
DEPARTMENT OF DEFENSE

DD 1414

BASE FOR REPROGRAMMING ACTIONS

**DIVISION A OF PUBLIC LAW 115-245, DEPARTMENT OF DEFENSE
APPROPRIATIONS ACT, 2019**

APPROVED: SEPTEMBER 28, 2018

EFFECTIVE: OCTOBER 1, 2018

SUBMITTED BY:
Office of the Under Secretary of Defense (Comptroller)
Directorate for Program and Financial Control
Room 3C689, The Pentagon
Telephone: (703) 697-0021

The estimated cost of this report or study
for the Department of Defense is
approximately \$114,000 for the 2019
Fiscal Year. This includes \$640 in
expenses and \$113,000 in DoD labor.

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UNDER SECRETARY OF DEFENSE

1100 DEFENSE PENTAGON
WASHINGTON, DC 20301-1100

COMPTROLLER

OCT 31 2018

The Honorable Kay Granger
Chairwoman
Subcommittee on Defense
Committee on Appropriations
U. S. House of Representatives
Washington, DC 20515

Dear Madam Chairwoman:

In accordance with section 8007 of division A of Public Law 115-245, Department of Defense Appropriations Act, 2019 and established reprogramming procedures, enclosed is the required report to establish the baseline for application of reprogramming and transfer authorities. This report (DD 1414, Base for Reprogramming Actions) also includes funding from Title IX, Overseas Contingency Operations. A similar letter is being sent to the Chairs of the other congressional defense committees.

Sincerely,

A handwritten signature in black ink, appearing to read "David L. Norquist", is positioned above the printed name.

David L. Norquist

Enclosure:
As stated

cc:
The Honorable Peter J. Visclosky
Ranking Member

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

COMPTROLLER

The Honorable William M. "Mac" Thornberry
Chairman
Committee on Armed Services
U. S. House of Representatives
Washington, DC 20515

OCT 31 2018

Dear Mr. Chairman:

In accordance with section 8007 of division A of Public Law 115-245, Department of Defense Appropriations Act, 2019 and established reprogramming procedures, enclosed is the required report to establish the baseline for application of reprogramming and transfer authorities. This report (DD 1414, Base for Reprogramming Actions) also includes funding from Title IX, Overseas Contingency Operations. A similar letter is being sent to the Chairs of the other congressional defense committees.

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David L. Norquist

Enclosure:
As stated

cc:
The Honorable Adam Smith
Ranking Member

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

COMPTROLLER

OCT 31 2018

The Honorable Richard C. Shelby
Chairman
Subcommittee on Defense
Committee on Appropriations
United States Senate
Washington, DC 20510

Dear Mr. Chairman:

In accordance with section 8007 of division A of Public Law 115-245, Department of Defense Appropriations Act, 2019 and established reprogramming procedures, enclosed is the required report to establish the baseline for application of reprogramming and transfer authorities. This report (DD 1414, Base for Reprogramming Actions) also includes funding from Title IX, Overseas Contingency Operations. A similar letter is being sent to the Chairs of the other congressional defense committees.

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David L. Norquist

Enclosure:
As stated

cc:
The Honorable Richard J. Durbin
Vice Chairman

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UNDER SECRETARY OF DEFENSE

1100 DEFENSE PENTAGON
WASHINGTON, DC 20301-1100

COMPTROLLER

OCT 31 2018

The Honorable James M. Inhofe
Chairman
Committee on Armed Services
United States Senate
Washington, DC 20510

Dear Mr. Chairman:

In accordance with section 8007 of division A of Public Law 115-245, Department of Defense Appropriations Act, 2019 and established reprogramming procedures, enclosed is the required report to establish the baseline for application of reprogramming and transfer authorities. This report (DD 1414, Base for Reprogramming Actions) also includes funding from Title IX, Overseas Contingency Operations. A similar letter is being sent to the Chairs of the other congressional defense committees.

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David L. Norquist

Enclosure:
As stated

cc:
The Honorable Jack Reed
Ranking Member

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Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:						Fiscal Year Program:		
Military Personnel, Army, 2019/2019 (2010A)						2019		
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		14,107,763				-103,500		14,004,263
FY 2019 Appropriated Base		13,152,746						
2 / Blended retirement overestimation						(-95,000)		
Historical underexecution for special pays						(-8,500)		
FY 2019 OCO (Title IX)		955,017						
Subtotal Budget Activity 01: Pay and Allowances of Officers		14,107,763				-103,500		14,004,263
Budget Activity 02: Pay and Allowances of Enlisted		27,960,709				-809,500		27,151,209
FY 2019 Appropriated Base		26,458,484						
2 / Blended retirement overestimation						(-232,000)		
Undistributed - revised estimate						(-575,000)		
Projected underexecution for special pays						(-2,500)		
FY 2019 OCO (Title IX)		1,502,225						
Subtotal Budget Activity 02: Pay and Allowances of Enlisted		27,960,709				-809,500		27,151,209
Budget Activity 03: Pay and Allowances of Cadets		86,510						86,510
FY 2019 Appropriated Base		86,510						
Subtotal Budget Activity 03: Pay and Allowances of Cadets		86,510						86,510
Budget Activity 04: Subsistence of Enlisted Personnel		2,269,930						2,269,930
FY 2019 Appropriated Base		1,893,742						
FY 2019 OCO (Title IX)		376,188						
Subtotal Budget Activity 04: Subsistence of Enlisted Personnel		2,269,930						2,269,930
Budget Activity 05: Permanent Change of Station Travel		1,825,401				-40,000		1,785,401
FY 2019 Appropriated Base		1,784,544						
Undistributed -rate adjustments						(-40,000)		
FY 2019 OCO (Title IX)		40,857						
Subtotal Budget Activity 05: Permanent Change of Station Travel		1,825,401				-40,000		1,785,401
Budget Activity 06: Other Military Personnel Costs		349,383				-27,500		321,883
FY 2019 Appropriated Base		294,516						
1 / Program increase for Junior ROTC						(500)		
1 / Program increase - ROTC helicopter training program						(4,000)		
Undistributed - insufficient budget justification materials						(-32,000)		
FY 2019 OCO (Title IX)		54,867						
Subtotal Budget Activity 06: Other Military Personnel Costs		349,383				-27,500		321,883

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Military Personnel, Army, 2019/2019 (2010A)						Fiscal Year Program: 2019		
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
Grand Total Military Personnel, Army, 2019/2019		46,599,696				-980,500		45,619,196
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		43,670,542				-980,500		42,690,042
APPROPRIATION, P.L. 115-245 (OCO)		2,929,154						2,929,154
TOTAL FINANCING - FY 2019 PROGRAM		46,599,696				-980,500		45,619,196
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 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, 2019/2019 (2070A)**2019**

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		4,992,954				-119,000		4,873,954
FY 2019 Appropriated Base		4,955,947						
2 / Blended retirement overestimation						(-17,000)		
2 / Excess growth for pay group A training						(-2,000)		
2 / Excess growth for school training						(-15,000)		
Undistributed - historical unobligated balances						(-32,000)		
Undistributed - rate adjustments						(-3,000)		
Undistributed - revised estimate						(-50,000)		
FY 2019 OCO (Title IX)		37,007						
Subtotal Budget Activity 01: Reserve Component Training and Support		4,992,954				-119,000		4,873,954
Grand Total Reserve Personnel, Army, 2019/2019		4,992,954				-119,000		4,873,954
Financing								
APPROPRIATION, P.L. 115-245 (Base)		4,955,947				-119,000		4,836,947
APPROPRIATION, P.L. 115-245 (OCO)		37,007						37,007
TOTAL FINANCING - FY 2019 PROGRAM		4,992,954				-119,000		4,873,954

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 Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: National Guard Personnel, Army, 2019/2019 (2060A)	Fiscal Year Program: 2019
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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		8,939,628				-143,400		8,796,228
FY 2019 Appropriated Base		8,744,345						
1 / Program increase - State Partnership Program						(3,600)		
1 / Program increase - cyber protection teams						(1,300)		
1 / Program increase - training and operational support of the southwest border						(8,000)		
1 / Trauma Training						(1,200)		
1 / Wildfire Training						(5,500)		
2 / Blended retirement overestimation						(-29,000)		
2 / Excess growth for Pay Group A Training						(-19,000)		
2 / Excess to requirement for Pay Group F Training						(-10,000)		
Undistributed - historical unobligated balances						(-68,000)		
Undistributed - rate adjustments						(-7,000)		
Undistributed - revised estimate						(-30,000)		
FY 2019 OCO (Title IX)		195,283						
Subtotal Budget Activity 01: Reserve Component Training and Support		8,939,628				-143,400		8,796,228
Grand Total National Guard Personnel, Army, 2019/2019		8,939,628				-143,400		8,796,228
Financing								
APPROPRIATION, P.L. 115-245 (Base)		8,744,345				-143,400		8,600,945
APPROPRIATION, P.L. 115-245 (OCO)		195,283						195,283
TOTAL FINANCING - FY 2019 PROGRAM		8,939,628				-143,400		8,796,228

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 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 , 2019/2019 (2020A)

2019

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		41,782,165				-1,064,933		40,717,232
FY 2019 Appropriated Base		25,905,788						
1 / Program increase - Integrated Head Protection System						(33,000)		
1 / Program increase - PFOS/PFOA treatment, sampling, site investigations						(17,000)		
1 / Program increase - advanced combat helmets						(10,000)		
1 / Program increase - advanced manufacturing						(4,250)		
1 / Program increase - aerial weapons scoring system						(3,000)		
1 / Program increase - cyber electromagnetic activities unfunded requirement						(8,500)		
1 / Program increase - energy resilience						(2,500)		
1 / Program increase - multi-mission support vessel						(18,000)		
1 / Program increase - prevention of child abuse and training on safe childcare practices						(1,000)		
2 / Excess growth - cyber						(-8,455)		
2 / Excess travel - Force Readiness Operations Support						(-1,860)		
Excess growth - Echelons Above Brigade						(-25,000)		
Excess growth - Force Readiness Operations Support						(-11,300)		
Excess growth - Maneuver Units						(-83,793)		
Program decrease not properly accounted - Aviation Assets						(-50,000)		
Program decrease not properly accounted - Maneuver Units						(-110,000)		
Remove one-time fiscal year 2018 increase - Base Operations Support						(-50,000)		
Remove one-time fiscal year 2018 increase - U.S. European Command						(-9,000)		
Transfer to title IX - Maneuver Units						(-150,000)		
Transfer to title IX - Force Readiness Operations Support						(-300,000)		
Transfer to title IX - Land Forces Depot Maintenance						(-150,000)		
Unjustified growth - Base Operations Support						(-24,155)		
Unjustified growth - Theater Level Assets						(-90,000)		
Unjustified program growth - Aviation Assets						(-75,000)		
Excess Cash Balances (Section 8132)						(-50,000)		
Fuel Increase (Section 8118)						(85,158)		
Undistributed - Historical Unobligation						(-309,157)		
Undistributed - Overestimation of Civilian FTE Targets						(-68,621)		
1 / Public-Law 115-68 Implementation at Combatant Commands						(1,000)		
Working Capital Fund Excess Carryover						(-20,000)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Army , 2019/2019 (2020A)**2019**

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
4/ The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million out of these lines for Title II funds: Maneuver Units; Modular Support Brigades; Aviation assets; Land Forces Operations Support; Force Readiness Operations Support; Land Forces Depot Maintenance; Base Operations Support; Facilities Sustainment, Restoration, and Modernization; and Specialized Skill Training.								
5/ The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million into these lines for Title II funds: Other Personnel Support/Recruiting and Advertising								
Subtotal Budget Activity 03: Training and Recruiting		5,141,369				-186,578		4,954,791
Budget Activity 04: Administration and Servicewide Activities		12,185,351				-254,767		11,930,584
FY 2019 Appropriated Base		10,009,981						
1 / Program increase - Army support to Capitol 4th						(3,564)		
1 / Program increase - SOUTHCOM ISR requirements						(7,130)		
2 / Classified adjustment						(-2,820)		
Program decrease not properly accounted - Other Service Support						(-14,000)		
Section 8065 - Transfer to X-year						(-62,484)		
Unjustified growth - Central Supply Activities						(-10,000)		
Unjustified growth - Other Personnel Support						(-30,000)		
FFRDC Reductions (Section 8024)						(-5,375)		
Fuel Increase (Section 8118)						(196)		
Undistributed - Historical Unobligation						(-119,429)		
Undistributed - Overestimation of Civilian FTE Targets						(-21,549)		
FY 2019 OCO (Title IX)		2,175,370						
Subtotal Budget Activity 04: Administration and Servicewide Activities		12,185,351				-254,767		11,930,584

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Army , 2019/2019 (2020A)**2019**

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
Grand Total Operation and Maintenance, Army , 2019/2019		60,219,817				-1,541,444		58,678,373
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		42,009,317				-1,926,319		40,082,998
APPROPRIATION, P.L. 115-245 (OCO)		18,210,500				338,000		18,548,500
Fuel Increase (Section 8118)						103,099		
Subtotal General Provision Additions								103,099
Excess Cash Balances (Section 8132)						-50,000		
FFRDC Reductions (Section 8024)						-6,224		
Subtotal General Provision Reductions								-56,224
TOTAL FINANCING - FY 2019 PROGRAM		60,219,817				-1,541,444		58,678,373

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/ The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million out of these lines for Title II funds: Maneuver Units; Modular Support Brigades; Aviation assets; Land Forces Operations Support; Force Readiness Operations Support; Land Forces Depot Maintenance; Base Operations Support; Facilities Sustainment, Restoration, and Modernization; and Specialized Skill Training.
- 5/ The line item Other Personnel Support/Recruiting and Advertising has been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million into this line item for Title II funds.
- 6 / Operation and Maintenance, Army funding was specifically provided "only for" the cyberspace activities program. These cyberspace activities are defined by the program, project, or activity (PPAs) that comprise the classified cyberspace activities information technology investment budget request for FY 2019 . Congressional prior approval reprogramming is required for all transfers or realignments of these funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" programs that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.

For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Operation and Maintenance, Army , 2019/XXXX (2020AX)						Fiscal Year Program: 2019		
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: Administration and Servicewide Activities FY 2019 Appropriated Base Section 8065 - Transfer to X-year						62,484 (62,484)		62,484
Subtotal Budget Activity 04: Administration and Servicewide Activities						62,484		62,484
Grand Total Operation and Maintenance, Army , 2019/XXXX						62,484		62,484
<i>Financing</i> APPROPRIATION, P.L. 115-245 (Base)						62,484		62,484
TOTAL FINANCING - FY 2019 PROGRAM						62,484		62,484
Footnotes: <div style="text-align: center;">For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.</div>								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Army Reserve , 2019/2019 (2080A)						2019		
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		2,839,248				-130,378		2,708,870
FY 2019 Appropriated Base		2,797,361						
Fiscal year 2018 decrease not properly accounted - Aviation Assets						(-5,000)		
Fiscal year 2018 decrease not properly accounted - Echelons Above Brigade						(-20,000)		
Fiscal year 2018 decrease not properly accounted - Land Forces Depot Maintenance						(-10,000)		
Fiscal year 2018 decrease not properly accounted - Modular Support Brigades						(-4,000)		
Program decrease not properly accounted - Base Operations Support						(-18,000)		
Unjustified growth - Force Readiness Operations Support						(-17,000)		
Unjustified growth - Land Forces Operations Support						(-14,000)		
Fuel Increase (Section 8118)						(5,129)		
Undistributed - Historical Unobligation						(-32,507)		
Undistributed - Overestimation of Civilian FTE Targets						(-15,000)		
FY 2019 OCO (Title IX)		41,887						
Subtotal Budget Activity 01: Operating Forces		2,839,248				-130,378		2,708,870
Budget Activity 04: Administration and Servicewide Activities		119,548						119,548
FY 2019 Appropriated Base		119,548						
Subtotal Budget Activity 04: Administration and Servicewide Activities		119,548						119,548
Grand Total Operation and Maintenance, Army Reserve , 2019/2019		2,958,796				-130,378		2,828,418
Financing								
APPROPRIATION, P.L. 115-245 (Base)		2,916,909				-135,507		2,781,402
APPROPRIATION, P.L. 115-245 (OCO)		41,887						41,887
Fuel Increase (Section 8118)						5,129		
Subtotal General Provision Additions								5,129
TOTAL FINANCING - FY 2019 PROGRAM		2,958,796				-130,378		2,828,418

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Operation and Maintenance, Army Reserve , 2019/2019 (2080A)	Fiscal Year Program: 2019
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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	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i

Footnotes:

7 / Operation and Maintenance, Army Reserve funding was specifically provided “only for” the cyberspace activities program. These cyberspace activities are defined by the program, project, or activity (PPAs) that comprise the classified cyberspace activities information technology investment budget request for FY 2019 . Congressional prior approval reprogramming is required for all transfers or realignments of these funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the “cyberspace activities” programs that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.

For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Army National Guard, 2019/2019 (2065A)

2019

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		7,074,824				-259,829		6,814,995
FY 2019 Appropriated Base		6,964,850						
1 / Program increase - Army National Guard preventative mental health program						(4,000)		
1 / Program increase - advanced trauma training program						(1,200)		
1 / Program increase - cyber protection teams						(500)		
1 / Program increase - expanded training environment						(1,000)		
1 / Program increase - training and operational support of the southwest border						(2,000)		
1 / Wildfire Training						(1,000)		
2 / Training excess growth						(-11,169)		
2 / Transportation excess growth						(-2,605)		
Excess growth - Management and Operational Headquarters						(-3,465)		
Fiscal year 2018 decrease not properly accounted - Management and Operational Headquarters						(-5,000)		
Undistributed - Historical Unobligation						(-103,893)		
Program decrease not properly accounted - Base Operations Support						(-25,000)		
Program decrease not properly accounted - Force Readiness Operations Support						(-20,000)		
Program decrease not properly accounted - Modular Support Brigades						(-8,000)		
Program decrease not properly accounted for - Maneuver						(-20,000)		
Undistributed - Unjustified growth						(-82,572)		
Fuel Increase (Section 8118)						(12,175)		
6 / Section 8118 of the FY 2019 Defense Appropriations Act (P.L. 115-245) added amounts appropriated in Title II, Operation and Maintenance (O&M), by \$750 million to reflect higher than budgeted fuel costs. Because the Components purchase fuel using both base and overseas contingency operations funds; this increase has been allocated proportionally to base and OCO O&M appropriations. General Provision 8118, funds have been realigned for fuel increases from base, \$-0.485 million, to OCO, \$+0.485 million, to reflect congressional intent for proper execution.						(-485)		
FY 2019 OCO (Title IX)		109,974						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Army National Guard, 2019/2019 (2065A)

2019

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
6 / Section 8118 of the FY 2019 Defense Appropriations Act (P.L. 115-245) added amounts appropriated in Title II, Operation and Maintenance (O&M), by \$750 million to reflect higher than budgeted fuel costs. Because the Components purchase fuel using both base and overseas contingency operations funds; this increase has been allocated proportionally to base and OCO O&M appropriations. General Provision 8118, funds have been realigned for fuel increases from base, \$-0.485 million, to OCO, \$+0.485 million, to reflect congressional intent for proper execution.						(485)		
Subtotal Budget Activity 01: Operating Forces		7,074,824				-259,829		6,814,995
Budget Activity 04: Administration and Servicewide Activities		435,200				-8,460		426,740
FY 2019 Appropriated Base		434,445						
1 / Program increase - State Partnership Program						(3,800)		
Undistributed - Historical Unobligation						(-6,832)		
Undistributed - Unjustified growth						(-5,428)		
5/ The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million into these lines for Title II funds: Other Personnel								
FY 2019 OCO (Title IX)		755						
Subtotal Budget Activity 04: Administration and Servicewide Activities		435,200				-8,460		426,740
Grand Total Operation and Maintenance, Army National Guard, 2019/2019		7,510,024				-268,289		7,241,735
Financing								
APPROPRIATION, P.L. 115-245 (Base)		7,399,295				-280,949		7,118,346
APPROPRIATION, P.L. 115-245 (OCO)		110,729				485		111,214
Fuel Increase (Section 8118)						12,175		
Subtotal General Provision Additions								12,175
TOTAL FINANCING - FY 2019 PROGRAM		7,510,024				-268,289		7,241,735

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Army National Guard, 2019/2019 (2065A)**2019**

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

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.
- 5/ The line item Other Personnel Support/Recruiting and Advertising has been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million into this line item for Title II funds.
- 6 / Section 8118 of the FY 2019 Defense Appropriations Act (P.L. 115-245) increased amounts appropriated in Title II, Operation and Maintenance (O&M), by \$750 million to reflect higher than budgeted fuel costs. Because the Components purchase fuel using both base and overseas contingency operations funds; this increased has been allocated proportionally to base and OCO O&M appropriations. General Provision 8118, funds have been realigned for fuel savings from base, \$-0.485 million, to OCO, \$+0.485 million, to reflect congressional intent for proper execution.
- 7 / Operation and Maintenance, Army National Guard funding was specifically provided "only for" the cyberspace activities program. These cyberspace activities are defined by the program, project, or activity (PPAs) that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Congressional prior approval reprogramming is required for all transfers or realignments of these funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" programs that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.

For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Environmental Restoration, Army, 2019/XXXX (0810AX)						Fiscal Year Program: 2019		
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: Department of the Army		203,449				32,360		235,809
FY 2019 Appropriated Base		203,449						
1 / Remediating contamination caused by perfluorinated chemicals						(25,000)		
1 / Program Increase						(7,360)		
Subtotal Budget Activity 01: Department of the Army		203,449				32,360		235,809
Grand Total Environmental Restoration, Army, 2019/XXXX		203,449				32,360		235,809
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		203,449				32,360		235,809
TOTAL FINANCING - FY 2019 PROGRAM		203,449				32,360		235,809
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: Afghanistan Security Forces Fund, 2019/2020 (2091A)						Fiscal Year Program: 2019		
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: Afghan National Army FY 2019 OCO (Title IX) Undistributed Reduction		1,929,027 1,929,027				-164,623 (-164,623)		1,764,404
Subtotal Budget Activity 06: Afghan National Army		1,929,027				-164,623		1,764,404
Budget Activity 07: Afghan National Police FY 2019 OCO (Title IX) Undistributed Reduction		766,264 766,264				-40,000 (-40,000)		726,264
Subtotal Budget Activity 07: Afghan National Police		766,264				-40,000		726,264
Budget Activity 08: Afghan Air Force FY 2019 OCO (Title IX) Undistributed Reduction		1,802,130 1,802,130				-74,827 (-74,827)		1,727,303
Subtotal Budget Activity 08: Afghan Air Force		1,802,130				-74,827		1,727,303
Budget Activity 09: Afghan Special Security Forces FY 2019 OCO (Title IX)		702,029 702,029						702,029
Subtotal Budget Activity 09: Afghan Special Security Forces		702,029						702,029
Grand Total Afghanistan Security Forces Fund, 2019/2020		5,199,450				-279,450		4,920,000
<i>Financing</i> APPROPRIATION, P.L. 115-245 (OCO)		5,199,450				-279,450		4,920,000
TOTAL FINANCING - FY 2019 PROGRAM		5,199,450				-279,450		4,920,000
Footnotes: For Afghanistan Security Forces Fund, the Below Threshold Reprogramming limitation is \$20 million.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Counter-Islamic State of Iraq and the Levant Train and Equip Fund, 2019/2020 (2099A)						Fiscal Year Program: 2019		
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: Counter-ISIS Train and Equip Fund (CTEF)		1,400,000				-47,800		1,352,200
FY 2019 OCO (Title IX)		1,400,000						
2 / Non-NATO standard weapons insufficient budget justification						(-47,800)		
Subtotal Budget Activity 01: Counter-ISIS Train and Equip Fund (CTEF)		1,400,000				-47,800		1,352,200
Grand Total Counter-Islamic State of Iraq and the Levant Train and Equip Fund, 2019/2020		1,400,000				-47,800		1,352,200
Financing								
APPROPRIATION, P.L. 115-245 (OCO)		1,400,000				-47,800		1,352,200
TOTAL FINANCING - FY 2019 PROGRAM		1,400,000				-47,800		1,352,200
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								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Army, 2019/2021 (2031A)**2019**

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		744				17,900		18,644
		744						
1 /						(17,900)		
01	10	103,326				60,000	10	163,326
	4	43,326						
1 /						(60,000)		
	6	60,000						
01		46,416						46,416
		46,416						
01					4	34,000	4	34,000
1 /					(4)	(34,000)		
01	48	753,248					48	753,248
	48	753,248						
01		174,550						174,550
		174,550						
01	12	284,687			6	168,000	18	452,687
	12	284,687						
1 /					(6)	(168,000)		
01		58,600						58,600
		58,600						
01	50	1,010,056			8	148,765	58	1,158,821
	49	988,810						
1 /					(8)	(156,000)		
2 /						(-7,235)		
	1	21,246						
01		106,150						106,150
		106,150						
01	18	146,138				2,000	18	148,138
	18	146,138						
1 /						(4,000)		
2 /						(-2,000)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Army, 2019/2021 (2031A)**2019**

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	CH-47 Helicopter	7	124,278				-5,000	7	119,278
	FY 2019 Appropriated Base	6	99,278						
	FY 2019 OCO (Title IX)	1	25,000						
2 /	SLEP unit cost discrepancy						(-5,000)		
01	CH-47 Helicopter Advance Procurement (CY)		24,235				-3,457		20,778
	FY 2019 Appropriated Base		24,235						
2 /	SLEP unit cost growth						(-3,457)		
Subtotal Budget Activity 01: Aircraft			2,832,428				422,208		3,254,636
Budget Activity 02: Modification of Aircraft									
02	MQ-1 Payload (MIP)		11,400				-11,400		
	FY 2019 OCO (Title IX)		11,400						
2 /	CSP previously funded						(-11,400)		
02	Universal Ground Control Equipment (UAS)		27,114						27,114
	FY 2019 Appropriated Base		27,114						
02	Gray Eagle Mods2		129,781						129,781
	FY 2019 Appropriated Base		97,781						
	FY 2019 OCO (Title IX)		32,000						
02	Multi Sensor ABN Recon (MIP)		103,274				14,000		117,274
	FY 2019 Appropriated Base		52,274						
1 /	Program increase - Guardrail unfunded requirement						(14,000)		
	FY 2019 OCO (Title IX)		51,000						
02	AH-64 Mods		104,996						104,996
	FY 2019 Appropriated Base		104,996						
02	CH-47 Cargo Helicopter Mods (MYP)		7,807				20,000		27,807
	FY 2019 Appropriated Base		7,807						
1 /	Program increase - improved vibration control system						(20,000)		
02	GRCS SEMA Mods (MIP)		5,573						5,573
	FY 2019 Appropriated Base		5,573						
02	ARL SEMA Mods (MIP)		7,522						7,522
	FY 2019 Appropriated Base		7,522						
02	EMARSS SEMA Mods (MIP)		20,448				39,800		60,248
	FY 2019 Appropriated Base		20,448						
1 /	EMARSS-E Pods						(39,800)		
02	Utility/Cargo Airplane Mods		17,719						17,719
	FY 2019 Appropriated Base		17,719						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Army, 2019/2021 (2031A)**2019**

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	Utility Helicopter Mods		6,443				26,000		32,443
	FY 2019 Appropriated Base		6,443						
	1 / Program increase - UH-72 sustainability improvements						(10,000)		
	1 / Program increase - enhanced ballistic armor protection systems						(10,000)		
	1 / Program increase - UH-60 weight reduction						(6,000)		
02	Network and Mission Plan		123,614				-5,000		118,614
	FY 2019 Appropriated Base		123,614						
	2 / Aviation mission planning system ECP cost growth						(-2,500)		
	2 / Improved data modem cost growth						(-2,500)		
02	Comms, Nav Surveillance		161,969				-5,000		156,969
	FY 2019 Appropriated Base		161,969						
	2 / EGI non-recurring ahead of need						(-5,000)		
02	Degraded Visual Environment		30,000						30,000
	FY 2019 Appropriated Base		30,000						
02	GATM Rollup		26,848						26,848
	FY 2019 Appropriated Base		26,848						
02	RQ-7 UAV MODS		154,114						154,114
	FY 2019 Appropriated Base		103,246						
	FY 2019 OCO (Title IX)		50,868						
02	UAS MODS		21,046						21,046
	FY 2019 Appropriated Base		17,644						
	FY 2019 OCO (Title IX)		3,402						
Subtotal Budget Activity 02: Modification of Aircraft			959,668				78,400		1,038,068
Budget Activity 04: Support Equipment and Facilities									
04	Aircraft Survivability Equipment		57,170						57,170
	FY 2019 Appropriated Base		57,170						
04	Survivability CM		5,853						5,853
	FY 2019 Appropriated Base		5,853						
04	CMWS		97,883						97,883
	FY 2019 Appropriated Base		13,496						
	FY 2019 OCO (Title IX)		84,387						
04	Common Infrared Countermeasures (CIRCM)		60,899						60,899
	FY 2019 Appropriated Base		36,839						
	FY 2019 OCO (Title IX)		24,060						
04	Avionics Support Equipment		1,778						1,778
	FY 2019 Appropriated Base		1,778						
04	Common Ground Equipment		34,818						34,818
	FY 2019 Appropriated Base		34,818						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Aircraft Procurement, Army, 2019/2021 (2031A)	Fiscal Year Program: 2019
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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
04 Aircrew Integrated Systems		27,243						27,243
FY 2019 Appropriated Base		27,243						
04 Air Traffic Control		63,872						63,872
FY 2019 Appropriated Base		63,872						
04 Industrial Facilities		1,417						1,417
FY 2019 Appropriated Base		1,417						
04 Launcher, 2.75 Rocket		1,901						1,901
FY 2019 Appropriated Base		1,901						
04 Launcher Guided Missile: Longbow Hellfire XM2		991						991
FY 2019 Appropriated Base		991						
Subtotal Budget Activity 04: Support Equipment and Facilities		353,825						353,825
Grand Total Aircraft Procurement, Army, 2019/2021		4,145,921				500,608		4,646,529
Financing								
APPROPRIATION, P.L. 115-245 (Base)		3,782,558				517,008		4,299,566
APPROPRIATION, P.L. 115-245 (OCO)		363,363				-16,400		346,963
TOTAL FINANCING - FY 2019 PROGRAM		4,145,921				500,608		4,646,529

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>For Procurement, the Below Threshold Reprogramming limitation is \$20 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:

Fiscal Year Program:

Missile Procurement, Army, 2019/2021 (2032A)**2019**

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)		111,395				-6,000		105,395
FY 2019 Appropriated Base		111,395						
2 / Prior year carryover of support costs						(-6,000)		
02 MSE Missile	240	1,131,276					240	1,131,276
FY 2019 Appropriated Base	179	871,276						
FY 2019 OCO (Title IX)	61	260,000						
02 INDIRECT FIRE PROTECTION CAPABILITY INC 2-I		145,636						145,636
FY 2019 Appropriated Base		145,636						
02 INDIRECT FIRE PROTECTION CAPABILITY INC 2-I		31,286						31,286
Advance Procurement (CY)								
FY 2019 Appropriated Base		31,286						
02 Hellfire Sys Summary	2,684	255,040				-61,366	2,684	193,674
FY 2019 OCO (Title IX)	2,684	255,040						
2 / Reimbursable to direct conversions unaccounted						(-1,366)		
2 / Forward financing support costs						(-10,000)		
Munitions funded in PL 115-141						(-50,000)		
02 Joint Air-To-Ground MsIs (JAGM)	1,046	276,462			-361	-20,000	685	256,462
FY 2019 Appropriated Base	1,046	276,462						
2 / Unit cost and engineering services growth						(-20,000)		
Quantity adjustment - updated initial estimate based on revised pricing					(-361)			
02 Javelin (Aaws-M) System Summary	784	334,785				-89,300	784	245,485
FY 2019 Appropriated Base	709	303,665						
2 / CLU previously funded in fiscal year 2018						(-86,500)		
2 / Forward financing support costs						(-2,800)		
FY 2019 OCO (Title IX)	75	31,120						
02 Tow 2 System Summary	1,472	105,014			-33	-5,901	1,439	99,113
FY 2019 Appropriated Base	1,472	105,014						
2 / Advanced procurement cost growth						(-3,000)		
2 / Reimbursable to direct conversions unaccounted for						(-2,901)		
Quantity adjustment - updated estimate based on revised pricing					(-33)			
02 Tow 2 System Summary Advance Procurement (CY)		19,949						19,949
FY 2019 Appropriated Base		19,949						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Missile Procurement, Army, 2019/2021 (2032A)**2019**

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	Guided MLRS Rocket (GMLRS)	10,851	984,113			-3,033	-8,606	7,818	975,507
	FY 2019 Appropriated Base	3,267	359,613						
2 /	Production capacity - previously funded requirement						(-1,771)		
2 /	Reimbursable to direct conversions unaccounted for						(-3,754)		
	Quantity adjustment - updated initial estimate based on revised pricing					(-663)			
	FY 2019 OCO (Title IX)	7,584	624,500						
	Production capacity - previously funded						(-3,081)		
	Quantity adjustment - updated initial estimate based on revised pricing					(-2,370)			
02	MLRS Reduced Range Practice Rockets (RRPR)	2,214	20,964					2,214	20,964
	FY 2019 Appropriated Base	2,214	20,964						
02	High Mobility Artillery Rocket System (HIMARS)	24	171,138					24	171,138
	FY 2019 OCO (Title IX)	24	171,138						
02	LETHAL MINIATURE AERIAL MISSILE SYSTEM (LMAMS)	1,318	112,973			-146	-8,000	1,172	104,973
	FY 2019 OCO (Title IX)	1,318	112,973						
	JUON requirement previously funded					(-146)	(-8,000)		
Subtotal Budget Activity 02: Other Missiles			3,700,031				-199,173		3,500,858
Budget Activity 03: Modification of Missiles									
03	Patriot Mods		313,228				10,000		323,228
	FY 2019 Appropriated Base		313,228						
1 /	Program increase - information coordination systems						(10,000)		
03	ATACMS MODS		447,236				-50,000		397,236
	FY 2019 Appropriated Base		221,656						
2 /	Excess to current production capacity						(-50,000)		
	FY 2019 OCO (Title IX)		225,580						
03	GMLRS MOD		266						266
	FY 2019 Appropriated Base		266						
03	Stinger Mods		94,756						94,756
	FY 2019 Appropriated Base		94,756						
03	Avenger Mods		48,670				-17,577		31,093
	FY 2019 Appropriated Base		48,670						
2 /	M-SHORAD ahead of need						(-17,577)		
03	Itas/Tow Mods		3,173						3,173
	FY 2019 Appropriated Base		3,173						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Missile Procurement, Army, 2019/2021 (2032A)						Fiscal Year Program: 2019			
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	MLRS Mods		505,216				-26,218		478,998
	FY 2019 Appropriated Base		383,216						
	2 / Install funds excess to need						(-4,270)		
	2 / Obsolescence NRE previously funded						(-12,300)		
	2 / Unit cost savings						(-7,600)		
	2 / Reimbursable to direct conversions unaccounted for						(-2,048)		
	FY 2019 OCO (Title IX)		122,000						
03	Himars Modifications		10,196						10,196
	FY 2019 Appropriated Base		10,196						
Subtotal Budget Activity 03: Modification of Missiles			1,422,741				-83,795		1,338,946
Budget Activity 04: Spares and Repair Parts									
04	Spares and Repair Parts		27,737						27,737
	FY 2019 Appropriated Base		27,737						
Subtotal Budget Activity 04: Spares and Repair Parts			27,737						27,737
Budget Activity 05: Support equipment and facilities									
05	Air Defense Targets		6,417						6,417
	FY 2019 Appropriated Base		6,417						
05	Production Base Support		1,202						1,202
	FY 2019 Appropriated Base		1,202						
Subtotal Budget Activity 05: Support equipment and facilities			7,619						7,619
Grand Total Missile Procurement, Army, 2019/2021			5,158,128				-282,968		4,875,160
Financing									
	APPROPRIATION, P.L. 115-245 (Base)		3,355,777				-210,521		3,145,256
	APPROPRIATION, P.L. 115-245 (OCO)		1,802,351				-72,447		1,729,904
TOTAL FINANCING - FY 2019 PROGRAM			5,158,128				-282,968		4,875,160
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 \$20 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 , 2019/2021 (2033A)

2019

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: Tracked Combat Vehicles								
01 Bradley Program	61	205,000					61	205,000
FY 2019 OCO (Title IX)	61	205,000						
01 Armored Multi Purpose Vehicle (AMPV)	197	710,160				-37,418	197	672,742
FY 2019 Appropriated Base	131	479,801						
2 / Contract savings from combined lot awards						(-31,148)		
2 / Reimbursable to direct conversions unaccounted for						(-1,195)		
FY 2019 OCO (Title IX)	66	230,359						
2 / Unit cost adjustment						(-5,075)		
01 Stryker (MOD)		287,490				-160,189		127,301
FY 2019 Appropriated Base		287,490						
2 / Reimbursable to direct conversions unaccounted for						(-5,799)		
2 / Revised DVH strategy						(-5,000)		
Army requested transfer to BA01/Stryker Upgrade						(-149,390)		
01 Stryker Upgrade	3	21,900				243,390	3	265,290
FY 2019 Appropriated Base	3	21,900						
1 / Program increase - DVHA1						(94,000)		
Army requested transfer from BA01/Stryker (MOD)						(149,390)		
01 Bradley Program (MOD)		675,424				-160,000		515,424
FY 2019 Appropriated Base		625,424						
2 / Revised A4 acquisition strategy						(-160,000)		
FY 2019 OCO (Title IX)		50,000						
01 M109 FOV Modifications		26,482						26,482
FY 2019 Appropriated Base		26,482						
01 Paladin Integrated Management (PIM)	36	418,802				107,100	36	525,902
FY 2019 Appropriated Base	30	351,802						
1 / Program increase - funding shortfall						(110,000)		
2 / Reimbursable to direct conversions unaccounted for						(-2,900)		
FY 2019 OCO (Title IX)	6	67,000						
01 Improved Recovery Vehicle (M88A2 Hercules)	38	152,854					38	152,854
FY 2019 Appropriated Base	26	110,500						
FY 2019 OCO (Title IX)	12	42,354						
01 Assault Bridge (Mod)		2,120						2,120
FY 2019 Appropriated Base		2,120						
01 Assault Breacher Vehicle	12	62,407					12	62,407
FY 2019 Appropriated Base	12	62,407						
01 M88 FOV MODS		4,517						4,517
FY 2019 Appropriated Base		4,517						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement of Weapons and Tracked Combat Vehicles, Army , 2019/2021 (2033A)

2019

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	Joint Assault Bridge	30	142,255				-3,109	30	139,146
	FY 2019 Appropriated Base	30	142,255						
	2 / Unit cost growth						(-2,085)		
	2 / Reimbursable to direct conversions unaccounted for						(-1,024)		
01	M1 Abrams Tank (MOD)		961,600				-2,559		959,041
	FY 2019 Appropriated Base		927,600						
	2 / Reimbursable to direct conversions unaccounted for						(-2,559)		
	FY 2019 OCO (Title IX)		34,000						
01	Abrams Upgrade Program	135	1,530,999				-3,756	135	1,527,243
	FY 2019 Appropriated Base	95	1,075,999						
	2 / Reimbursable to direct conversions unaccounted for						(-3,756)		
	FY 2019 OCO (Title IX)	40	455,000						
Subtotal Budget Activity 01: Tracked Combat Vehicles			5,202,010				-16,541		5,185,469
Budget Activity 02: Weapons and Other Combat Vehicles									
02	M240 Medium Machine Gun (7.62MM)		2,081				12,500		14,581
	FY 2019 Appropriated Base		1,955						
	1 / Program increase - M240 production						(12,500)		
	FY 2019 OCO (Title IX)		126						
02	MULTI-ROLE ANTI-ARMOR ANTI-PERSONNEL WEAPONS		23,345				-3,465		19,880
	FY 2019 Appropriated Base		23,345						
	2 / Unit cost growth						(-3,465)		
02	GUN AUTOMATIC 30MM M230		7,434				-7,434		
	FY 2019 Appropriated Base		7,434						
	2 / Ahead of need						(-7,434)		
02	Machine Gun, Cal .50 M2 Roll		22,330						22,330
	FY 2019 Appropriated Base		22,330						
02	Mortar Systems		24,312						24,312
	FY 2019 Appropriated Base		12,470						
	FY 2019 OCO (Title IX)		11,842						
02	XM320 Grenade Launcher Module (GLM)		697				17,500		18,197
	FY 2019 Appropriated Base		697						
	1 / Program increase						(17,500)		
02	Compact Semi-Automatic Sniper System		46,236						46,236
	FY 2019 Appropriated Base		46,236						
02	Carbine		71,106				-1,500		69,606
	FY 2019 Appropriated Base		69,306						
	2 / Unjustified management growth						(-1,500)		
	FY 2019 OCO (Title IX)		1,800						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement of Weapons and Tracked Combat Vehicles, Army , 2019/2021 (2033A)

2019

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	Small Arms - Fire Control		7,929				-7,929		
	FY 2019 Appropriated Base		7,929						
2 /	Undefinitized requirements						(-7,929)		
02	Common Remotely Operated Weapons Station		39,346						39,346
	FY 2019 Appropriated Base		35,968						
	FY 2019 OCO (Title IX)		3,378						
02	Handgun		48,251						48,251
	FY 2019 Appropriated Base		48,251						
02	MK-19 Grenade Machine Gun Mods		1,684						1,684
	FY 2019 Appropriated Base		1,684						
02	M777 Mods		3,086						3,086
	FY 2019 Appropriated Base		3,086						
02	M4 Carbine Mods		31,575				6,500		38,075
	FY 2019 Appropriated Base		31,575						
1 /	Program increase - free-float rails						(6,500)		
02	M2 50 Cal Machine Gun Mods		26,520				-7,422		19,098
	FY 2019 Appropriated Base		21,600						
2 /	Prior year carryover						(-7,422)		
	FY 2019 OCO (Title IX)		4,920						
02	M249 Saw Machine Gun Mods		3,924						3,924
	FY 2019 Appropriated Base		3,924						
02	M240 Medium Machine Gun Mods		6,947						6,947
	FY 2019 Appropriated Base		6,940						
	FY 2019 OCO (Title IX)		7						
02	Sniper Rifles Modifications		2,747						2,747
	FY 2019 Appropriated Base		2,747						
02	M119 Modifications		5,704						5,704
	FY 2019 Appropriated Base		5,704						
02	Mortar Modification		3,965						3,965
	FY 2019 Appropriated Base		3,965						
02	Modifications Less Than \$5.0m (WOCV-WTCV)		5,577						5,577
	FY 2019 Appropriated Base		5,577						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Procurement of Weapons and Tracked Combat Vehicles, Army , 2019/2021 (2033A)						Fiscal Year Program: 2019			
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	Items Less Than \$5.0m (WOCV-WTCV) FY 2019 Appropriated Base		4,571 3,174						4,571
02	FY 2019 OCO (Title IX) Production Base Support (WOCV-WTCV)		1,397 3,284						3,284
02	FY 2019 Appropriated Base Small Arms Equipment (Soldier Enh Prog)		3,284 1,640						1,640
	FY 2019 Appropriated Base		1,640						
Subtotal Budget Activity 02: Weapons and Other Combat Vehicles			394,291				8,750		403,041
Grand Total Procurement of Weapons and Tracked Combat Vehicles, Army , 2019/2021			5,596,301				-7,791		5,588,510
Financing									
APPROPRIATION, P.L. 115-245 (Base)			4,489,118				-2,716		4,486,402
APPROPRIATION, P.L. 115-245 (OCO)			1,107,183				-5,075		1,102,108
TOTAL FINANCING - FY 2019 PROGRAM			5,596,301				-7,791		5,588,510
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 \$20 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, 2019/2021 (2034A)

2019

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		45,240						45,240
FY 2019 Appropriated Base		41,848						
FY 2019 OCO (Title IX)		3,392						
01 CTG, 7.62mm, All Types		86,239						86,239
FY 2019 Appropriated Base		86,199						
FY 2019 OCO (Title IX)		40						
01 CTG, Handgun, All Types		20,175				-999		19,176
FY 2019 Appropriated Base		20,158						
2 / Requirement previously funded for CTG, 99MM high pressure test						(-999)		
FY 2019 OCO (Title IX)		17						
01 CTG, .50 Cal, All Types		65,762						65,762
FY 2019 Appropriated Base		65,573						
FY 2019 OCO (Title IX)		189						
01 CTG, 20mm, All Types		9,803						9,803
FY 2019 Appropriated Base		8,198						
FY 2019 OCO (Title IX)		1,605						
01 CTG, 30mm, All Types		102,995				-17,378		85,617
FY 2019 Appropriated Base		77,995						
2 / Mk238 HEI-T cost growth						(-1,607)		
2 / PABM ahead of need						(-15,771)		
FY 2019 OCO (Title IX)		25,000						
01 CTG, 40mm, All Types		69,781						69,781
FY 2019 Appropriated Base		69,781						
01 60MM Mortar, All Types		45,498						45,498
FY 2019 Appropriated Base		45,280						
FY 2019 OCO (Title IX)		218						
01 81MM Mortar, All Types		47,337				550		47,887
FY 2019 Appropriated Base		46,853						
2 / 81MM HE M821 schedule slip						(-4,450)		
2 / Program increase						(5,000)		
FY 2019 OCO (Title IX)		484						
01 120MM Mortar, All Types		83,003				-150		82,853
FY 2019 Appropriated Base		83,003						
2 / LAP unit cost growth for 120MM HE M933						(-150)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement of Ammunition, Army, 2019/2021 (2034A)

2019

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	Cartridges, Tank, 105MM and 120MM, All Types FY 2019 Appropriated Base		168,101 168,101				-16,200		151,901
	2 / XM1147 program delays						(-8,200)		
	2 / 120MM M829A4 schedule slip						(-8,000)		
01	Artillery Cartridges, 75MM & 105MM, All Types FY 2019 Appropriated Base		39,341 39,341				-4,668		34,673
	2 / Requirement previously funded for 105MM IR ILLUM M1064						(-4,668)		
01	Artillery Projectile, 155MM, All Types FY 2019 Appropriated Base		290,842 211,442				10,000		300,842
	1 / Program increase - M1121						(5,000)		
	1 / Program increase - M825						(5,000)		
	M795 Army requested realignment						(-33,000)		
	Bonus Army requested realignment						(33,000)		
	FY 2019 OCO (Title IX)		79,400						
01	Proj 155mm Extended Range M982 FY 2019 Appropriated Base	2,162 1,189	173,891 100,906					2,162	173,891
	FY 2019 OCO (Title IX)	973	72,985						
01	Artillery Propellants, Fuzes and Primers, All FY 2019 Appropriated Base		300,577 236,677				-30,000		270,577
	2 / PGK excess to production capacity						(-30,000)		
	FY 2019 OCO (Title IX)		63,900						
01	Mines & Clearing Charges, All Types FY 2019 Appropriated Base		15,905 15,905				-900		15,005
	2 / MK7 unit cost growth						(-500)		
	2 / MK7 product engineering growth						(-400)		
01	Shoulder Launched Munitions, All Types FY 2019 Appropriated Base		26,745 4,503				-5,450		21,295
	1 / Program increase - bunker defeat munition unfunded requirement						(5,000)		
	FY 2019 OCO (Title IX)		22,242						
	2 / Program delays						(-10,450)		
01	Rocket, Hydra 70, All Types FY 2019 Appropriated Base		251,185 211,211				24,500		275,685
	1 / Program increase - unfunded requirement						(30,000)		
	2 / Guided rockets engineering cost growth						(-5,500)		
	FY 2019 OCO (Title IX)		39,974						
01	CAD/PAD, All Types FY 2019 Appropriated Base		10,428 10,428				-1,500		8,928
	2 / Forward funding						(-1,500)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement of Ammunition, Army, 2019/2021 (2034A)

2019

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	Demolition Munitions, All Types		44,661						44,661
	FY 2019 Appropriated Base		44,656						
	FY 2019 OCO (Title IX)		5						
01	Grenades, All Types		19,904				20,000		39,904
	FY 2019 Appropriated Base		19,896						
1 /	Program increase - M18 variants						(20,000)		
	FY 2019 OCO (Title IX)		8						
01	Signals, All Types		10,121				-2,000		8,121
	FY 2019 Appropriated Base		10,121						
2 /	Forward financing						(-2,000)		
01	Simulators, All Types		11,464						11,464
	FY 2019 Appropriated Base		11,464						
01	Ammo Components, All Types		5,224						5,224
	FY 2019 Appropriated Base		5,224						
01	Non-Lethal Ammunition, All Types		4,310				-1,500		2,810
	FY 2019 Appropriated Base		4,310						
2 /	Forward financing						(-1,500)		
01	Items Less Than \$5 Million (AMMO)		11,259						11,259
	FY 2019 Appropriated Base		11,193						
	FY 2019 OCO (Title IX)		66						
01	Ammunition Peculiar Equipment		10,500						10,500
	FY 2019 Appropriated Base		10,500						
01	First Destination Transportation (AMMO)		18,456						18,456
	FY 2019 Appropriated Base		18,456						
01	Closeout Liabilities		100						100
	FY 2019 Appropriated Base		100						
Subtotal Budget Activity 01: Ammunition			1,988,847				-25,695		1,963,152
Budget Activity 02: Ammunition Production Base Support									
02	Industrial Facilities		394,133				56,814		450,947
	FY 2019 Appropriated Base		394,133						
1 /	Program increase						(56,814)		
02	Conventional Munitions Demilitarization		157,535						157,535
	FY 2019 Appropriated Base		157,535						
02	Arms Initiative		3,771						3,771
	FY 2019 Appropriated Base		3,771						
Subtotal Budget Activity 02: Ammunition Production Base Support			555,439				56,814		612,253

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement of Ammunition, Army, 2019/2021 (2034A)**2019**

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
Grand Total Procurement of Ammunition, Army, 2019/2021		2,544,286				31,119		2,575,405
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		2,234,761				41,569		2,276,330
APPROPRIATION, P.L. 115-245 (OCO)		309,525				-10,450		299,075
TOTAL FINANCING - FY 2019 PROGRAM		2,544,286				31,119		2,575,405

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Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Army, 2019/2021 (2035A)**2019**

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: Tactical and Support Vehicles								
01 Tactical Trailers/Dolly Sets		16,512				-7,662		8,850
FY 2019 Appropriated Base		16,512						
2 / Contract award delay						(-7,662)		
01 Semitrailers, Flatbed:		24,951						24,951
FY 2019 Appropriated Base		16,951						
FY 2019 OCO (Title IX)		8,000						
01 Ambulance, 4 LITTER, 5/4 TON, 4x4		70,893				120,000		190,893
FY 2019 Appropriated Base		50,123						
1 / Program increase - HMMWV ambulances						(120,000)		
FY 2019 OCO (Title IX)		20,770						
01 Ground Mobility Vehicles (GMV)		46,988				-4,293		42,695
FY 2019 Appropriated Base		46,988						
2 / Unit cost growth						(-756)		
2 / Fielding excess growth						(-3,537)		
01 Joint Light Tactical Vehicle		1,319,436				-39,999		1,279,437
FY 2019 Appropriated Base		1,319,436						
2 / Unit cost growth						(-9,371)		
2 / ECP excess cost growth						(-13,665)		
2 / Maintain test support level of effort						(-16,963)		
01 Truck, Dump, 20t (CCE)		6,480				-1,419		5,061
FY 2019 Appropriated Base		6,480						
2 / Unit cost growth						(-285)		
2 / Documentation unjustified request						(-1,134)		
01 Family of Medium Tactical Veh (FMTV)		132,882				-9,418		123,464
FY 2019 Appropriated Base		132,882						
2 / Unit cost growth						(-6,138)		
2 / LMTV program management excess growth						(-3,280)		
01 Firetrucks & Associated Firefighting Equip		14,842						14,842
FY 2019 Appropriated Base		14,842						
01 Family of Heavy Tactical Vehicles (FHTV)		253,505				-92,608		160,897
FY 2019 Appropriated Base		138,105						
2 / HET contractor logistics support excess growth						(-15,413)		
2 / Reimbursable to direct conversions unaccounted for						(-1,195)		
FY 2019 OCO (Title IX)		115,400						
Army requested transfer to OP,A BA01 8948DV0021 Heavy Expanded Mobility Tactical Truck Extended Service Program (HEEMTT-ESP)						(-76,000)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:							Fiscal Year Program:		
Other Procurement, Army, 2019/2021 (2035A)							2019		
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	Hvy Expanded Mobile Tactical Truck Ext Serv FY 2019 Appropriated Base		38,574 31,892				71,190		109,764
	2 / Unit cost growth						(-1,514)		
	2 / Prior year carryover						(-3,296)		
	FY 2019 OCO (Title IX)		6,682						
	Army requested transfer from OP,A BA01, 6866D15500						(76,000)		
	Family of Medium Tactical Vehicles (FMTV)								
01	Tactical Wheeled Vehicle Protection Kits FY 2019 Appropriated Base		88,128 38,128						88,128
	FY 2019 OCO (Title IX)		50,000						
01	Modification of In Svc Equip FY 2019 Appropriated Base		264,884 78,507				-8,242		256,642
	2 / Reimbursable to direct conversions unaccounted for						(-3,242)		
	FY 2019 OCO (Title IX)		186,377						
	2 / Kit unit cost growth						(-5,000)		
01	Heavy Armored Vehicle FY 2019 Appropriated Base		790 790						790
01	Passenger Carrying Vehicles FY 2019 Appropriated Base		1,390 1,390						1,390
01	Nontactical Vehicles, Other FY 2019 Appropriated Base		15,415 15,415						15,415
01	Army National Guard HMMWV Modernization FY 2019 Appropriated Base						100,000		100,000
	1 / Program increase						(100,000)		
Subtotal Budget Activity 01: Tactical and Support Vehicles			2,295,670				127,549		2,423,219
Budget Activity 02: Communications and Electronics Equipment									
02	Signal Modernization Program FY 2019 Appropriated Base		150,777 150,777				-68,597		82,180
	2 / Engineering/integration support excess growth						(-4,327)		
	2 / SFAB equipment funded in fiscal year 2018						(-41,000)		
	2 / Reimbursable to direct conversions unaccounted for						(-2,900)		
	2 / TROPO delays						(-20,370)		
02	Tactical Network Technology Mod In Svc FY 2019 Appropriated Base		469,117 469,117				99,250		568,367
	1 / Program increase - TCN-L and NOSC-L equipment SBCTs						(56,000)		
	1 / Program increase - next generation embedded kits for IBCTs						(79,000)		
	2 / Program management excess growth						(-5,750)		
	2 / Unjustified equipment and support growth						(-30,000)		
02	SITUATION INFORMATION TRANSPORT FY 2019 Appropriated Base		62,727 62,727						62,727

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Army, 2019/2021 (2035A)

2019

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 Incident Site Communications Capability		13,895						13,895
	FY 2019 Appropriated Base		13,895						
02	JCSE Equipment (USREDCOM)		4,866						4,866
	FY 2019 Appropriated Base		4,866						
02	Defense Enterprise Wideband Satcom Systems		108,133				-10,500		97,633
	FY 2019 Appropriated Base		108,133						
	2 / Enterprise wideband satellite terminal MET hardware unjustified request						(-3,000)		
	2 / Enterprise wideband sat payload control system support costs excess to need						(-7,500)		
02	Transportable Tactical Command Communications		63,837				13,223		77,060
	FY 2019 Appropriated Base		56,737						
	1 / Program increase						(18,000)		
	2 / Reimbursable to direct conversions unaccounted for						(-4,777)		
	FY 2019 OCO (Title IX)		7,100						
02	SHF Term		13,100						13,100
	FY 2019 Appropriated Base		13,100						
02	Smart-T (SPACE)		9,160				10,000		19,160
	FY 2019 Appropriated Base		9,160						
	1 / Program increase						(10,000)		
02	Global Brdcst Svc - GBS		25,647				-6,175		19,472
	FY 2019 Appropriated Base		25,647						
	2 / Procurement early to need/exceeds requirement						(-6,175)		
02	Enroute Mission Command (EMC)		37,401						37,401
	FY 2019 Appropriated Base		37,401						
02	COE Tactical Server Infrastructure (TSI)		20,500						20,500
	FY 2019 Appropriated Base		20,500						
02	Joint Tactical Radio System		1,560				-1,560		
	FY 2019 OCO (Title IX)		1,560						
	2 / Unjustified request						(-1,560)		
02	Handheld Manpack Small Form Fit (HMS)		351,565				-53,090		298,475
	FY 2019 Appropriated Base		351,565						
	2 / SFAB equipment funded in fiscal year 2018						(-51,591)		
	2 / Site activation carryover						(-1,499)		
02	Radio Terminal Set, Mids Lvt(2)		4,641						4,641
	FY 2019 Appropriated Base		4,641						
02	Tractor Desk		2,187						2,187
	FY 2019 Appropriated Base		2,187						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Army, 2019/2021 (2035A)**2019**

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	Tractor Ride		22,601						22,601
	FY 2019 Appropriated Base		9,411						
	FY 2019 OCO (Title IX)		13,190						
02	Spider Family of Networked Munitions Incr		17,515				-4,170		13,345
	FY 2019 Appropriated Base		17,515						
2 /	Unit cost growth						(-4,170)		
02	Tactical Communications and Protective System		10,368						10,368
	FY 2019 Appropriated Base		819						
	FY 2019 OCO (Title IX)		9,549						
02	Unified Command Suite		17,807				-1,537		16,270
	FY 2019 Appropriated Base		17,807						
2 /	Program management excess growth						(-1,537)		
02	COTS Communications Equipment		213,835				-128,000		85,835
	FY 2019 Appropriated Base		191,835						
2 /	SFAB equipment funded in fiscal year 2018						(-128,000)		
	FY 2019 OCO (Title IX)		22,000						
02	Family of Med Comm for Combat Casualty Care		25,177				-2,951		22,226
	FY 2019 Appropriated Base		25,177						
2 /	Support cost excess growth						(-2,951)		
02	CI Automation Architecture (MIP)		19,540						19,540
	FY 2019 Appropriated Base		9,740						
	FY 2019 OCO (Title IX)		9,800						
02	Defense Military Deception Initiative		2,667						2,667
	FY 2019 Appropriated Base		2,667						
02	Family of Biometrics		8,319						8,319
	FY 2019 Appropriated Base		8,319						
02	Information System Security Program-ISSP		2,000						2,000
	FY 2019 Appropriated Base		2,000						
4 /	Cyberspace Activities FY19								
02	Communications Security (COMSEC)		88,340				-22,760		65,580
	FY 2019 Appropriated Base		88,337						
2 /	In-line network encryptions unit cost growth						(-10,474)		
2 /	Secure voice unit cost growth						(-12,283)		
4 /	Cyberspace Activities FY19								
	FY 2019 OCO (Title IX)		3						
2 /	Unjustified request						(-3)		
4 /	Cyberspace Activities FY19								
02	Defensive CYBER Operations		51,343						51,343
	FY 2019 Appropriated Base		51,343						
4 /	Cyberspace Activities FY19								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Army, 2019/2021 (2035A)

2019

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	Insider Threat Program - Unit Activity Monitor		330						330
	FY 2019 Appropriated Base		330						
	4 / Cyberspace Activities FY19								
02	Persistent Cyber Training Environment		3,000						3,000
	FY 2019 Appropriated Base		3,000						
	4 / Cyberspace Activities FY19								
02	Base Support Communications		35,124				15,123		50,247
	FY 2019 Appropriated Base		34,434						
	1 / Program increase - USAEUR land mobile radios						(17,000)		
	2 / Reimbursable to direct conversions unaccounted for						(-1,877)		
	FY 2019 OCO (Title IX)		690						
02	Information Systems		104,308				-24,244		80,064
	FY 2019 Appropriated Base		95,558						
	2 / Information systems (MCA support)						(-5,295)		
	2 / Information systems (CONUS/Western HEM)						(-5,000)		
	2 / ARCYBER funded in excess to requirement						(-13,949)		
	FY 2019 OCO (Title IX)		8,750						
02	Emergency Management Modernization Program		4,736						4,736
	FY 2019 Appropriated Base		4,736						
02	Home Station Mission Command Centers (HSMCC)		24,479						24,479
	FY 2019 Appropriated Base		24,479						
02	Installation Info Infrastructure Mod Program		276,770				-30,000		246,770
	FY 2019 Appropriated Base		216,433						
	2 / Excess hardware growth						(-20,000)		
	2 / Unjustified growth						(-5,000)		
	2 / Reimbursable to direct conversions unaccounted for						(-5,000)		
	FY 2019 OCO (Title IX)		60,337						
02	JTT/CIBS-M (MIP)		10,268				-1,241		9,027
	FY 2019 Appropriated Base		10,268						
	2 / Program management excess growth						(-1,241)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Army, 2019/2021 (2035A)

2019

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	DCGS-A (MIP)		299,669				-7,909		291,760
	FY 2019 Appropriated Base		261,863						
2 /	Reimbursable to direct conversions unaccounted for						(-7,909)		
	FY 2019 OCO (Title IX)		37,806						
02	Joint Tactical Ground Station (JTAGS) (MIP)		5,434						5,434
	FY 2019 Appropriated Base		5,434						
02	Trojan (MIP)		27,549						27,549
	FY 2019 Appropriated Base		20,623						
	FY 2019 OCO (Title IX)		6,926						
02	Mod of In-Svc Equip (Intel Spt) (MIP)		48,009						48,009
	FY 2019 Appropriated Base		45,998						
	FY 2019 OCO (Title IX)		2,011						
02	CI HUMINT Auto Reprting & Coll(CHARCS)(MIP)		296						296
	FY 2019 Appropriated Base		296						
02	Biometric Tactical Collection Devices (MIP)		5,370						5,370
	FY 2019 OCO (Title IX)		5,370						
02	Items Less Than \$5.0M (MIP)		410						410
	FY 2019 Appropriated Base		410						
02	Lightweight Counter Mortar Radar		9,165				-3,058		6,107
	FY 2019 Appropriated Base		9,165						
2 /	Program management excess growth						(-3,058)		
02	EW Planning & Management Tools (EWPMT)		5,875						5,875
	FY 2019 Appropriated Base		5,875						
02	Air Vigilance (AV) (MIP)		8,497						8,497
	FY 2019 Appropriated Base		8,497						
02	Crew		42,651						42,651
	FY 2019 OCO (Title IX)		42,651						
02	Family of Persistent Surveillance Cap. (MIP)		20,050						20,050
	FY 2019 OCO (Title IX)		20,050						
02	Counterintelligence/Security Countermeasures		12,974						12,974
	FY 2019 OCO (Title IX)		12,974						
02	CI Modernization (MIP)		486						486
	FY 2019 Appropriated Base		486						
02	Sentinel Mods		79,629				-1,877		77,752
	FY 2019 Appropriated Base		79,629						
2 /	Reimbursable to direct conversions unaccounted for						(-1,877)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Army, 2019/2021 (2035A)

2019

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	Night Vision Devices		153,643				-192		153,451
	FY 2019 Appropriated Base		153,180						
	1 / Program increase - digital night visions test devices						(2,500)		
	2 / Laser target locators unit cost savings						(-2,692)		
	FY 2019 OCO (Title IX)		463						
02	Long Range Advanced Scout Surveillance System		2,861						2,861
	FY 2019 OCO (Title IX)		2,861						
02	Small Tactical Optical Rifle Mounted MLRF		22,942				-1,704		21,238
	FY 2019 Appropriated Base		22,882						
	2 / STORM hardware unit cost discrepancy						(-1,704)		
	FY 2019 OCO (Title IX)		60						
02	Radiation Monitoring Systems		17,404				-11		17,393
	FY 2019 Appropriated Base		17,393						
	FY 2019 OCO (Title IX)		11						
	2 / Unjustified request						(-11)		
02	Indirect Fire Protection Family of Systems		297,802				-6,305		291,497
	FY 2019 Appropriated Base		46,740						
	1 / Program increase - C-RAM warn communications enhancements						(30,000)		
	2 / C-RAM enhancements fielding unjustified request						(-6,305)		
	2 / Requirements previously funded						(-30,000)		
	FY 2019 OCO (Title IX)		251,062						
02	Family of Weapon Sights (FWS)		141,262				-15,224		126,038
	FY 2019 Appropriated Base		140,737						
	2 / FWS-S program delays						(-15,224)		
	FY 2019 OCO (Title IX)		525						
02	Profiler		171						171
	FY 2019 Appropriated Base		171						
02	Joint Battle Command - Platform (JBC-P)		431,385				-29,394		401,991
	FY 2019 Appropriated Base		405,239						
	2 / SFAB equipment funded in fiscal year 2018						(-13,358)		
	2 / Reimbursable to direct conversions unaccounted for						(-8,190)		
	FY 2019 OCO (Title IX)		26,146						
	2 / Unjustified program growth						(-7,846)		
02	Joint Effects Targeting System (JETS)		66,574						66,574
	FY 2019 Appropriated Base		66,574						
02	Mod of In-Svc Equip (LLDR)		24,833						24,833
	FY 2019 Appropriated Base		20,783						
	FY 2019 OCO (Title IX)		4,050						

Base for Reprogramming Actions

(Dollars in Thousands)

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Fiscal Year Program:

Other Procurement, Army, 2019/2021 (2035A)

2019

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a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02	Computer Ballistics: LHMBC XM32		9,513						9,513
	FY 2019 Appropriated Base		8,553						
	FY 2019 OCO (Title IX)		960						
02	Mortar Fire Control System		29,149						29,149
	FY 2019 Appropriated Base		21,489						
	FY 2019 OCO (Title IX)		7,660						
02	Counterfire Radars		327,321				-3,171		324,150
	FY 2019 Appropriated Base		162,121						
2 /	Hardware unit cost growth						(-1,503)		
	FFRDC Reductions (8024)						(-492)		
	FY 2019 OCO (Title IX)		165,200						
2 /	Hardware unit cost growth						(-1,176)		
02	Army Command Post Integrated Infrastructure		2,855						2,855
	FY 2019 Appropriated Base		2,855						
02	Fire Support C2 Family		19,153						19,153
	FY 2019 Appropriated Base		19,153						
02	AIR & MSL Defense Planning & Control Sys		33,837				-3,924		29,913
	FY 2019 Appropriated Base		33,837						
2 /	Reimbursable to direct conversions unaccounted for						(-3,924)		
02	Life Cycle Software Support (LCSS)		5,136						5,136
	FY 2019 Appropriated Base		5,136						
02	Network Management Initialization and Service		18,329				-3,242		15,087
	FY 2019 Appropriated Base		18,329						
2 /	Reimbursable to direct conversions unaccounted for						(-3,242)		
02	Maneuver Control System (MCS)		38,015				-8,871		29,144
	FY 2019 Appropriated Base		38,015						
2 /	Reimbursable to direct conversions unaccounted for						(-8,871)		
02	Global Combat Support System-Army (GCSS-A)		15,164						15,164
	FY 2019 Appropriated Base		15,164						
02	Integrated Personnel and Pay System-Army (IPP)		29,239				-12,439		16,800
	FY 2019 Appropriated Base		29,239						
2 /	Release 3.0 delays						(-12,439)		
02	Reconnaissance and Surveying Instrument Set		6,823						6,823
	FY 2019 Appropriated Base		6,823						
02	Mod of In-Svc Equipment (ENFIRE)		1,177						1,177
	FY 2019 Appropriated Base		1,177						
02	Army Training Modernization		12,265						12,265
	FY 2019 Appropriated Base		12,265						

Base for Reprogramming Actions

(Dollars in Thousands)

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Fiscal Year Program:

Other Procurement, Army, 2019/2021 (2035A)

2019

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a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
02	Automated Data Processing Equip		230,350				-10,538		219,812
	FY 2019 Appropriated Base		201,875						
2 /	MACOM automation systems Army-wide hardware excess growth						(-10,538)		
	FY 2019 OCO (Title IX)		28,475						
02	General Fund Enterprise Business Systems Fam		10,976						10,976
	FY 2019 Appropriated Base		10,976						
02	High Perf Computing Mod Pgm (HPCMP)		66,330						66,330
	FY 2019 Appropriated Base		66,330						
02	Contract Writing System		5,927						5,927
	FY 2019 Appropriated Base		5,927						
02	Reserve Component Automation Sys (RCAS)		27,896						27,896
	FY 2019 Appropriated Base		27,896						
02	Tactical Digital Media		4,392						4,392
	FY 2019 Appropriated Base		4,392						
02	Items Less Than \$5M (Surveying Equipment)		1,970						1,970
	FY 2019 Appropriated Base		1,970						
02	Production Base Support (C-E)		506				15,000		15,506
	FY 2019 Appropriated Base		506						
1 /	Program increase - advanced manufacturing						(15,000)		
02	Classified Programs		4,501						4,501
	FY 2019 Appropriated Base		4,501						
02	BCT Emerging Technologies						144,500		144,500
	FY 2019 Appropriated Base								
1 /	Program increase - cyber electromagnetic activities						(144,500)		
Subtotal Budget Activity 02: Communications and Electronics Equipment			4,903,405				-165,588		4,737,817
Budget Activity 03: Other Support Equipment									
03	Protective Systems		2,341						2,341
	FY 2019 Appropriated Base		2,314						
	FY 2019 OCO (Title IX)		27						
03	Family of Non-Lethal Equipment (FNLE)		27,678				6,294		33,972
	FY 2019 Appropriated Base		7,478						
1 /	Program increase - acoustic hailing devices						(7,000)		
	FY 2019 OCO (Title IX)		20,200						
2 /	Acoustic hailing device systems unit cost discrepancy						(-706)		
03	Base Defense Systems (BDS)		39,200						39,200
	FY 2019 OCO (Title IX)		39,200						

Base for Reprogramming Actions

(Dollars in Thousands)

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Other Procurement, Army, 2019/2021 (2035A)

2019

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a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	CBRN Defense		176,271				13,000		189,271
	FY 2019 Appropriated Base		173,954						
	1 / Program increase - personal dosimeters						(13,000)		
	FY 2019 OCO (Title IX)		2,317						
03	Tactical Bridging		98,229				-17,010		81,219
	FY 2019 Appropriated Base		98,229						
	2 / Program management excess growth						(-510)		
	2 / LOCB acquisition strategy change						(-16,500)		
03	Tactical Bridge, Float-Ribbon		64,438				-9,293		55,145
	FY 2019 Appropriated Base		64,438						
	2 / Hardware unit cost growth						(-8,724)		
	2 / Bridge adapter pallet unit cost growth						(-569)		
03	Common Bridge Transporter (CBT) Recap		79,916				-24,524		55,392
	FY 2019 Appropriated Base		79,916						
	2 / CBT recap unit cost growth						(-22,000)		
	2 / FRET unit cost growth						(-1,500)		
	2 / Reimbursable to direct conversions unaccounted for						(-1,024)		
03	Handheld Standoff Minefield Detection Sys-Hst		8,471						8,471
	FY 2019 Appropriated Base		8,471						
03	Grnd Standoff Mine Detectn Sysm (GSTAMIDS)		45,883				-3,882		42,001
	FY 2019 Appropriated Base		29,883						
	2 / Reimbursable to direct conversions unaccounted for						(-2,217)		
	FY 2019 OCO (Title IX)		16,000						
	2 / Unjustified program growth						(-1,665)		
03	Area Mine Detection System (AMDS)		11,595				-5,798		5,797
	FY 2019 Appropriated Base		11,594						
	2 / SREHD hardware contract award delay						(-5,797)		
	FY 2019 OCO (Title IX)		1						
	2 / Unjustified request						(-1)		
03	Husky Mounted Detection System (HMDS)		40,834				-5,000		35,834
	FY 2019 Appropriated Base		40,834						
	2 / Hardware unit cost growth						(-5,000)		
03	Robotic Combat Support System (RCSS)		8,879						8,879
	FY 2019 Appropriated Base		4,029						
	FY 2019 OCO (Title IX)		4,850						
03	EOD Robotics Systems Recapitalization		14,208				3,528		17,736
	FY 2019 Appropriated Base		14,208						
	2 / MTRS unit cost growth						(-1,090)		
	Ground robotics MTRS standardization - Army requested transfer from RDT&E,A BA05, PE 0605053A Ground Robotics						(4,618)		

Base for Reprogramming Actions

(Dollars in Thousands)

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Other Procurement, Army, 2019/2021 (2035A)

2019

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a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	Robotics and Applique Systems		31,456						31,456
	FY 2019 Appropriated Base		31,456						
03	Remote Demolition Systems		1,749				-1		1,748
	FY 2019 Appropriated Base		1,748						
	FY 2019 OCO (Title IX)		1						
2 /	Unjustified request						(-1)		
03	< \$5m, Countermine Equipment		7,829				-1,915		5,914
	FY 2019 Appropriated Base		7,829						
2 /	Hardware unit cost growth						(-1,915)		
03	Family of Boats and Motors		5,806				2,200		8,006
	FY 2019 Appropriated Base		5,806						
1 /	Program increase						(2,200)		
03	Heaters and ECU'S		10,122						10,122
	FY 2019 Appropriated Base		9,852						
	FY 2019 OCO (Title IX)		270						
03	Soldier Enhancement		1,103						1,103
	FY 2019 Appropriated Base		1,103						
03	Personnel Recovery Support System (PRSS)		10,175						10,175
	FY 2019 Appropriated Base		5,875						
	FY 2019 OCO (Title IX)		4,300						
03	Ground Soldier System		94,212				-57,706		36,506
	FY 2019 Appropriated Base		92,487						
2 /	SFAB equipment funded in fiscal year 2018						(-56,000)		
2 /	Reimbursable to direct conversions unaccounted for						(-1,706)		
	FY 2019 OCO (Title IX)		1,725						
03	Mobile Soldier Power		30,774						30,774
	FY 2019 Appropriated Base		30,774						
03	Force Provider		55,800						55,800
	FY 2019 OCO (Title IX)		55,800						
03	Field Feeding Equipment		18,556						18,556
	FY 2019 Appropriated Base		17,521						
	FY 2019 OCO (Title IX)		1,035						
03	Cargo Aerial Del & Personnel Parachute System		46,835						46,835
	FY 2019 Appropriated Base		44,855						
	FY 2019 OCO (Title IX)		1,980						
03	Family of Engr Combat and Construction Sets		17,173				-1,195		15,978
	FY 2019 Appropriated Base		17,173						
2 /	Reimbursable to direct conversions unaccounted for						(-1,195)		
03	Items Less Than \$5M (Eng Spt)		2,000						2,000
	FY 2019 Appropriated Base		2,000						

Base for Reprogramming Actions

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2019

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a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	Quality Surveillance Equipment		1,770				-1,770		
	FY 2019 Appropriated Base		1,770						
	2 / Unjustified request						(-1,770)		
03	Distribution Systems, Petroleum & Water		39,730				-13,259		26,471
	FY 2019 Appropriated Base		39,730						
	2 / Tank rack modules contract award delays						(-2,300)		
	2 / Mobile tactical refueling system contract award delay						(-6,864)		
	2 / Reimbursable to direct conversions unaccounted for						(-4,095)		
03	Combat Support Medical		75,279				27,486		102,765
	FY 2019 Appropriated Base		57,752						
	1 / Program increase - expeditionary medical facilities						(9,000)		
	1 / Program increase - enhanced rotary wing medical kits						(10,000)		
	1 / Program increase - enhanced vehicle medical kits						(10,000)		
	2 / IMMSS unit cost growth						(-1,514)		
	FY 2019 OCO (Title IX)		17,527						
03	Mobile Maintenance Equipment Systems		37,722				-3,243		34,479
	FY 2019 Appropriated Base		37,722						
	2 / Reimbursable to direct conversions unaccounted for						(-3,243)		
03	Items Less Than \$5.0M (Maint Eq)		5,253						5,253
	FY 2019 Appropriated Base		4,985						
	FY 2019 OCO (Title IX)		268						
03	Scrapers, Earthmoving		7,961						7,961
	FY 2019 Appropriated Base		7,961						
03	Hydraulic Excavator		1,355						1,355
	FY 2019 Appropriated Base		1,355						
03	All Terrain Cranes		13,031						13,031
	FY 2019 Appropriated Base		13,031						
03	High Mobility Engineer Excavator (HMEE)		71,748						71,748
	FY 2019 Appropriated Base		46,048						
	FY 2019 OCO (Title IX)		25,700						
03	Enhanced Rapid Airfield Construction Capap		980				7,500		8,480
	FY 2019 Appropriated Base		980						
	1 / Program increase						(7,500)		
03	Const Equip Esp		37,017				-3,257		33,760
	FY 2019 Appropriated Base		37,017						
	2 / HSC unit cost growth						(-1,892)		
	2 / Reimbursable to direct conversions unaccounted for						(-1,365)		
03	Items Less Than \$5.0M (Const Equip)		6,103						6,103
	FY 2019 Appropriated Base		6,103						

Base for Reprogramming Actions

(Dollars in Thousands)

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2019

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a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	Army Watercraft Esp		27,711				-19,203		8,508
	FY 2019 Appropriated Base		27,711						
2 /	SLEP vessels (SCU-2000) contract award delay						(-17,155)		
2 /	Reimbursable to direct conversions unaccounted for						(-2,048)		
03	Items Less Than \$5.0M (Float/Rail)		8,385						8,385
	FY 2019 Appropriated Base		8,385						
03	Generators and Associated Equip		134,341						134,341
	FY 2019 Appropriated Base		133,772						
	FY 2019 OCO (Title IX)		569						
03	Tactical Electric Power Recapitalization		8,333						8,333
	FY 2019 Appropriated Base		8,333						
03	Family of Forklifts		12,901						12,901
	FY 2019 Appropriated Base		12,901						
03	Combat Training Centers Support		123,228				-5,644		117,584
	FY 2019 Appropriated Base		123,228						
2 /	IADS unit cost growth						(-3,844)		
2 /	Ahead of need						(-1,800)		
03	Training Devices, Nonsystem		228,598				-11,000		217,598
	FY 2019 Appropriated Base		228,598						
2 /	DRTS CTR unjustified growth						(-11,000)		
03	Close Combat Tactical Trainer		33,080						33,080
	FY 2019 Appropriated Base		33,080						
03	Aviation Combined Arms Tactical Trainer		32,700						32,700
	FY 2019 Appropriated Base		32,700						
03	Gaming Technology In Support of Army Training		25,161						25,161
	FY 2019 Appropriated Base		25,161						
03	Calibration Sets Equipment		4,270						4,270
	FY 2019 Appropriated Base		4,270						
03	Integrated Family of Test Equipment (IFTE)		85,790				-3,753		82,037
	FY 2019 Appropriated Base		76,295						
2 /	Reimbursable to direct conversions unaccounted for						(-3,753)		
	FY 2019 OCO (Title IX)		9,495						
03	Test Equipment Modernization (TEMOD)		9,806						9,806
	FY 2019 Appropriated Base		9,806						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Army, 2019/2021 (2035A)

2019

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	M25 Stabilized Binocular FY 2019 Appropriated Base FY 2019 OCO (Title IX)		4,401 4,368 33				-33		4,368
	2 / Unjustified request						(-33)		
03	Rapid Equipping Soldier Support Equipment FY 2019 Appropriated Base		27,879 9,879				2,000		29,879
	1 / Program increase - rapid equipping force						(2,000)		
03	FY 2019 OCO (Title IX) Physical Security Systems (OPA3) FY 2019 Appropriated Base		18,000 60,043 54,043				-6,207		53,836
	2 / IDS hardware unit cost growth						(-3,648)		
	2 / Reimbursable to direct conversions unaccounted for						(-2,559)		
03	FY 2019 OCO (Title IX) Base Level Common Equipment FY 2019 Appropriated Base FY 2019 OCO (Title IX)		6,000 8,713 6,633 2,080						8,713
03	Modification of In-Svc Equipment (OPA-3) FY 2019 Appropriated Base		68,997 49,797				-3,608		65,389
	2 / Army watercraft systems installation early to need						(-3,608)		
03	FY 2019 OCO (Title IX) Production Base Support (OTH) FY 2019 Appropriated Base		19,200 2,301 2,301						2,301
03	Special Equipment for User Testing FY 2019 Appropriated Base		11,608 11,608						11,608
03	Tractor Yard FY 2019 Appropriated Base		4,956 4,956						4,956
Subtotal Budget Activity 03: Other Support Equipment			2,172,684				-135,293		2,037,391
Budget Activity 04: Spare and Repair Parts									
04	Initial Spares - C&E FY 2019 Appropriated Base		9,817 9,817						9,817
Subtotal Budget Activity 04: Spare and Repair Parts			9,817						9,817

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Other Procurement, Army, 2019/2021 (2035A)						Fiscal Year Program: 2019		
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 Other Procurement, Army, 2019/2021		9,381,576				-173,332		9,208,244
Financing								
APPROPRIATION, P.L. 115-245 (Base)		7,999,529				-154,838		7,844,691
APPROPRIATION, P.L. 115-245 (OCO)		1,382,047				-18,002		1,364,045
FFRDC Reductions (Section 8024)						-492		
Subtotal General Provisions								-492
TOTAL FINANCING - FY 2019 PROGRAM		9,381,576				-173,332		9,208,244
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. 4 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply. 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:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)**2019**

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 0601101A In-House Laboratory Independent Research (001)		11,585				-6		11,579
FY 2019 Appropriated Base		11,585						
FFRDC Reductions (Section 8024)						(-6)		
01 0601102A Defense Research Sciences (002)		276,912				38,748		315,660
FY 2019 Appropriated Base		276,912						
1 / Program increase - counter-UAS technology						(3,000)		
1 / Basic research program increase						(35,000)		
1 / Program increase - UAV fuel systems enhancements						(1,000)		
FFRDC Reductions (Section 8024)						(-252)		
01 0601103A University Research Initiatives (003)		65,283				-81		65,202
FY 2019 Appropriated Base		65,283						
FFRDC Reductions (Section 8024)						(-81)		
01 0601104A University and Industry Research Centers (004)		92,115				21,888		114,003
FY 2019 Appropriated Base		92,115						
1 / Program increase - material in extreme dynamic						(10,000)		
1 / Basic research program increase						(10,000)		
1 / Program increase - university assisted hypervelocity testing						(2,000)		
FFRDC Reductions (Section 8024)						(-112)		
4 / Cyberspace Activities FY19								
Subtotal Budget Activity 01: Basic Research		445,895				60,549		506,444
Budget Activity 02: Applied Research								
02 0602105A Materials Technology (005)		28,600				54,986		83,586
FY 2019 Appropriated Base		28,600						
1 / Program increase - high performance composite materials						(5,000)		
1 / Program increase - high performance polymers research						(20,000)		
1 / Program increase - highly durable advanced polymers for lightweight armor						(5,000)		
1 / Program increase - materials research for affordability, performance, and environmental sustainability						(10,000)		
1 / Program increase - advanced materials processing						(10,000)		
1 / Program increase - advanced polymers						(5,000)		
FFRDC Reductions (Section 8024)						(-14)		
02 0602120A Sensors and Electronic Survivability (006)		32,366				48,483		80,849
FY 2019 Appropriated Base		32,366						
1 / Program increase - agile manufacturing materials processing						(15,000)		
1 / Program increase - open campus initiative						(4,000)		
1 / Program increase - advanced space data exploitation and integration program						(9,500)		
1 / Program increase - small satellite technology development						(20,000)		
FFRDC Reductions (Section 8024)						(-17)		
02 0602122A TRACTOR HIP (007)		8,674						8,674
FY 2019 Appropriated Base		8,674						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0602126A	TRACTOR JACK (008) FY 2019 Appropriated Base		400						400
02	0602211A	Aviation Technology (009) FY 2019 Appropriated Base		400 64,847 64,847				16,958		81,805
		1 / Program increase - UH-60 Black Hawk main rotor blade modernization						(5,000)		
		1 / Program increase - adaptive flight controls						(7,000)		
		1 / Program increase - aviation and missile technology transfer and innovation						(5,000)		
		FFRDC Reductions (Section 8024)						(-42)		
02	0602270A	Electronic Warfare Technology (010) FY 2019 Appropriated Base		25,571 25,571				-13		25,558
		FFRDC Reductions (Section 8024)						(-13)		
		4 / Cyberspace Activities FY19								
02	0602303A	Missile Technology (011) FY 2019 Appropriated Base		50,183 50,183				41,464		91,647
		1 / Program increase - carbon composite warhead research						(6,500)		
		1 / Program increase - additive manufacturing to support optimized long range precision fires						(10,000)		
		1 / Program increase - air vehicle development and sustainment						(15,000)		
		1 / Program increase - enterprise science and technology prototyping						(10,000)		
		FFRDC Reductions (Section 8024)						(-36)		
02	0602307A	Advanced Weapons Technology (012) FY 2019 Appropriated Base		29,502 29,502				14,966		44,468
		1 / Program increase - high energy laser technology						(10,000)		
		1 / Program increase - COE in high-energy laser and optical technology						(5,000)		
		FFRDC Reductions (Section 8024)						(-34)		
02	0602308A	Advanced Concepts and Simulation (013) FY 2019 Appropriated Base		28,500 28,500				-30		28,470
		FFRDC Reductions (Section 8024)						(-30)		
02	0602601A	Combat Vehicle and Automotive Technology (014) FY 2019 Appropriated Base		70,450 70,450				33,954		104,404
		1 / Program increase - dual-use technology programs						(9,000)		
		1 / Program increase - advanced materials development for survivability						(15,000)		
		1 / Program increase - high electrified vehicles and infrastructure connectivity						(4,000)		
		1 / Program increase - structural thermoplastics for vehicles						(6,000)		
		FFRDC Reductions (Section 8024)						(-46)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0602618A	Ballistics Technology (015) FY 2019 Appropriated Base		75,541 75,541				9,950		85,491
		1 / Program increase - extended range cannon artillery						(5,000)		
		1 / Program increase - warfighter protection technology						(5,000)		
		FFRDC Reductions (Section 8024)						(-50)		
02	0602622A	Chemical, Smoke and Equipment Defeating Technology (016) FY 2019 Appropriated Base		5,032 5,032				-5		5,027
		FFRDC Reductions (Section 8024)						(-5)		
02	0602623A	Joint Service Small Arms Program (017) FY 2019 Appropriated Base		12,394 12,394				-14		12,380
		FFRDC Reductions (Section 8024)						(-14)		
02	0602624A	Weapons and Munitions Technology (018) FY 2019 Appropriated Base		40,444 40,444				342,966		383,410
		1 / Program increase						(25,000)		
		1 / Program increase - advanced processing of insensitive energetic materials						(20,000)		
		1 / Program increase - weapons effectiveness in urban engagement						(15,000)		
		1 / Program increase - extended range cannon artillery						(20,000)		
		1 / Program increase - sensor fused munition						(20,000)		
		1 / Program increase - defense against small UAS						(30,000)		
		1 / Program increase - 120mm cannon fired guided missile						(50,000)		
		1 / Program increase - armament systems integration						(20,000)		
		1 / Program increase - armament systems concepting						(20,000)		
		1 / Program increase - long range hybrid projectiles						(10,000)		
		1 / Program increase - laser weapons accuracy						(23,000)		
		1 / Program increase - lethality - enhanced extended range artillery system						(67,000)		
		1 / Program increase - medium caliber lightweight composite barrels						(10,000)		
		1 / Program increase - novel printed armaments components						(13,000)		
		FFRDC Reductions (Section 8024)						(-34)		
02	0602705A	Electronics and Electronic Devices (019) FY 2019 Appropriated Base		58,283 58,283				38,477		96,760
		1 / Program increase - position, navigation and timing systems						(8,500)		
		1 / Program increase - flexible electronics						(5,000)		
		1 / Program increase - silicon carbide research						(20,000)		
		1 / Program increase - tactical power generation and storage systems						(5,000)		
		FFRDC Reductions (Section 8024)						(-23)		
02	0602709A	Night Vision Technology (020) FY 2019 Appropriated Base		29,582 29,582				3,991		33,573
		1 / Program increase						(4,000)		
		FFRDC Reductions (Section 8024)						(-9)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0602712A	Countermines Systems (021) FY 2019 Appropriated Base		21,244 21,244				5,979		27,223
	1 /	Program increase - developing and improving counter-IED sensors						(3,000)		
	1 /	Program increase - development of soil parameters						(3,000)		
		FFRDC Reductions (Section 8024)						(-21)		
02	0602716A	Human Factors Engineering Technology (022) FY 2019 Appropriated Base		24,131 24,131				-10		24,121
		FFRDC Reductions (Section 8024)						(-10)		
02	0602720A	Environmental Quality Technology (023) FY 2019 Appropriated Base		13,242 13,242				6,227		19,469
	1 /	Program increase - mobile environmental containment						(8,000)		
	2 /	Project 835 duplicative new efforts						(-1,765)		
		FFRDC Reductions (Section 8024)						(-8)		
02	0602782A	Command, Control, Communications Technology (024) FY 2019 Appropriated Base		55,003 55,003				-47		54,956
		FFRDC Reductions (Section 8024)						(-47)		
	4 /	Cyberspace Activities FY19								
02	0602783A	Computer and Software Technology (025) FY 2019 Appropriated Base		14,958 14,958				-10		14,948
		FFRDC Reductions (Section 8024)						(-10)		
02	0602784A	Military Engineering Technology (026) FY 2019 Appropriated Base		78,159 78,159				22,965		101,124
	1 /	Program increase - innovative construction materials for cold regions						(8,000)		
	1 /	Program increase						(5,000)		
	1 /	Program increase - cellulose nanocomposites research						(15,000)		
	1 /	Program increase - vehicle=born IED screening						(1,000)		
	2 /	Robotics for engineer operations (Project T41) unjustified request						(-3,000)		
	2 /	Robotics for engineer operations (Project T45) unjustified request						(-3,000)		
		FFRDC Reductions (Section 8024)						(-35)		
02	0602785A	Manpower/Personnel/Training Technology (027) FY 2019 Appropriated Base		21,862 21,862				-15		21,847
		FFRDC Reductions (Section 8024)						(-15)		
02	0602786A	Warfighter Technology (028) FY 2019 Appropriated Base		40,566 40,566				15,966		56,532
	1 /	Program increase						(5,000)		
	1 /	Program increase - thermal management technologies						(2,000)		
	1 /	Program increase - expeditionary mobile base camp technology						(9,000)		
		FFRDC Reductions (Section 8024)						(-34)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0602787A	Medical Technology (029) FY 2019 Appropriated Base 1 / Program increase - burn patient transfer system FFRDC Reductions (Section 8024)		90,075 90,075				1,928 (2,000) (-72)		92,003
Subtotal Budget Activity 02: Applied Research				919,609				659,116		1,578,725
Budget Activity 03: Advanced Technology Development										
03	0603001A	Warfighter Advanced Technology (030) FY 2019 Appropriated Base 1 / Program increase - non-centroidal helmets for warfighters FFRDC Reductions (Section 8024)		39,338 39,338				2,457 (2,500) (-43)		41,795
03	0603002A	Medical Advanced Technology (031) FY 2019 Appropriated Base 1 / Program increase - peer-reviewed neurotoxin exposure treatment Parkinson's 1 / Program increase - peer-reviewed neurofibromatosis 1 / Program increase - peer-reviewed military burn research FFRDC Reductions (Section 8024)		62,496 62,496				38,946 (16,000) (15,000) (8,000) (-54)		101,442
03	0603003A	Aviation Advanced Technology (032) FY 2019 Appropriated Base 1 / Program increase - rotorcraft automated component tracking 1 / Program increase - future vertical lift capability set 3 1 / Program increase - advanced helicopter seating system 1 / Program increase - surface tolerant adhesive for bonded airframe structure 1 / Program increase - joint tactical aerial resupply vehicle 1 / Program increase - data refinement and optimization for aviation sustainment 1 / Program increase - stretch broken composite material forms FFRDC Reductions (Section 8024)		124,958 124,958				44,453 (6,000) (20,000) (5,000) (5,000) (3,000) (1,600) (4,000) (-147)		169,411
03	0603004A	Weapons and Munitions Advanced Technology (033) FY 2019 Appropriated Base 1 / Program increase 1 / Program increase - advanced development of asset protection technologies 1 / Program increase - accelerate ERCA gun 1 / Program increase - high energy laser 1 / Program increase - long range precision fires Program increase - early long range precision fires hypersonic capability - transfer from line 71 FFRDC Reductions (Section 8024)		102,686 102,686				138,895 (42,000) (5,000) (12,000) (20,000) (35,000) (25,000) (-105)		241,581

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0603005A	Combat Vehicle and Automotive Advanced Technology (034)		119,739				56,883		176,622
		FY 2019 Appropriated Base		119,739						
	1 /	Program increase - lightweight technology for ground combat and tactical vehicles						(10,000)		
	1 /	Program increase - advanced water harvesting technology						(5,000)		
	1 /	Program increase - fuel cell research						(5,000)		
	1 /	Program increase - airless tire technology demonstration						(4,000)		
	1 /	Program increase - HMMWV automotive enhancements						(10,000)		
	1 /	Program increase - HMMWV autonomy						(3,000)		
	1 /	Program increase - HMMWV power system						(2,000)		
	1 /	Program increase - HMMWV torque monitoring						(3,000)		
	1 /	Program increase - multi-sensor augmented reality system for tactical land vehicles						(5,000)		
	1 /	Program increase - combat vehicle weight reduction initiative						(10,000)		
		FFRDC Reductions (Section 8024)						(-117)		
03	0603006A	Space Application Advanced Technology (035)		13,000				35,985		48,985
		FY 2019 Appropriated Base		13,000						
	1 /	Program increase - assured positioning, navigation, and timing for space and missile defense assets						(6,000)		
	1 /	Program increase - global communications research						(10,000)		
	1 /	Program increase - tactical small launch						(20,000)		
		FFRDC Reductions (Section 8024)						(-15)		
03	0603007A	Manpower, Personnel and Training Advanced Technology (036)		8,044				-6		8,038
		FY 2019 Appropriated Base		8,044						
		FFRDC Reductions (Section 8024)						(-6)		
03	0603009A	TRACTOR HIKE (037)		22,631						22,631
		FY 2019 Appropriated Base		22,631						
03	0603015A	Next Generation Training & Simulation Systems (038)		25,682				2,968		28,650
		FY 2019 Appropriated Base		25,682						
	1 /	Program increase - immersive learning environment						(3,000)		
		FFRDC Reductions (Section 8024)						(-32)		
03	0603125A	Combating Terrorism - Technology Development (040)		3,762				32,995		36,757
		FY 2019 Appropriated Base		3,762						
	1 /	Program increase - artificial intelligence enabled sensor networks						(8,000)		
	1 /	Program increase - enhanced propulsion systems for UAS						(6,000)		
	1 /	Program increase - lightweight, low power radar systems						(8,000)		
	1 /	Program increase - long endurance UAV research						(8,000)		
	1 /	Program increase - open source ISR research						(3,000)		
		FFRDC Reductions (Section 8024)						(-5)		
03	0603130A	TRACTOR NAIL (041)		4,896						4,896
		FY 2019 Appropriated Base		4,896						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0603131A	TRACTOR EGGS (042) FY 2019 Appropriated Base		6,041						6,041
03	0603270A	Electronic Warfare Technology (043) FY 2019 Appropriated Base		6,041 31,491 31,491				9,967		41,458
	1 /	Program increase - tactical cyber-electronic warfare readiness initiative						(10,000)		
		FFRDC Reductions (Section 8024)						(-33)		
	4 /	Cyberspace Activities FY19								
03	0603313A	Missile and Rocket Advanced Technology (044) FY 2019 Appropriated Base		61,132 61,132				33,429		94,561
	1 /	Program increase - cybersecurity and supply chain risk management						(10,000)		
	1 /	Program increase - cyber security						(15,000)		
	1 /	Program increase - tactically mobile, shoot-on-the-move SHORAD demonstration						(10,000)		
	2 /	Multi-domain demonstration unjustified request						(-1,500)		
		FFRDC Reductions (Section 8024)						(-71)		
03	0603322A	TRACTOR CAGE (045) FY 2019 Appropriated Base		16,845 16,845						16,845
03	0603461A	High Performance Computing Modernization Program (046) FY 2019 Appropriated Base		183,322 183,322				34,776		218,098
	1 /	Program increase						(35,000)		
		FFRDC Reductions (Section 8024)						(-224)		
03	0603606A	Landmine Warfare and Barrier Advanced Technology FY 2019 Appropriated Base		11,104 11,104				5,993		17,097
	1 /	Program increase - multi-sensor drone swarms for explosive hazard detection						(6,000)		
		FFRDC Reductions (Section 8024)						(-7)		
03	0603607A	Joint Service Small Arms Program (048) FY 2019 Appropriated Base		5,885 5,885				16,914		22,799
	1 /	Program increase - soldier lethality						(16,920)		
		FFRDC Reductions (Section 8024)						(-6)		
03	0603710A	Night Vision Advanced Technology (049) FY 2019 Appropriated Base		61,376 61,376				-63		61,313
		FFRDC Reductions (Section 8024)						(-63)		
03	0603728A	Environmental Quality Technology Demonstrations (050) FY 2019 Appropriated Base		9,136 9,136				19,996		29,132
	1 /	Program increase - autonomous transport innovation						(5,000)		
	1 /	Program increase - environmental sensors for explosives						(2,000)		
	1 /	Program increase - rapid safe advanced carbon nanotechnology materials						(8,000)		
	1 /	Program increase - smart bases						(5,000)		
		FFRDC Reductions (Section 8024)						(-4)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0603734A	Military Engineering Advanced Technology (051) FY 2019 Appropriated Base		25,864				75,574		101,438
		1 / Program increase - secure management of energy generation and storage		25,864				(3,000)		
		1 / Program increase - rapid low energy mobile manufacturing						(3,000)		
		1 / Program increase - additive manufacturing/3-D printing						(2,000)		
		1 / Program increase - advanced polymer development						(20,000)		
		1 / Program increase - bathymetric-topographic LIDAR research						(8,200)		
		1 / Program increase - centrifuge enabled research						(2,500)		
		1 / Program increase - energy technology research in cold and arctic regions						(4,000)		
		1 / Program increase - ERDC collaboration						(2,000)		
		1 / Program increase - extreme terrain research						(4,000)		
		1 / Program increase - natural gas technology						(4,000)		
		1 / Program increase - reliable distributed energy in austere environments						(3,000)		
		1 / Program increase - research facility modernization						(2,000)		
		1 / Program increase - research in the permafrost environment						(4,000)		
		1 / Program increase - resilient energy systems						(1,000)		
		1 / Program increase - secure and resilient power generation in cold region environments						(5,000)		
		1 / Program increase - silicon anode technology						(4,000)		
		1 / Program increase - transportation infrastructure evaluation system						(3,900)		
		FFRDC Reductions (Section 8024)						(-26)		
03	0603772A	Advanced Tactical Computer Science and Sensor Technology (052)		34,883				8,973		43,856
		FY 2019 Appropriated Base		34,883						
		1 / Program increase - assured position, navigation, and timing						(9,000)		
		FFRDC Reductions (Section 8024)						(-27)		
03	0603794A	C3 Advanced Technology (053)		52,387				-55		52,332
		FY 2019 Appropriated Base		52,387						
		FFRDC Reductions (Section 8024)						(-55)		
		4 / Cyberspace Activities FY19								
Subtotal Budget Activity 03: Advanced Technology Development				1,026,698				559,080		1,585,778

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Budget Activity 04: Advanced Component Development and Prototypes								
04 0603305A Army Missile Defense Systems Integration (054)		10,777				49,695		60,472
FY 2019 Appropriated Base		10,777						
1 / Program increase - protection against electronic threats						(5,000)		
1 / Program increase - counter-UAS mission capabilities						(8,700)		
1 / Program increase - electromagnetic attack and protect						(10,000)		
1 / Program increase - inertial measurement unit hardware-in-the-loop						(11,000)		
1 / Program increase - integrated environmental control and power						(15,000)		
FFRDC Reductions (Section 8024)						(-5)		
04 0603327A Air and Missile Defense Systems Engineering (056)		43,802				2,429		46,231
FY 2019 Appropriated Base		42,802						
1 / Program increase - interoperability of integrated air and missile defense						(20,000)		
2 / Demonstration planning and execution excess to need						(-4,340)		
2 / ALPS lack of directed requirement						(-13,200)		
FFRDC Reductions (Section 8024)						(-31)		
FY 2019 OCO (Title IX)		1,000						
04 0603619A Landmine Warfare and Barrier - Adv Dev (057)		45,254				-56		45,198
FY 2019 Appropriated Base		45,254						
FFRDC Reductions (Section 8024)						(-56)		
04 0603627A Smoke, Obscurant and Target Defeating Sys-Adv Dev (058)		24,200				-3,526		20,674
FY 2019 Appropriated Base		22,700						
2 / CBRN unjustified request						(-2,000)		
FFRDC Reductions (Section 8024)						(-26)		
FY 2019 OCO (Title IX)		1,500						
2 / CBRN unjustified request						(-1,500)		
04 0603639A Tank and Medium Caliber Ammunition (059)		41,974				-53		41,921
FY 2019 Appropriated Base		41,974						
FFRDC Reductions (Section 8024)						(-53)		
04 0603645A Armored System Modernization - Adv Dev (060)		119,395				-35,098		84,297
FY 2019 Appropriated Base		119,395						
1 / Program increase - armored advanced fuel cell prototypes						(5,000)		
2 / MFV prototyping acceleration ahead of need						(-40,000)		
FFRDC Reductions (Section 8024)						(-98)		
04 0603747A Soldier Support and Survivability (061)		11,746				-11		11,735
FY 2019 Appropriated Base		8,746						
FFRDC Reductions (Section 8024)						(-11)		
FY 2019 OCO (Title IX)		3,000						
04 0603766A Tactical Electronic Surveillance System - Adv Dev (062)		35,667						35,667
FY 2019 Appropriated Base		35,667						

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04	0603774A	Night Vision Systems Advanced Development (063) FY 2019 Appropriated Base		7,350				-9		7,341
		FFRDC Reductions (Section 8024)		7,350				(-9)		
04	0603779A	Environmental Quality Technology - Dem/Val (064) FY 2019 Appropriated Base		14,749				-18		14,731
		FFRDC Reductions (Section 8024)		14,749				(-18)		
04	0603790A	NATO Research and Development (065) FY 2019 Appropriated Base		3,687				-5		3,682
		FFRDC Reductions (Section 8024)		3,687				(-5)		
04	0603801A	Aviation - Adv Dev (066) FY 2019 Appropriated Base		10,793				75,387		86,180
		FFRDC Reductions (Section 8024)		10,793				(75,400)		
	1 /	Program increase - future vehicle lift						(-13)		
04	0603804A	Logistics and Engineer Equipment - Adv Dev (067) FY 2019 Appropriated Base		14,248				2,982		17,230
		FFRDC Reductions (Section 8024)		14,248				(3,000)		
	1 /	Program increase - tactical electric program research for remote and forward operating bases						(-18)		
04	0603807A	Medical Systems - Adv Dev (068) FY 2019 Appropriated Base		34,284				4,960		39,244
		FFRDC Reductions (Section 8024)		34,284				(5,000)		
	2 /	Program increase - transport telemedicine						(-40)		
04	0603827A	Soldier Systems - Advanced Development (069) FY 2019 Appropriated Base		18,044				12,978		31,022
		FFRDC Reductions (Section 8024)		18,044				(8,000)		
	1 /	Program increase - enhanced lightweight armor and combat helmets						(5,000)		
	1 /	Program increase - next generation body armor						(-22)		
04	0604017A	Robotics Development (070) FY 2019 Appropriated Base		95,660				-21,292		74,368
		FFRDC Reductions (Section 8024)		95,660				(-21,200)		
	2 /	RCV experimental risk reduction and prototyping concurrency						(-92)		
04	0604020A	Cross Functional Team (CFT) Advanced Development & Prototyping (071) FY 2019 Appropriated Base		38,000				-28,512		9,488
		FFRDC Reductions (Section 8024)		38,000				(-28,500)		
	2 /	Unjustified request						(-12)		
04	0604100A	Analysis Of Alternatives (072) FY 2019 Appropriated Base		9,765				-12		9,753
		FFRDC Reductions (Section 8024)		9,765				(-12)		
04	0604113A	Future Tactical Unmanned Aircraft System (FTUAS) (073) FY 2019 Appropriated Base		12,393						12,393
		FFRDC Reductions (Section 8024)		12,393						

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04	0604114A	Lower Tier Air Missile Defense (LTAMD) Sensor (074) FY 2019 Appropriated Base		120,374 120,374				-31,126		89,248
	2 /	Contracting award planning early to need						(-2,515)		
	2 /	Testing early to need						(-8,500)		
	2 /	TMRR contract excess funding						(-20,000)		
		FFRDC Reductions (Section 8024)						(-111)		
04	0604115A	Technology Maturation Initiatives (075) FY 2019 Appropriated Base		95,347 95,347				-118		95,229
		FFRDC Reductions (Section 8024)						(-118)		
04	0604117A	Maneuver - Short Range Air Defense (M-SHORAD) (076) FY 2019 Appropriated Base		118,085 95,085				-39,069		79,016
	2 /	Program growth ahead of acquisition strategy						(-39,000)		
		Transfer from title IX						(23,000)		
		FFRDC Reductions (Section 8024)						(-69)		
		FY 2019 OCO (Title IX)		23,000						
		Transfer to title IV						(-23,000)		
04	0604118A	TRACTOR BEAM (077) FY 2019 Appropriated Base		52,894 52,894						52,894
04	0604121A	Synthetic Training Environment Refinement & Prototyping (079) FY 2019 Appropriated Base		77,939 77,939				-38,049		39,890
	2 /	Delayed new start effort						(-38,000)		
		FFRDC Reductions (Section 8024)						(-49)		
04	0604319A	Indirect Fire Protection Capability Increment 2-Intercept (IFPC2) (080) FY 2019 Appropriated Base		51,030 51,030				-10,051		40,979
	2 /	Schedule delay						(-10,000)		
		FFRDC Reductions (Section 8024)						(-51)		
04	0305251A	Cyberspace Operations Forces and Force Support (081) FY 2019 Appropriated Base		65,817 65,817				-13,000		52,817
	2 /	CORA-P funded in line 177						(-13,000)		
	4 /	Cyberspace Activities FY19								
04	1206120A	Assured Positioning, Navigation and Timing (PNT) (082) FY 2019 Appropriated Base		146,300 146,300				-17,660		128,640
	2 /	Prior year carryover due to program delay						(-17,500)		
		FFRDC Reductions (Section 8024)						(-160)		
04	1206308A	Army Space Systems Integration (083) FY 2019 Appropriated Base		38,319 38,319				-12		38,307
		FFRDC Reductions (Section 8024)						(-12)		
Subtotal Budget Activity 04: Advanced Component Development and Prototypes				1,357,893				-89,246		1,268,647
Budget Activity 05: System Development and Demonstration										
05	0604201A	Aircraft Avionics (084) FY 2019 Appropriated Base		32,293 32,293				-40		32,253
		FFRDC Reductions (Section 8024)						(-40)		

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05	0604270A	Electronic Warfare Development (085) FY 2019 Appropriated Base		78,699 78,699				-20,072		58,627
		2 / Funding excess to need FFRDC Reductions (Section 8024)						(-20,000) (-72)		
05	0604328A	TRACTOR CAGE (088) FY 2019 Appropriated Base		29,050 17,050						29,050
		FY 2019 OCO (Title IX)		12,000						
05	0604601A	Infantry Support Weapons (089) FY 2019 Appropriated Base		83,155 83,155				-19,362		63,793
		1 / Program increase - soldier enhancement program						(6,200)		
		1 / Program increase - shoulder launched munition evaluation						(2,000)		
		1 / Program increase - cannon life extension program						(1,500)		
		2 / NGSAR EMD funding ahead of need						(-22,000)		
		2 / Small arms fire control funding ahead of requirement						(-10,000)		
		3 / Transfer from BA 05 PE 0604713A Combat Feeding, Clothing, and Equipment						(3,000)		
		FFRDC Reductions (Section 8024)						(-62)		
05	0604604A	Medium Tactical Vehicles (090) FY 2019 Appropriated Base		3,704 3,704				-5		3,699
		FFRDC Reductions (Section 8024)						(-5)		
05	0604611A	JAVELIN (091) FY 2019 Appropriated Base		10,623 10,623				-5,007		5,616
		2 / Schedule delays						(-5,000)		
		FFRDC Reductions (Section 8024)						(-7)		
05	0604622A	Family of Heavy Tactical Vehicles (092) FY 2019 Appropriated Base		11,950 11,950				-15		11,935
		FFRDC Reductions (Section 8024)						(-15)		
05	0604633A	Air Traffic Control (093) FY 2019 Appropriated Base		12,347 12,347				-15		12,332
		FFRDC Reductions (Section 8024)						(-15)		
05	0604642A	Light Tactical Wheeled Vehicles (095) FY 2019 Appropriated Base		8,212 8,212				-6,936		1,276
		2 / Excess GMV test funding						(-2,705)		
		2 / JTLV-RV test funding ahead of need						(-4,229)		
		FFRDC Reductions (Section 8024)						(-2)		
05	0604645A	Armored Systems Modernization (ASM) - Eng Dev (096) FY 2019 Appropriated Base		393,613 393,613				-20,276		373,337
		2 / Excess growth						(-19,813)		
		FFRDC Reductions (Section 8024)						(-463)		
05	0604710A	Night Vision Systems - Eng Dev (097) FY 2019 Appropriated Base		139,614 139,614				4,828		144,442
		1 / Program increase - next generation FLIR						(6,000)		
		2 / ENVG-B follow-on test funding ahead of need						(-1,000)		
		FFRDC Reductions (Section 8024)						(-172)		

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05	0604713A	Combat Feeding, Clothing, and Equipment (098) FY 2019 Appropriated Base		4,507 4,507				-5		4,502
	1 /	Program increase - modular glove system						(3,000)		
	3 /	Transfer to BA 05 PE 0604601A Infantry Support Weapons						(-3,000)		
		FFRDC Reductions (Section 8024)						(-5)		
05	0604715A	Non-System Training Devices - Eng Dev (099) FY 2019 Appropriated Base		49,436 49,436				-5,055		44,381
	2 /	Historical underexecution						(-5,000)		
		FFRDC Reductions (Section 8024)						(-55)		
05	0604741A	Air Defense Command, Control and Intelligence - Eng Dev (100) FY 2019 Appropriated Base		214,472 95,172				-2,099		212,373
	1 /	Program increase - C-RAM communication enhancements						(5,000)		
	1 /	Program increase - all digital radar						(8,000)		
	2 /	Prior year carryover						(-15,000)		
		FFRDC Reductions (Section 8024)						(-99)		
		FY 2019 OCO (Title IX)		119,300						
05	0604742A	Constructive Simulation Systems Development (101) FY 2019 Appropriated Base		22,628 22,628				-28		22,600
		FFRDC Reductions (Section 8024)						(-28)		
05	0604746A	Automatic Test Equipment Development (102) FY 2019 Appropriated Base		13,297 13,297				-1,515		11,782
	2 /	Prior year carryover						(-1,500)		
		FFRDC Reductions (Section 8024)						(-15)		
05	0604760A	Distributive Interactive Simulations (DIS) - Eng Dev (103) FY 2019 Appropriated Base		9,145 9,145				-11		9,134
		FFRDC Reductions (Section 8024)						(-11)		
05	0604768A	Brilliant Anti-Armor Submunition (BAT) (104) FY 2019 Appropriated Base		9,894 9,894				-3,008		6,886
	2 /	Prior year carryover						(-3,000)		
		FFRDC Reductions (Section 8024)						(-8)		
05	0604780A	Combined Arms Tactical Trainer (CATT) Core (105) FY 2019 Appropriated Base		21,964 21,964				-28		21,936
		FFRDC Reductions (Section 8024)						(-28)		
05	0604798A	Brigade Analysis, Integration and Evaluation (106) FY 2019 Appropriated Base		49,288 49,288				-38		49,250
		FFRDC Reductions (Section 8024)						(-38)		
05	0604802A	Weapons and Munitions - Eng Dev (107) FY 2019 Appropriated Base		183,100 183,100				-10,356		172,744
	2 /	NGSW ammo EMD funding ahead of need						(-4,250)		
	2 /	AMP fuze risk reduction excess to need						(-5,891)		
		FFRDC Reductions (Section 8024)						(-215)		

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05	0604804A	Logistics and Engineer Equipment - Eng Dev (108) FY 2019 Appropriated Base		79,706				-3,318		76,388
		2 / Delayed new start effort		79,706				(-3,225)		
		FFRDC Reductions (Section 8024)						(-93)		
05	0604805A	Command, Control, Communications Systems - Eng Dev (109) FY 2019 Appropriated Base		15,970				-20		15,950
		FFRDC Reductions (Section 8024)		15,970				(-20)		
05	0604807A	Medical Materiel/Medical Biological Defense Equipment - Eng Dev (110) FY 2019 Appropriated Base		44,542				-47		44,495
		FFRDC Reductions (Section 8024)		44,542				(-47)		
05	0604808A	Landmine Warfare/Barrier - Eng Dev (111) FY 2019 Appropriated Base		50,817				-7,753		43,064
		2 / Next generation advanced bomb suit testing early to need		50,817				(-2,000)		
		2 / Prior year carryover						(-5,700)		
		FFRDC Reductions (Section 8024)						(-53)		
05	0604818A	Army Tactical Command & Control Hardware & Software (112) FY 2019 Appropriated Base		178,693				-9,086		169,607
		1 / Program increase - server size and weight reduction		178,693				(5,000)		
		2 / Command post integrated infrastructure delayed new start						(-10,000)		
		2 / Program management excess growth						(-1,386)		
		2 / TNOM funding ahead of need						(-2,500)		
		FFRDC Reductions (Section 8024)						(-200)		
05	0604820A	Radar Development (113) FY 2019 Appropriated Base		39,338				-49		39,289
		FFRDC Reductions (Section 8024)		39,338				(-49)		
05	0604822A	General Fund Enterprise Business System (GFEBS) (114) FY 2019 Appropriated Base		37,851				-1,041		36,810
		2 / Increment II acquisition planning early to need		37,851				(-995)		
		FFRDC Reductions (Section 8024)						(-46)		
05	0604823A	Firefinder (115) FY 2019 Appropriated Base		45,473				-18,034		27,439
		2 / Hypervelocity armament system delayed new start		45,473				(-18,000)		
		FFRDC Reductions (Section 8024)						(-34)		
05	0604827A	Soldier Systems - Warrior Dem/Val (116) FY 2019 Appropriated Base		10,395				-13		10,382
		FFRDC Reductions (Section 8024)		10,395				(-13)		
05	0604852A	Suite of Survivability Enhancement Systems - EMD (117) FY 2019 Appropriated Base		69,204				-16,365		52,839
		2 / Army revised Stryker test requirements		69,204				(-16,300)		
		FFRDC Reductions (Section 8024)						(-65)		

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05	0604854A	Artillery Systems - EMD (118) FY 2019 Appropriated Base		1,781 1,781				-2		1,779
		FFRDC Reductions (Section 8024)						(-2)		
05	0605013A	Information Technology Development (119) FY 2019 Appropriated Base		113,758 113,758				-36,072		77,686
		2 / Prior year carryover						(-19,000)		
		2 / Project 73B program management excess growth						(-17,000)		
		FFRDC Reductions (Section 8024)						(-72)		
05	0605018A	Integrated Personnel and Pay System-Army (IPPS-A) (120) FY 2019 Appropriated Base		166,603 166,603				-1,704		164,899
		2 / Program management growth						(-1,500)		
		FFRDC Reductions (Section 8024)						(-204)		
05	0605028A	Armored Multi-Purpose Vehicle (AMPV) (121) FY 2019 Appropriated Base		118,239 118,239				-6,418		111,821
		2 / Program management support excess to need						(-6,279)		
		FFRDC Reductions (Section 8024)						(-139)		
05	0605029A	Integrated Ground Security Surveillance Response Capability (IGSSR-C) (122) FY 2019 Appropriated Base		3,211 3,211				-4		3,207
		FFRDC Reductions (Section 8024)						(-4)		
05	0605030A	Joint Tactical Network Center (JTNC) (123) FY 2019 Appropriated Base		15,889 15,889				-20		15,869
		FFRDC Reductions (Section 8024)						(-20)		
05	0605031A	Joint Tactical Network (JTN) (124) FY 2019 Appropriated Base		41,972 41,972				-52		41,920
		FFRDC Reductions (Section 8024)						(-52)		
05	0605032A	TRACTOR TIRE (125) FY 2019 Appropriated Base		107,926 41,166						107,926
		FY 2019 OCO (Title IX)		66,760						
05	0605033A	Ground-Based Operational Surveillance System - Expeditionary (GBOSS-E) (126) FY 2019 Appropriated Base		5,175 5,175				-6		5,169
		FFRDC Reductions (Section 8024)						(-6)		
05	0605034A	Tactical Security System (TSS) (127) FY 2019 Appropriated Base		4,496 4,496				-6		4,490
		FFRDC Reductions (Section 8024)						(-6)		
05	0605035A	Common Infrared Countermeasures (CIRCM) (128) FY 2019 Appropriated Base		53,848 51,178				-20,039		33,809
		2 / Prior year carryover due to program delay						(-20,000)		
		FFRDC Reductions (Section 8024)						(-39)		
		FY 2019 OCO (Title IX)		2,670						

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05	0605036A	Combating Weapons of Mass Destruction (CWMD) (129) FY 2019 Appropriated Base		11,311				-14		11,297
		FFRDC Reductions (Section 8024)		11,311				(-14)		
05	0605038A	Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) Sensor Suite (131) FY 2019 Appropriated Base		17,154				-2,019		15,135
		2 / Excess test funding due to program delay		17,154				(-2,000)		
		FFRDC Reductions (Section 8024)						(-19)		
05	0605041A	Defensive CYBER Tool Development (132) FY 2019 Appropriated Base		36,626				-2,830		33,796
		2 / Prior year carryover		36,626				(-2,830)		
		4 / Cyberspace Activities FY19								
05	0605042A	Tactical Network Radio Systems (Low-Tier) (133) FY 2019 Appropriated Base		3,829				-4		3,825
		FFRDC Reductions (Section 8024)		3,829				(-4)		
05	0605047A	Contract Writing System (134) FY 2019 Appropriated Base		41,928				-52		41,876
		FFRDC Reductions (Section 8024)		41,928				(-52)		
05	0605049A	Missile Warning System Modernization (MWSM) (135) FY 2019 Appropriated Base		28,276				-20,010		8,266
		2 / Funding early to need		28,276				(-20,000)		
		FFRDC Reductions (Section 8024)						(-10)		
05	0605051A	Aircraft Survivability Development (136) FY 2019 Appropriated Base		56,898				-27		56,871
		FFRDC Reductions (Section 8024)		21,965				(-27)		
		FY 2019 OCO (Title IX)		34,933						
05	0605052A	Indirect Fire Protection Capability Inc 2 - Block 1 (137) FY 2019 Appropriated Base		157,710				-25,427		132,283
		2 / Developmental testing early to need		157,710				(-13,263)		
		2 / Unjustified request						(-12,000)		
		FFRDC Reductions (Section 8024)						(-164)		
05	0605053A	Ground Robotics (138) FY 2019 Appropriated Base		86,167				-14,732		71,435
		2 / CRS(H) program management excess to need		86,167				(-2,026)		
		2 / SMET contract delay						(-8,000)		
		Army requested transfer ground robotics MTRS standardization OP,A line 133						(-4,618)		
		FFRDC Reductions (Section 8024)						(-88)		
05	0605054A	Emerging Technology Initiatives (139) FY 2019 Appropriated Base		42,866				-53		42,813
		FFRDC Reductions (Section 8024)		42,866				(-53)		
05	0605380A	AMF Joint Tactical Radio System (JTRS) (140) FY 2019 Appropriated Base		15,984				-20		15,964
		FFRDC Reductions (Section 8024)		15,984				(-20)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0605450A	Joint Air-to-Ground Missile (JAGM) (141) FY 2019 Appropriated Base		11,773				-15		11,758
		FFRDC Reductions (Section 8024)		11,773				(-15)		
05	0605457A	Army Integrated Air and Missile Defense (AIAMD) (142) FY 2019 Appropriated Base		277,607				44,656		322,263
		1 / Program increase - accelerated integration to counter emerging threats		277,607				(30,000)		
		1 / Program increase - cyber security research						(15,000)		
		FFRDC Reductions (Section 8024)						(-344)		
05	0605766A	National Capabilities Integration (MIP) (143) FY 2019 Appropriated Base		12,340						12,340
				12,340						
05	0605812A	Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Ph (144) FY 2019 Appropriated Base		2,686				-2,686		
				2,686						
		2 / Funds excess to need						(-2,686)		
05	0605830A	Aviation Ground Support Equipment (145) FY 2019 Appropriated Base		2,706				4,997		7,703
				2,706						
		1 / Program increase - next generation health monitoring system						(5,000)		
		FFRDC Reductions (Section 8024)						(-3)		
05	0303032A	TROJAN - RH12 (147) FY 2019 Appropriated Base		5,721						5,721
				4,521						
		FY 2019 OCO (Title IX)		1,200						
05	0304270A	Electronic Warfare Development (150) FY 2019 Appropriated Base		8,922						8,922
				8,922						
05	1205117A	Tractor Bears (151) FY 2019 Appropriated Base		23,170						23,170
				23,170						
Subtotal Budget Activity 05: System Development and Demonstration				3,429,552				-227,328		3,202,224
Budget Activity 06: Management Support										
06	0604256A	Threat Simulator Development (152) FY 2019 Appropriated Base		12,835				34,487		47,322
				12,835						
		1 / Program increase - integrated threat force cyber threat simulators						(6,000)		
		1 / Program increase - threat cyberspace operations						(10,000)		
		1 / Program increase - cyber security operations center						(18,500)		
		FFRDC Reductions (Section 8024)						(-13)		
06	0604258A	Target Systems Development (153) FY 2019 Appropriated Base		12,135				19,985		32,120
				12,135						
		1 / Program increase - cyber virtualization center						(20,000)		
		FFRDC Reductions (Section 8024)						(-15)		
06	0604759A	Major T&E Investment (154) FY 2019 Appropriated Base		82,996				-103		82,893
				82,996						
		FFRDC Reductions (Section 8024)						(-103)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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
06	0605103A	Rand Arroyo Center (155) FY 2019 Appropriated Base		19,821 19,821				-25		19,796
		FFRDC Reductions (Section 8024)						(-25)		
06	0605301A	Army Kwajalein Atoll (156) FY 2019 Appropriated Base		246,574 246,574				-299		246,275
		FFRDC Reductions (Section 8024)						(-299)		
06	0605326A	Concepts Experimentation Program (157) FY 2019 Appropriated Base		30,430 30,430				-36		30,394
		FFRDC Reductions (Section 8024)						(-36)		
06	0605601A	Army Test Ranges and Facilities (159) FY 2019 Appropriated Base		305,759 305,759				9,875		315,634
	1 /	Program increase - distributed environmental for system-of-system cyber security testing						(10,000)		
		FFRDC Reductions (Section 8024)						(-125)		
06	0605602A	Army Technical Test Instrumentation and Targets (160) FY 2019 Appropriated Base		62,379 62,379				22,426		84,805
	1 /	Program increase - cyber security of space and missile defense assets						(22,500)		
		FFRDC Reductions (Section 8024)						(-74)		
06	0605604A	Survivability/Lethality Analysis (161) FY 2019 Appropriated Base		40,496 40,496				-16		40,480
		FFRDC Reductions (Section 8024)						(-16)		
06	0605606A	Aircraft Certification (162) FY 2019 Appropriated Base		3,941 3,941				-5		3,936
		FFRDC Reductions (Section 8024)						(-5)		
06	0605702A	Meteorological Support to RDT&E Activities (163) FY 2019 Appropriated Base		9,767 9,767				-8		9,759
		FFRDC Reductions (Section 8024)						(-8)		
06	0605706A	Material Systems Analysis (164) FY 2019 Appropriated Base		21,226 21,226				-3		21,223
		FFRDC Reductions (Section 8024)						(-3)		
06	0605709A	Exploitation of Foreign Items (165) FY 2019 Appropriated Base		13,026 13,026						13,026
06	0605712A	Support of Operational Testing (166) FY 2019 Appropriated Base		52,718 52,718				-13		52,705
		FFRDC Reductions (Section 8024)						(-13)		
06	0605716A	Army Evaluation Center (167) FY 2019 Appropriated Base		57,049 57,049				-10		57,039
		FFRDC Reductions (Section 8024)						(-10)		
06	0605718A	Army Modeling & Sim X-Cmd Collaboration & Integ (168) FY 2019 Appropriated Base		2,801 2,801				-3		2,798
		FFRDC Reductions (Section 8024)						(-3)		
06	0605801A	Programwide Activities (169) FY 2019 Appropriated Base		60,942 60,942				-21		60,921
		FFRDC Reductions (Section 8024)						(-21)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
06	0605803A	Technical Information Activities (170) FY 2019 Appropriated Base		29,050 29,050				-26		29,024
		FFRDC Reductions (Section 8024)						(-26)		
06	0605805A	Munitions Standardization, Effectiveness and Safety (171) FY 2019 Appropriated Base		42,332 42,332				29,947		72,279
		1 / Program increase - transformative technologies for propulsion manufacturing processes						(11,000)		
		1 / Program increase - industrial base resiliency						(5,000)		
		1 / Program increase -life cycle pilot process						(10,000)		
		1 / Program increase - polymer cased small arms ammunition						(4,000)		
		FFRDC Reductions (Section 8024)						(-53)		
06	0605857A	Environmental Quality Technology Mgmt Support (172) FY 2019 Appropriated Base		3,216 3,216				-5		3,211
		FFRDC Reductions (Section 8024)						(-5)		
06	0605898A	Army Direct Report Headquarters - R&D - MHA (173) FY 2019 Appropriated Base		54,145 54,145				-15		54,130
		FFRDC Reductions (Section 8024)						(-15)		
06	0606001A	Military Ground-Based CREW Technology (174) FY 2019 Appropriated Base		4,896 4,896				-6		4,890
		FFRDC Reductions (Section 8024)						(-6)		
06	0606002A	Ronald Reagan Ballistic Missile Defense Test Site (175) FY 2019 Appropriated Base		63,011 63,011				-71		62,940
		FFRDC Reductions (Section 8024)						(-71)		
06	0606003A	CounterIntel and Human Intel Modernization (176) FY 2019 Appropriated Base		2,636 2,636						2,636
06	0606942A	Assessments and Evaluations Cyber Vulnerabilities (177) FY 2019 Appropriated Base		88,300 88,300						88,300
		4 / Cyberspace Activities FY19								
Subtotal Budget Activity 06: Management Support				1,322,481				116,055		1,438,536
Budget Activity 07: Operational System Development										
07	0603778A	MLRS Product Improvement Program (181) FY 2019 Appropriated Base		8,886 8,886				-2,009		6,877
		2 / Prior year carryover						(-2,000)		
		FFRDC Reductions (Section 8024)						(-9)		
07	0603813A	TRACTOR PULL (182) FY 2019 Appropriated Base		4,067 4,067						4,067
07	0605024A	Anti-Tamper Technology Support (183) FY 2019 Appropriated Base		4,254 4,254				2,997		7,251
		1 / Program increase						(3,000)		
		FFRDC Reductions (Section 8024)						(-3)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)**2019**

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	0607131A	Weapons and Munitions Product Improvement Programs (184)		18,570				-19		18,551
		FY 2019 Appropriated Base		16,022						
		FFRDC Reductions (Section 8024)						(-19)		
		FY 2019 OCO (Title IX)		2,548						
07	0607133A	TRACTOR SMOKE (185)		12,357						12,357
		FY 2019 Appropriated Base		4,577						
		FY 2019 OCO (Title IX)		7,780						
07	0607134A	Long Range Precision Fires (LRPF) (186)		186,475				-27,197		159,278
		FY 2019 Appropriated Base		186,475						
	2 /	Excess program growth						(-25,000)		
	2 /	Program management excess growth						(-2,000)		
		FFRDC Reductions (Section 8024)						(-197)		
07	0607135A	Apache Product Improvement Program (187)		31,049				-7,030		24,019
		FY 2019 Appropriated Base		31,049						
	2 /	Product development previously funded						(-6,000)		
	2 /	Testing previously funded						(-1,000)		
		FFRDC Reductions (Section 8024)						(-30)		
07	0607136A	Blackhawk Product Improvement Program (188)		35,240				-44		35,196
		FY 2019 Appropriated Base		35,240						
		FFRDC Reductions (Section 8024)						(-44)		
07	0607137A	Chinook Product Improvement Program (189)		157,822				-13,100		144,722
		FY 2019 Appropriated Base		157,822						
	2 /	Advanced Chinook rotor blade previously funded						(-3,921)		
	2 /	Program management support excess growth						(-4,000)		
	2 /	Block II EMD excess growth						(-5,000)		
		FFRDC Reductions (Section 8024)						(-179)		
07	0607138A	Fixed Wing Product Improvement Program (190)		4,189				-1,909		2,280
		FY 2019 Appropriated Base		4,189						
	2 /	Support costs unjustified growth						(-1,906)		
		FFRDC Reductions (Section 8024)						(-3)		
07	0607139A	Improved Turbine Engine Program (191)		192,637				-3,734		188,903
		FY 2019 Appropriated Base		192,637						
	2 /	Test funding ahead of need						(-3,500)		
		FFRDC Reductions (Section 8024)						(-234)		
07	0607142A	Aviation Rocket System Product Improvement and Development (194)		60,860				-22,408		38,452
		FY 2019 Appropriated Base		60,860						
	2 /	Contract award delays						(-3,360)		
	2 /	Lightweight precision munition lack of strategy						(-19,000)		
		FFRDC Reductions (Section 8024)						(-48)		
07	0607143A	Unmanned Aircraft System Universal Products (195)		52,019				-13,688		38,331
		FY 2019 Appropriated Base		52,019						
	2 /	Unjustified growth						(-13,641)		
		FFRDC Reductions (Section 8024)						(-47)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0607665A	Family of Biometrics (196) FY 2019 Appropriated Base		2,400				-3		2,397
		FFRDC Reductions (Section 8024)		2,400				(-3)		
07	0607865A	Patriot Product Improvement (197) FY 2019 Appropriated Base		65,369				9,919		75,288
		1 / Program increase		65,369				(10,000)		
		FFRDC Reductions (Section 8024)						(-81)		
07	0202429A	Aerostat Joint Project - COCOM Exercise (198) FY 2019 Appropriated Base		1				-1		
		2 / Program shutdown previously funded		1				(-1)		
07	0203728A	Joint Automated Deep Operation Coordination System (JADOCS) (199) FY 2019 Appropriated Base		30,954				-39		30,915
		FFRDC Reductions (Section 8024)		30,954				(-39)		
07	0203735A	Combat Vehicle Improvement Programs (200) FY 2019 Appropriated Base		411,927				-75,864		336,063
		1 / Program increase - advanced Abrams thermal management system and integration		411,927				(16,000)		
		1 / Program increase - certification of wireless intercom capabilities						(5,000)		
		1 / Program increase - improved recovery vehicle (M88A2 Hercules)						(18,000)		
		1 / Program increase -Stryker power system						(3,000)		
		2 / Bradley ECP A5 excess						(-80,000)		
		2 / Hercules prior year carryover						(-6,000)		
		2 / Abrams ECP V3 excess funding due to test delay						(-5,000)		
		2 / Abrams ECP V4 excess growth						(-10,000)		
		2 / Stryker 30mm ECP delay						(-16,500)		
		FFRDC Reductions (Section 8024)						(-364)		
07	0203743A	155mm Self-Propelled Howitzer Improvements (202) FY 2019 Appropriated Base		40,676				-3,521		37,155
		2 / Delayed new start effort		40,676				(-3,475)		
		FFRDC Reductions (Section 8024)						(-46)		
07	0203744A	Aircraft Modifications/Product Improvement Programs (203) FY 2019 Appropriated Base		17,706				-22		17,684
		FFRDC Reductions (Section 8024)		17,706				(-22)		
07	0203752A	Aircraft Engine Component Improvement Program (204) FY 2019 Appropriated Base		146						146
		Digitization (205)		146						
07	0203758A	Digitization (205) FY 2019 Appropriated Base		6,316				-8		6,308
		FFRDC Reductions (Section 8024)		6,316				(-8)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0203801A	Missile/Air Defense Product Improvement Program (206) FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		3,643 1,643				-2 (-2)		3,641
07	0203802A	FY 2019 OCO (Title IX) Other Missile Product Improvement Programs (207) FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		2,000 4,947 4,947				-6 (-6)		4,941
07	0203808A	TRACTOR CARD (208) FY 2019 Appropriated Base		34,050 34,050						34,050
07	0205402A	Integrated Base Defense - Operational System Dev (209) FY 2019 OCO (Title IX)		8,000 8,000						8,000
07	0205410A	Materials Handling Equipment (210) FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		1,464 1,464				-2 (-2)		1,462
07	0205412A	Environmental Quality Technology - Operational System Dev (211) FY 2019 Appropriated Base		249 249						249
07	0205456A	Lower Tier Air and Missile Defense (AMD) System (212) FY 2019 Appropriated Base 2 / Unclear budget justification		79,283 79,283				-2,095 (-2,000)		77,188
07	0205778A	FFRDC Reductions (Section 8024) Guided Multiple-Launch Rocket System (GMLRS) (213) FY 2019 Appropriated Base 2 / Extended range development contract delay 2 / Testing funding ahead of need		154,102 154,102				-35,147 (-95) (-25,000) (-10,000)		118,955
07	0303028A	FFRDC Reductions (Section 8024) Security and Intelligence Activities (216) FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		35,479 12,280				-3 (-3)		35,476
07	0303140A	FY 2019 OCO (Title IX) Information Systems Security Program (217) FY 2019 Appropriated Base 2 / Crypto modernization inaccurate contract awards 2 / Program delay		23,199 68,533 68,533				-26,013 (-1,000) (-25,000)		42,520
07	0303141A	FFRDC Reductions (Section 8024) Cyberspace Activities FY19 Global Combat Support System (218) FY 2019 Appropriated Base 2 / Increment 2 contract award delay 2 / Army pre-positioned stock funding ahead of need		68,619 68,619				-14,764 (-13) (-3,546) (-11,151)		53,855
07	0303150A	FFRDC Reductions (Section 8024) WWMCCS/Global Command and Control System (220) FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		2,034 2,034				-3 (-67) (-3)		2,031

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)

2019

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	0305172A	Combined Advanced Applications (223)		1,500						1,500
		FY 2019 Appropriated Base		1,500						
07	0305179A	Integrated Broadcast Service (IBS) (224)		450						450
		FY 2019 Appropriated Base		450						
07	0305204A	Tactical Unmanned Aerial Vehicles (225)		6,000						6,000
		FY 2019 Appropriated Base		6,000						
07	0305206A	Airborne Reconnaissance Systems (226)		26,416						26,416
		FY 2019 Appropriated Base		12,416						
		FY 2019 OCO (Title IX)		14,000						
07	0305208A	Distributed Common Ground/Surface Systems (227)		38,667				-11,558		27,109
		FY 2019 Appropriated Base		38,667						
	2 /	Integration and testing unjustified growth						(-5,558)		
	2 /	CD2 funding excess to need						(-5,000)		
	2 /	CD3 funding ahead of need						(-1,000)		
07	0305232A	RQ-11 UAV (229)		6,180						6,180
		FY 2019 Appropriated Base		6,180						
07	0305233A	RQ-7 UAV (230)		12,863				5,000		17,863
		FY 2019 Appropriated Base		12,863						
	1 /	Program increase - digital enhancements						(5,000)		
07	0307665A	Biometrics Enabled Intelligence (231)		6,524						6,524
		FY 2019 Appropriated Base		4,310						
		FY 2019 OCO (Title IX)		2,214						
07	0708045A	End Item Industrial Preparedness Activities (233)		53,958				54,738		108,696
		FY 2019 Appropriated Base		53,958						
	1 /	Program increase - manufacturing for novel lightweight transparent armor materials						(10,000)		
	1 /	Program increase - additive manufacturing technology						(10,000)		
	1 /	Program increase - engineering data synchronization software pilot program						(9,800)		
	1 /	Program increase - nanoscale and microscale materials						(20,000)		
	1 /	Program increase - power take off hybridization						(5,000)		
		FFRDC Reductions (Section 8024)						(-62)		
07	1203142A	SATCOM Ground Environment (SPACE) (234)		12,119				-14		12,105
		FY 2019 Appropriated Base		12,119						
		FFRDC Reductions (Section 8024)						(-14)		
07	1208053A	Joint Tactical Ground System (235)		7,400						7,400
		FY 2019 Appropriated Base		7,400						
07	XXXXXXXXA	Classified Programs (999)		5,955						5,955
		FY 2019 Appropriated Base		5,955						
Subtotal Budget Activity 07: Operational System Development				1,982,355				-187,549		1,794,806

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Research, Development, Test, and Evaluation, Army , 2019/2020 (2040A)	Fiscal Year Program: 2019
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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
Grand Total Research, Development, Test, and Evaluation, Army , 2019/2020		10,484,483				890,677		11,375,160
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		10,159,379				924,445		11,083,824
APPROPRIATION, P.L. 115-245 (OCO)		325,104				-24,500		300,604
FFRDC Reductions (Section 8024)						-9,268		
Subtotal General Provision Reductions								-9,268
TOTAL FINANCING - FY 2019 PROGRAM		10,484,483				890,677		11,375,160

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, Transfer to BA 05 PE 0604601A (Infantry Support Weapons) for execution from BA05 PE 0604713A (Combat Feeding, Clothing, and Equipment). The adjustment does not change the purpose for which the funds were appropriated. 4 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply. <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:						Fiscal Year Program:		
Military Personnel, Navy, 2019/2019 (1453N)						2019		
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		8,501,745				-61,000		8,440,745
FY 2019 Appropriated Base		8,362,031						
2 / Blended retirement overestimation						(-29,000)		
Historical underexecution for special pays						(-2,000)		
Undistributed - historical unobligated balances						(-30,000)		
FY 2019 OCO (Title IX)		139,714						
Subtotal Budget Activity 01: Pay and Allowances of Officers		8,501,745				-61,000		8,440,745
Budget Activity 02: Pay And Allowances Of Enlisted Personnel		182,026				-74,000		108,026
Budget Activity 02: Pay and Allowances of Enlisted		19,681,842				-87,000		19,594,842
FY 2019 Appropriated Base		19,673,898						
2 / Blended retirement overestimation						(-96,000)		
Undistributed - historical unobligated balances						(-65,000)		
FY 2019 OCO (Title IX)		189,970						
Subtotal Budget Activity 02: Pay And Allowances Of Enlisted Personnel		182,026				-74,000		108,026
Subtotal Budget Activity 02: Pay and Allowances of Enlisted		19,681,842				-87,000		19,594,842
Budget Activity 03: Pay and Allowances of Cadets		83,875						83,875
FY 2019 Appropriated Base		83,875						
Subtotal Budget Activity 03: Pay and Allowances of Cadets		83,875						83,875
Budget Activity 04: Subsistence of Enlisted Personnel		1,265,860				-26,000		1,239,860
FY 2019 Appropriated Base		1,231,928						
Undistributed - rate adjustments						(-26,000)		
FY 2019 OCO (Title IX)		33,932						
Subtotal Budget Activity 04: Subsistence of Enlisted Personnel		1,265,860				-26,000		1,239,860
Budget Activity 05: Permanent Change of Station Travel		953,583						953,583
FY 2019 Appropriated Base		941,349						
FY 2019 OCO (Title IX)		12,234						
Subtotal Budget Activity 05: Permanent Change of Station Travel		953,583						953,583
Budget Activity 06: Other Military Personnel Costs		142,741				-13,730		129,011
FY 2019 Appropriated Base		133,130						
1 / Program increase for Junior ROTC						(270)		
Undistributed - revised estimate						(-14,000)		
FY 2019 OCO (Title IX)		9,611						
Subtotal Budget Activity 06: Other Military Personnel Costs		142,741				-13,730		129,011
Grand Total Military Personnel, Navy, 2019/2019		30,811,672				-261,730		30,549,942

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Military Personnel, Navy, 2019/2019 (1453N)**2019**

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
Financing								
APPROPRIATION, P.L. 115-245 (Base)		30,426,211				-261,730		30,164,481
APPROPRIATION, P.L. 115-245 (OCO)		385,461						385,461
TOTAL FINANCING - FY 2019 PROGRAM		30,811,672				-261,730		30,549,942

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 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, 2019/2019 (1105N)						2019		
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		3,064,704						3,064,704
FY 2019 Appropriated Base		3,012,114						
FY 2019 OCO (Title IX)		52,590						
Subtotal Budget Activity 01: Pay and Allowances of Officers		3,064,704						3,064,704
Budget Activity 02: Pay and Allowances of Enlisted		9,582,616				-66,000		9,516,616
FY 2019 Appropriated Base		9,529,054						
Undistributed - historical unobligated balances						(-50,500)		
Undistributed - revised estimate						(-8,500)		
Excess growth for special pays						(-7,000)		
FY 2019 OCO (Title IX)		53,562						
Subtotal Budget Activity 02: Pay and Allowances of Enlisted		9,582,616				-66,000		9,516,616
Budget Activity 04: Subsistence of Enlisted Personnel		843,358				-29,000		814,358
FY 2019 Appropriated Base		840,931						
Undistributed - rate adjustments						(-17,000)		
Undistributed - revised estimate						(-12,000)		
FY 2019 OCO (Title IX)		2,427						
Subtotal Budget Activity 04: Subsistence of Enlisted Personnel		843,358				-29,000		814,358
Budget Activity 05: Permanent Change of Station Travel		448,312				-11,000		437,312
FY 2019 Appropriated Base		448,312						
Undistributed - revised estimate						(-11,000)		
Subtotal Budget Activity 05: Permanent Change of Station Travel		448,312				-11,000		437,312
Budget Activity 06: Other Military Personnel Costs		61,210				-5,930		55,280
FY 2019 Appropriated Base		60,557						
1 / Program increase for Junior ROTC						(70)		
Undistributed - revised estimate						(-6,000)		
FY 2019 OCO (Title IX)		653						
Subtotal Budget Activity 06: Other Military Personnel Costs		61,210				-5,930		55,280
Grand Total Military Personnel, Marine Corps, 2019/2019		14,000,200				-111,930		13,888,270
Financing								
APPROPRIATION, P.L. 115-245 (Base)		13,890,968				-111,930		13,779,038
APPROPRIATION, P.L. 115-245 (OCO)		109,232						109,232
TOTAL FINANCING - FY 2019 PROGRAM		14,000,200				-111,930		13,888,270

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Military Personnel, Marine Corps, 2019/2019 (1105N)**2019**

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

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, Navy, 2019/2019 (1405N)**2019**

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		2,078,621				-18,500		2,060,121
FY 2019 Appropriated Base		2,067,521						
2 / Blended retirement overestimation						(-8,000)		
Historical underexecution for administration and support						(-1,200)		
Undistributed - historical unobligated balances						(-3,300)		
Undistributed - rate adjustments						(-1,000)		
Undistributed - revised estimate						(-5,000)		
FY 2019 OCO (Title IX)		11,100						
Subtotal Budget Activity 01: Reserve Component Training and Support		2,078,621				-18,500		2,060,121
Grand Total Reserve Personnel, Navy, 2019/2019		2,078,621				-18,500		2,060,121
Financing								
APPROPRIATION, P.L. 115-245 (Base)		2,067,521				-18,500		2,049,021
APPROPRIATION, P.L. 115-245 (OCO)		11,100						11,100
TOTAL FINANCING - FY 2019 PROGRAM		2,078,621				-18,500		2,060,121

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 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, 2019/2019 (1108N)**2019**

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		790,470				-5,700		784,770
FY 2019 Appropriated Base		788,090						
Undistributed - historical unobligated balances						(-4,700)		
Undistributed - rate adjustments						(-1,000)		
FY 2019 OCO (Title IX)		2,380						
Subtotal Budget Activity 01: Reserve Component Training and Support		790,470				-5,700		784,770
Grand Total Reserve Personnel, Marine Corps, 2019/2019		790,470				-5,700		784,770
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		788,090				-5,700		782,390
APPROPRIATION, P.L. 115-245 (OCO)		2,380						2,380
TOTAL FINANCING - FY 2019 PROGRAM		790,470				-5,700		784,770

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 , 2019/2019 (1804N)

2019

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		46,144,615				-87,104		46,057,511
FY 2019 Appropriated Base		41,725,992						
1 / Program increase - amphibious readiness group planning						(1,500)		
1 / Program increase - aqueous foam disposal and replacement						(28,000)		
1 / Program increase - prevention of child abuse and training on safe childcare practices						(1,000)		
1 / Program increase - shipyards, docks, piers, ranges						(50,000)		
1 / Program increase - SOUTHCOM ISR requirements						(1,700)		
1 / Program increase - Sustainment, Restoration and Modernization						(240,000)		
1 / Public Law 115-68 Implementation at Combatant Commands						(1,000)		
2 / Classified program adjustment - Other Weapon Systems Support						(-11,200)		
Excess growth - Aircraft Depot Operations Support						(-3,779)		
Excess growth - Enterprise Information Technology						(-9,042)		
2 / Excess travel - Aircraft Depot Operations Support						(-517)		
Undistributed - Historical Unobligation						(-102,917)		
Navy Supply Management Pricing Adjustment to Reflect Correct Rates						(-75,000)		
Overestimation of Civilian FTE Targets						(-27,383)		
Projected underexecution - Mission and Other Flight Operations						(-75,000)		
Projected underexecution - Fleet Air Training						(-58,227)		
Remove one-time fiscal year 2018 increases						(-25,000)		
OCO Operations - Transfer to Title IX - Mission and Other Flight Operations						(-300,000)		
OCO Operations - Transfer to Title IX - Mission and Other Ship Operations						(-300,000)		
Unjustified growth - Air Systems Support						(-12,000)		
Unjustified growth - Mission and Other Ship Operations						(-120,000)		
Unjustified growth - Warfare Tactics						(-15,000)		
Unjustified growth - Base Operating Support						(-27,000)		
Excess Cash Balances (Section 8133)						(-50,000)		
Fuel Increase (Section 8118)						(221,761)		
Fuel Increase (Section 8118) Base to OCO						(-26,007)		
4 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 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; and Facilities Sustainment, Restoration, and Modernization.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Navy , 2019/2019 (1804N)

2019

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
FY 2019 OCO (Title IX)		4,418,623						
Fuel Increase (Section 8118) Base to OCO						(26,007)		
Transfer from Title II - Mission and Other Flight Operations						(300,000)		
Transfer from Title II - Mission and Other Ship Operations						(300,000)		
Unjustified growth - Mission and Other Ship Operations						(-20,000)		
Subtotal Budget Activity 01: Operating Forces		46,144,615				-87,104		46,057,511
Budget Activity 02: Mobilization		1,343,434				-481,345		862,089
FY 2019 Appropriated Base		1,165,532						
Undistributed - Historical Unobligation						(-5,534)		
Overestimation of Civilian FTE Targets						(-15)		
Transfer to No-Year - Ship Prepositioning and Surge						(-310,805)		
Fuel Increase (Section 8118)						(9)		
FY 2019 OCO (Title IX)		177,902						
Coast Guard funded in Homeland Security bill						(-165,000)		
Subtotal Budget Activity 02: Mobilization		1,343,434				-481,345		862,089
Budget Activity 03: Training and Recruiting		2,046,426				-97,981		1,948,445
FY 2019 Appropriated Base		1,995,288						
1 / Program increase - Junior ROTC						(950)		
1 / Program increase - Naval Sea Cadet Corps						(3,300)		
1 / Program increase - Navy ROTC						(1,500)		
2 / Program Decrease - RRL						(-100,000)		
Undistributed - Historical Unobligation						(-1,657)		
Transfer to the John C. Stennis Center (Section 8059)								
Overestimation of Civilian FTE Targets						(-2,136)		
Fuel Increase (Section 8118)						(62)		
Fuel Increase (Section 8118) Base to OCO						(-7)		
FY 2019 OCO (Title IX)		51,138						
Fuel Increase (Section 8118) Base to OCO						(7)		
Subtotal Budget Activity 03: Training and Recruiting		2,046,426				-97,981		1,948,445

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Navy , 2019/2019 (1804N)						2019		
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: Administration and Servicewide Activities		4,226,313				-26,323		4,199,990
FY 2019 Appropriated Base		4,116,821						
1 / Program increase - Navy Virtual Operations Center						(10,000)		
Classified adjustment						(-5,500)		
Undistributed - Historical Unobligation						(-15,384)		
Overestimation of Civilian FTE Targets						(-5,466)		
Program decrease not properly accounted - Administration						(-10,000)		
Fuel Increase (Section 8118)						(27)		
FY 2019 OCO (Title IX)		109,492						
Subtotal Budget Activity 04: Administration and Servicewide Activities		4,226,313				-26,323		4,199,990
Grand Total Operation and Maintenance, Navy , 2019/2019		53,760,788				-692,753		53,068,035
Financing								
APPROPRIATION, P.L. 115-245 (Base)		49,003,633				-1,305,626		47,698,007
APPROPRIATION, P.L. 115-245 (OCO)		4,757,155				441,014		5,198,169
Fuel Increase (Section 8118)						221,859		
Subtotal General Provision Additions								221,859
Excess Cash Balances (Section 8133)						-50,000		
Subtotal General Provision Reductions								-50,000
Subtotal General Provisions								171,859
TOTAL FINANCING - FY 2019 PROGRAM		53,760,788				-692,753		53,068,035

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Navy , 2019/2019 (1804N)
2019

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

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.
- 3 / Operation and Maintenance, Navy funding was specifically provided "only for" the cyberspace activities program. These cyberspace activities are defined by the program, project, or activity (PPAs) that comprise the classified cyberspace activities information technology investment budget request for FY 2019 . Congressional prior approval reprogramming is required for all transfers or realignments of these funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" programs that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.
- 4 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 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; and Facilities Sustainment, Restoration, and Modernization.

For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Operation and Maintenance, Navy, 2019/XXXX (1804NX)						Fiscal Year Program: 2019		
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: Mobilization						310,805		310,805
FY 2019 Appropriated Base								
Transfer from 2019/2019 to X Year						(310,805)		
Subtotal Budget Activity 02: Mobilization						310,805		310,805
Grand Total Operation and Maintenance, Navy, 2019/XXXX						310,805		310,805
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)						310,805		310,805
TOTAL FINANCING - FY 2019 PROGRAM						310,805		310,805
Footnotes: For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Marine Corps , 2019/2019 (1106N)

2019

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		6,570,680				-97,634		6,473,046
FY 2019 Appropriated Base		5,547,397						
1 / Program increase - Marine hearing enhancement and protection						(5,000)		
1 / Program increase - Prevention of child abuse and training on safe childcare practices						(1,000)		
Historical Underexecution - Operational Forces						(-10,000)		
Historical Underexecution - Field Logistics						(-23,050)		
Overestimation of Civilian FTE						(-17,000)		
Program decrease not properly accounted - Base Operating Support						(-35,000)		
Remove one-time fiscal year 2018 increase - Operational Forces						(-25,000)		
OCO Operations - Transfer to Title IX - Operational Force & Base Operations Support						(-171,095)		
Unjustified growth - Maritime Prepositioning						(-3,581)		
Fuel Increase (Section 8118)						(9,997)		
4 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million out of these lines for Title II funds: Maneuver Units; Modular Support Brigades; Aviation assets; Land Forces Operations Support; Force Readiness Operations Support; Land Forces Depot Maintenance; Base Operations Support; Facilities Sustainment, Restoration, and Modernization; and Specialized Skill Training.								
FY 2019 OCO (Title IX)		1,023,283						
Transfer from Title II - Operational Force & Base Operations Support						(171,095)		
Subtotal Budget Activity 01: Operating Forces		6,570,680				-97,634		6,473,046
Budget Activity 03: Training and Recruiting		848,603				-3,735		844,868
FY 2019 Appropriated Base		818,144						
1 / Program increase - Junior ROTC						(390)		
Excess growth - Specialized Skills Training						(-4,125)		
FY 2019 OCO (Title IX)		30,459						
Subtotal Budget Activity 03: Training and Recruiting		848,603				-3,735		844,868
Budget Activity 04: Administration and Servicewide Activities		535,127				-10,000		525,127
FY 2019 Appropriated Base		466,969						
Unjustified growth - Administration						(-10,000)		
FY 2019 OCO (Title IX)		68,158						
Subtotal Budget Activity 04: Administration and Servicewide Activities		535,127				-10,000		525,127

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Operation and Maintenance, Marine Corps , 2019/2019 (1106N)	Fiscal Year Program: 2019
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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	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
Grand Total Operation and Maintenance, Marine Corps , 2019/2019		7,954,410				-111,369		7,843,041
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		6,832,510				-292,461		6,540,049
APPROPRIATION, P.L. 115-245 (OCO)		1,121,900				171,095		1,292,995
Fuel Increase (Section 8118)						9,997		
Subtotal General Provision Additions								9,997
TOTAL FINANCING - FY 2019 PROGRAM		7,954,410				-111,369		7,843,041

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.
- 3 / Operation and Maintenance, Marine Corps funding was specifically provided "only for" the cyberspace activities program. These cyberspace activities are defined by the program, project, or activity (PPAs) that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Congressional prior approval reprogramming is required for all transfers or realignments of these funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" programs that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.
- 4 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 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 \$15 million.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Operation and Maintenance, Navy Reserve , 2019/2019 (1806N)						Fiscal Year Program: 2019		
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		1,034,749				2,735		1,037,484
FY 2019 Appropriated Base		1,009,112						
Fuel Increase (Section 8118) Base to OCO						(-43)		
Remove one-time fiscal year 2018 increase - Combat Support Forces						(-3,000)		
Unjustified growth - Mission and Other Flight Operations						(-6,000)		
Fuel Increase (Section 8118)						(11,735)		
FY 2019 OCO (Title IX)		25,637						
Fuel Increase (Section 8118) Base to OCO						(43)		
Subtotal Budget Activity 01: Operating Forces		1,034,749				2,735		1,037,484
Budget Activity 04: Administration and Servicewide Activities		17,894						17,894
FY 2019 Appropriated Base		17,894						
Subtotal Budget Activity 04: Administration and Servicewide Activities		17,894						17,894
Grand Total Operation and Maintenance, Navy Reserve , 2019/2019		1,052,643				2,735		1,055,378
Financing								
APPROPRIATION, P.L. 115-245 (Base)		1,027,006				-9,043		1,017,963
APPROPRIATION, P.L. 115-245 (OCO)		25,637				43		25,680
Fuel Increase (Section 8118)						11,735		
Subtotal General Provision Additions								11,735
TOTAL FINANCING - FY 2019 PROGRAM		1,052,643				2,735		1,055,378
Footnotes: 1 / 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. 2 / Operation and Maintenance, Navy Reserve funding was specifically provided "only for" the cyberspace activities program. These cyberspace activities are defined by the program, project, or activity (PPAs) that comprise the classified cyberspace activities information technology investment budget request for FY 2019 . Congressional prior approval reprogramming is required for all transfers or realignments of these funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" programs that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply. For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Marine Corps Reserve, 2019/2019 (1107N)**2019**

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		263,739				365		264,104
FY 2019 Appropriated Base		260,394						
Fuel Increase (Section 8118)						(365)		
FY 2019 OCO (Title IX)		3,345						
Subtotal Budget Activity 01: Operating Forces		263,739				365		264,104
Budget Activity 04: Administration and Servicewide Activities		11,176						11,176
FY 2019 Appropriated Base		11,176						
Subtotal Budget Activity 04: Administration and Servicewide Activities		11,176						11,176
Grand Total Operation and Maintenance, Marine Corps Reserve, 2019/2019		274,915				365		275,280
Financing								
APPROPRIATION, P.L. 115-245 (Base)		271,570						271,570
APPROPRIATION, P.L. 115-245 (OCO)		3,345						3,345
Fuel Increase (Section 8118)						365		
Subtotal General Provision Additions								365
TOTAL FINANCING - FY 2019 PROGRAM		274,915				365		275,280

Footnotes:

For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Environmental Restoration Accounts, Navy, 2019/XXXX (0810NX)						Fiscal Year Program: 2019		
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		329,253				36,630		365,883
FY 2019 Appropriated Base		329,253						
1 / Program Increase						(7,500)		
1 / Remediating contamination caused by perfluorinated chemicals						(29,130)		
Subtotal Budget Activity 02: Department of the Navy		329,253				36,630		365,883
Grand Total Environmental Restoration Accounts, Navy, 2019/XXXX		329,253				36,630		365,883
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		329,253				36,630		365,883
TOTAL FINANCING - FY 2019 PROGRAM		329,253				36,630		365,883
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:

Fiscal Year Program:

Aircraft Procurement, Navy, 2019/2021 (1506N)**2019**

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 Forces								
01 F/A-18E/F (Fighter) Hornet	24	1,937,553				-68,249	24	1,869,304
FY 2019 Appropriated Base	24	1,937,553						
2 / Production support and ILS previously funded						(-56,249)		
2 / Unit cost savings						(-12,000)		
01 F/A-18E/F (Fighter) Hornet Advance Procurement (CY)		58,799				-4,822		53,977
FY 2019 Appropriated Base		58,799						
2 / Excess growth						(-4,822)		
01 Joint Strike Fighter CV	9	1,144,958			6	809,000	15	1,953,958
FY 2019 Appropriated Base	9	1,144,958						
1 / Program increase - four additional aircraft for the Navy					(4)	(484,000)		
1 / Program increase - two additional aircraft for the Marine Corps					(2)	(242,000)		
1 / Program increase - additional tooling						(98,000)		
2 / Unit cost savings						(-15,000)		
01 Joint Strike Fighter CV Advance Procurement (CY)		140,010						140,010
FY 2019 Appropriated Base		140,010						
01 JSF STOVL	20	2,312,847			2	215,200	22	2,528,047
FY 2019 Appropriated Base	20	2,312,847						
1 / Program increase - two additional aircraft					(2)	(237,200)		
2 / Unit cost savings						(-22,000)		
01 JSF STOVL Advance Procurement (CY)		228,492						228,492
FY 2019 Appropriated Base		228,492						
01 CH-53K (Heavy Lift)	8	1,113,804				-106,205	8	1,007,599
FY 2019 Appropriated Base	8	1,113,804						
2 / Other GPE excess growth						(-3,681)		
2 / NRE excess growth						(-11,524)		
2 / Unjustified support cost growth						(-91,000)		
01 CH-53K (Heavy Lift) Advance Procurement (CY)		161,079						161,079
FY 2019 Appropriated Base		161,079						
01 V-22 (Medium Lift)	7	806,337			6	328,000	13	1,134,337
FY 2019 Appropriated Base	7	806,337						
1 / Program increase - four aircraft for the Navy					(4)	(316,000)		
2 / Unit cost growth						(-140,000)		
FY 2019 OCO (Title IX)								
1 / Program increase - two operational loss replacement aircraft					(2)	(152,000)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Navy, 2019/2021 (1506N)

2019

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) Advance Procurement (CY)		36,955				-8,200		28,755
	FY 2019 Appropriated Base		36,955						
	2 / Excess to need						(-8,200)		
01	H-1 Upgrades (UH-1Y/AH-1Z)	25	820,755				-22,400	25	798,355
	FY 2019 Appropriated Base	25	820,755						
	2 / Unit cost growth						(-22,400)		
01	P-8A Poseidon	10	1,803,753				-42,000	10	1,761,753
	FY 2019 Appropriated Base	10	1,803,753						
	2 / Anticipated unit cost contract award savings						(-12,000)		
	2 / Excess support costs						(-30,000)		
01	P-8A Poseidon Advance Procurement (CY)		180,000						180,000
	FY 2019 Appropriated Base		180,000						
01	E-2D Adv Hawkeye	4	742,693			2	329,652	6	1,072,345
	FY 2019 Appropriated Base	4	742,693						
	1 / Program increase - two additional aircraft					(2)	(340,000)		
	2 / Airframe unit cost growth						(-8,500)		
	2 / GFE electronics excess growth						(-1,848)		
01	E-2D Adv Hawkeye Advance Procurement (CY)		240,734						240,734
	FY 2019 Appropriated Base		240,734						
Subtotal Budget Activity 01: Combat Forces			11,728,769				1,429,976		13,158,745
Budget Activity 02: Airlift Aircraft									
02	C-40A	2	206,000			-2	-206,000		
	FY 2019 Appropriated Base	2	206,000						
	2 / Requirement funded in fiscal year 2018					(-2)	(-206,000)		
Subtotal Budget Activity 02: Airlift Aircraft			206,000				-206,000		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Navy, 2019/2021 (1506N)**2019**

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: Other Aircraft								
04 KC-130J	2	160,433				-10,000	2	150,433
FY 2019 Appropriated Base	2	160,433						
2 / Unit cost growth						(-10,000)		
04 KC-130J Advance Procurement (CY)		110,013				-8,000		102,013
FY 2019 Appropriated Base		110,013						
2 / Excess growth						(-8,000)		
04 MQ-4 Triton	3	568,743				-24,726	3	544,017
FY 2019 Appropriated Base	3	568,743						
2 / Support costs excess growth						(-24,726)		
04 MQ-4 Triton Advance Procurement (CY)		58,522						58,522
FY 2019 Appropriated Base		58,522						
04 MQ-8 UAV		54,761				34,300		89,061
FY 2019 Appropriated Base		54,761						
1 / Program increase - mobile mission control stations for shore-based training						(34,300)		
04 STUASLO UAV		49,931				-3,000		46,931
FY 2019 Appropriated Base		14,866						
2 / Excess support costs						(-3,000)		
FY 2019 OCO (Title IX)		35,065						
04 VH-92A Executive Helo	6	649,015					6	649,015
FY 2019 Appropriated Base	6	649,015						
Subtotal Budget Activity 04: Other Aircraft		1,651,418				-11,426		1,639,992

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Navy, 2019/2021 (1506N)**2019**

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: Modification of Aircraft								
05 AEA Systems		25,277				15,000		40,277
FY 2019 Appropriated Base		25,277						
1 / Program increase - ALQ-99 band 6S jammer						(15,000)		
05 AV-8 Series		58,577						58,577
FY 2019 Appropriated Base		58,577						
05 Adversary		14,606						14,606
FY 2019 Appropriated Base		14,606						
05 F-18 Series		1,213,482				-53,807		1,159,675
FY 2019 Appropriated Base		1,213,482						
1 / Program increase - EA-18G reactive electronic attack measures technology						(13,900)		
2 / Other support previously funded (OSIP 11-84)						(-1,956)		
2 / Gen 5 radio kits previously funded (OSIP 10-99)						(-10,410)		
2 / Installation kits NRE previously funded (OSIP 14-03)						(-3,861)		
2 / Installation cost excess growth (OSIP 14-03)						(-2,325)		
2 / B kits unit cost growth (OSIP 011-10)						(-10,155)		
2 / IRST modifications early to need						(-26,400)		
2 / Unjustified growth in non-recurring engineering						(-12,600)		
05 H-53 Series		70,997						70,997
FY 2019 Appropriated Base		70,997						
05 SH-60 Series		135,519				-4,799		130,720
FY 2019 Appropriated Base		130,661						
2 / Kit procurement early to need (OSIP 001-06)						(-4,799)		
FY 2019 OCO (Title IX)		4,858						
05 H-1 Series		87,143						87,143
FY 2019 Appropriated Base		87,143						
05 EP-3 Series		9,013						9,013
FY 2019 Appropriated Base		3,633						
FY 2019 OCO (Title IX)		5,380						
05 P-3 Series		803						803
FY 2019 Appropriated Base		803						
05 E-2 Series		88,780				-5,800		82,980
FY 2019 Appropriated Base		88,780						
2 / SIPR CHAT mods early to need						(-3,300)		
2 / Navigation warfare mods early to need						(-2,500)		
05 Trainer A/C Series		11,660						11,660
FY 2019 Appropriated Base		11,660						
05 C-2A		11,327				-3,000		8,327
FY 2019 Appropriated Base		11,327						
2 / Forward financed						(-3,000)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Navy, 2019/2021 (1506N)**2019**

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	C-130 Series		79,075				-8,538		70,537
	FY 2019 Appropriated Base		79,075						
	2 / Kits previously funded (OSIP 008-12)						(-1,491)		
	2 / Kits previously funded (OSIP 019-14)						(-2,347)		
	2 / Forward financed						(-4,700)		
05	FEWSG		597						597
	FY 2019 Appropriated Base		597						
05	Cargo/Transport A/C Series		8,932						8,932
	FY 2019 Appropriated Base		8,932						
05	E-6 Series		181,821				-17,310		164,511
	FY 2019 Appropriated Base		181,821						
	2 / Program growth (OSIP 013-10)						(-9,310)		
	2 / Excess installation costs						(-8,000)		
05	Executive Helicopters Series		23,566						23,566
	FY 2019 Appropriated Base		23,566						
05	Special Project Aircraft		9,785						9,785
	FY 2019 Appropriated Base		7,620						
	FY 2019 OCO (Title IX)		2,165						
05	T-45 Series		195,475				-1,908		193,567
	FY 2019 Appropriated Base		195,475						
	2 / Installation cost excess growth (OSIP 008-95)						(-1,908)		
05	Power Plant Changes		21,521						21,521
	FY 2019 Appropriated Base		21,521						
05	JPATS Series		27,644				-1,174		26,470
	FY 2019 Appropriated Base		27,644						
	2 / Program delays (OSIP 011-04)						(-1,174)		
05	Aviation Life Support Mods		15,864						15,864
	FY 2019 Appropriated Base		15,864						
05	Common ECM Equipment		176,126				18,912		195,038
	FY 2019 Appropriated Base		166,306						
	1 / Program increase - F/A-18 E/F adaptive radar countermeasures						(20,000)		
	2 / Installation cost excess growth (OSIP 006-00)						(-1,088)		
	FY 2019 OCO (Title IX)		9,820						
05	Common Avionics Changes		117,551						117,551
	FY 2019 Appropriated Base		117,551						
05	Common Defensive Weapon System		5,200						5,200
	FY 2019 Appropriated Base		1,994						
	FY 2019 OCO (Title IX)		3,206						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Navy, 2019/2021 (1506N)**2019**

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	ID Systems		40,696				-1,500		39,196
	FY 2019 Appropriated Base		40,696						
2 /	Excess installation costs						(-1,500)		
05	P-8 Series		71,251				-3,835		67,416
	FY 2019 Appropriated Base		71,251						
2 /	Other support excess growth (OSIP 006-18)						(-3,835)		
05	MAGTF EW for Aviation		11,590						11,590
	FY 2019 Appropriated Base		11,590						
05	MQ-8 Series		37,907						37,907
	FY 2019 Appropriated Base		37,907						
05	V-22 (Tilt/Rotor ACFT) Osprey		214,820				-16,827		197,993
	FY 2019 Appropriated Base		214,820						
2 /	Installation previously funded (OSIP 022-01)						(-3,120)		
2 /	Other support excess growth (OSIP 009-19)						(-4,407)		
2 /	Common configuration cost growth						(-4,000)		
2 /	Excess support costs						(-5,300)		
05	Next Generation Jammer (NGJ)		952				-952		
	FY 2019 Appropriated Base		952						
2 /	Early to need						(-952)		
05	F-35 STOVL Series		36,618						36,618
	FY 2019 Appropriated Base		36,618						
05	F-35 CV Series		21,236						21,236
	FY 2019 Appropriated Base		21,236						
05	QRC		103,909						103,909
	FY 2019 Appropriated Base		101,499						
	FY 2019 OCO (Title IX)		2,410						
05	MQ-4 Series		48,278						48,278
	FY 2019 Appropriated Base		48,278						
05	RQ-21 Series		24,119						24,119
	FY 2019 Appropriated Base		6,904						
	FY 2019 OCO (Title IX)		17,215						
Subtotal Budget Activity 05: Modification of Aircraft			3,201,717				-85,538		3,116,179
Budget Activity 06: Aircraft Spares and Repair Parts									
06	Spares and Repair Parts		1,792,920				87,500		1,880,420
	FY 2019 Appropriated Base		1,792,920						
1 /	Program increase - additional F-35B spares						(45,500)		
1 /	Program increase - additional F-35C spares						(42,000)		
Subtotal Budget Activity 06: Aircraft Spares and Repair Parts			1,792,920				87,500		1,880,420

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Navy, 2019/2021 (1506N)**2019**

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 07: Aircraft Support Equipment and Facilities								
07 Common Ground Equipment		421,606				-12,112		409,494
FY 2019 Appropriated Base		421,606						
2 / Other flight training previously funded						(-5,207)		
2 / Other flight training cost growth						(-6,905)		
07 Aircraft Industrial Facilities		24,496						24,496
FY 2019 Appropriated Base		24,496						
07 War Consumables		42,108						42,108
FY 2019 Appropriated Base		42,108						
07 Other Production Charges		1,444						1,444
FY 2019 Appropriated Base		1,444						
07 Special Support Equipment		49,489						49,489
FY 2019 Appropriated Base		49,489						
07 First Destination Transportation		1,951						1,951
FY 2019 Appropriated Base		1,951						
Subtotal Budget Activity 07: Aircraft Support Equipment and Facilities		541,094				-12,112		528,982
Grand Total Aircraft Procurement, Navy, 2019/2021		19,121,918				1,202,400		20,324,318
Financing								
APPROPRIATION, P.L. 115-245 (Base)		19,041,799				1,050,400		20,092,199
APPROPRIATION, P.L. 115-245 (OCO)		80,119				152,000		232,119
TOTAL FINANCING - FY 2019 PROGRAM		19,121,918				1,202,400		20,324,318

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 \$20 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, 2019/2021 (1507N)**2019**

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: Ballistic Missiles								
01 Trident II Mods (001)		1,078,750				-22,000		1,056,750
FY 2019 Appropriated Base		1,078,750						
2 / Prior year carryover						(-22,000)		
01 Missile Industrial Facilities (002)		6,998						6,998
FY 2019 Appropriated Base		6,998						
Subtotal Budget Activity 01: Ballistic Missiles		1,085,748				-22,000		1,063,748
Budget Activity 02: Other Missiles								
02 Tomahawk (003)		98,570						98,570
FY 2019 Appropriated Base		98,570						
02 AMRAAM (004)	141	212,241				-23,800	141	188,441
FY 2019 Appropriated Base	140	211,058						
2 / Unit cost growth						(-23,800)		
FY 2019 OCO (Title IX)	1	1,183						
02 Sidewinder (005)	192	78,308			59	43,173	251	121,481
FY 2019 Appropriated Base	191	77,927						
1 / Program increase - additional munitions					(59)	(45,000)		
2 / CATM unit cost growth						(-1,218)		
Engineering change orders previously funded						(-609)		
FY 2019 OCO (Title IX)	1	381						
02 JSOW (006)		1,330						1,330
FY 2019 Appropriated Base		1,330						
02 Standard Missile (007)	125	490,210					125	490,210
FY 2019 Appropriated Base	125	490,210						
02 Standard Missile Advance Procurement (CY) (008)		125,683						125,683
FY 2019 Appropriated Base		125,683						
02 Small Diameter Bomb II (009)	750	91,272					750	91,272
FY 2019 Appropriated Base	750	91,272						
02 Ram (010)	120	96,221					120	96,221
FY 2019 Appropriated Base	120	96,221						
02 Joint Air Ground Missile (JAGM) (011)	75	24,109					75	24,109
FY 2019 Appropriated Base	75	24,109						
02 Hellfire (012)	23	1,530					23	1,530
FY 2019 OCO (Title IX)	23	1,530						
02 Stand off Precision Guided Munitions (SOPGM) (014)	31	11,378					31	11,378
FY 2019 Appropriated Base	31	11,378						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Weapons Procurement, Navy, 2019/2021 (1507N)**2019**

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	Aerial Targets (015)		143,637				-9,700		133,937
	FY 2019 Appropriated Base		137,137						
	2 / Other targets unit cost growth						(-2,000)		
	2 / BQM-177A acquisition strategy						(-7,700)		
	FY 2019 OCO (Title IX)		6,500						
02	Other Missile Support (016)		3,318						3,318
	FY 2019 Appropriated Base		3,318						
02	LRASM (017)	25	81,190			10	30,000	35	111,190
	FY 2019 Appropriated Base	25	81,190						
	1 / Program increase - additional munitions					(10)	(30,000)		
02	LCS OTH Missile (018)	8	18,156					8	18,156
	FY 2019 Appropriated Base	8	18,156						
02	ESSM (019)	45	98,384					45	98,384
	FY 2019 Appropriated Base	45	98,384						
02	Harpoon Mods (020)		14,840				12,000		26,840
	FY 2019 Appropriated Base		14,840						
	1 / Program increase - additional munitions						(12,000)		
02	Harm Mods (021)		187,985				-8,100		179,885
	FY 2019 Appropriated Base		187,985						
	2 / Telemetry sections unit cost growth						(-8,100)		
02	Weapons Industrial Facilities (023)		2,006				10,000		12,006
	FY 2019 Appropriated Base		2,006						
	1 / Program increase - NIROP facilitization						(10,000)		
02	Fleet Satellite Comm Follow-On (024)		66,779				-6,500		60,279
	FY 2019 Appropriated Base		66,779						
	2 / Ground system updates excess growth						(-6,500)		
02	Ordnance Support Equipment (025)		62,008						62,008
	FY 2019 Appropriated Base		62,008						
Subtotal Budget Activity 02: Other Missiles			1,909,155				47,073		1,956,228

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Weapons Procurement, Navy, 2019/2021 (1507N)**2019**

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: Torpedoes and related equipment								
03 SSTD (026)		6,353						6,353
FY 2019 Appropriated Base		6,353						
03 MK-48 Torpedo (027)	45	92,616			5	11,000	50	103,616
FY 2019 Appropriated Base	45	92,616						
1 / Program increase - additional munitions					(5)	(11,000)		
03 ASW Targets (028)		12,324						12,324
FY 2019 Appropriated Base		12,324						
03 MK-54 Torpedo Mods (029)		105,946				-22,121		83,825
FY 2019 Appropriated Base		105,946						
2 / NK 54 mod 0 installation ahead of need						(-4,212)		
2 / NK 54 mod 1 contract delays						(-17,909)		
03 MK-48 Torpedo ADCAP Mods (030)		40,005						40,005
FY 2019 Appropriated Base		40,005						
03 Quickstrike Mine (031)		9,758						9,758
FY 2019 Appropriated Base		9,758						
03 Torpedo Support Equipment (032)		79,371				-1,000		78,371
FY 2019 Appropriated Base		79,371						
2 / Lightweight other equipment unjustified growth						(-1,000)		
03 ASW Range Support (033)		3,872						3,872
FY 2019 Appropriated Base		3,872						
03 First Destination Transportation (034)		3,726						3,726
FY 2019 Appropriated Base		3,726						
Subtotal Budget Activity 03: Torpedoes and related equipment		353,971				-12,121		341,850

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Weapons Procurement, Navy, 2019/2021 (1507N)	Fiscal Year Program: 2019
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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	
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 (035)		16,607						16,607
FY 2019 Appropriated Base		15,067						
FY 2019 OCO (Title IX)		1,540						
04 CIWS Mods (036)		63,318						63,318
FY 2019 Appropriated Base		63,318						
04 Coast Guard Weapons (037)		40,823						40,823
FY 2019 Appropriated Base		40,823						
04 Gun Mount Mods (038)		77,618				-2,985		74,633
FY 2019 Appropriated Base		74,618						
2 / Installation cost excess growth						(-2,985)		
FY 2019 OCO (Title IX)		3,000						
04 LCS Module Weapons (039)	90	11,350					90	11,350
FY 2019 Appropriated Base	90	11,350						
04 Airborne Mine Neutralization Systems (041)		22,249				-784		21,465
FY 2019 Appropriated Base		22,249						
2 / SEAFOX unit cost growth						(-784)		
Subtotal Budget Activity 04: Other Weapons		231,965				-3,769		228,196
Budget Activity 06: Spares and Repair Parts								
06 Spares and Repair Parts (043)		135,688						135,688
FY 2019 Appropriated Base		135,688						
Subtotal Budget Activity 06: Spares and Repair Parts		135,688						135,688
Grand Total Weapons Procurement, Navy, 2019/2021		3,716,527				9,183		3,725,710
Financing								
APPROPRIATION, P.L. 115-245 (Base)		3,702,393				9,183		3,711,576
APPROPRIATION, P.L. 115-245 (OCO)		14,134						14,134
TOTAL FINANCING - FY 2019 PROGRAM		3,716,527				9,183		3,725,710

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.
- 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:

Fiscal Year Program:

Procurement of Ammunition, Navy and Marine Corps, 2019/2021 (1508N)**2019**

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: Procurement of Ammunition, Navy								
01 General Purpose Bombs		142,401				-25,650		116,751
FY 2019 Appropriated Base		79,871						
2 / Q2897 GBU-49 precision kit NRE early to need						(-4,150)		
2 / Q2181 lasers guided bombs previously funded						(-7,500)		
FY 2019 OCO (Title IX)		62,530						
2 / Previously funded requirements						(-14,000)		
01 JDAM	7,594	180,919					7,594	180,919
FY 2019 Appropriated Base	3,688	87,900						
FY 2019 OCO (Title IX)	3,906	93,019						
01 Airborne Rockets, All Types		153,594				-15,609		137,985
FY 2019 Appropriated Base		151,431						
2 / MK-44 rocket motor unit cost growth						(-4,212)		
2 / LAU-61 digital rocket launcher unit cost savings						(-1,197)		
2 / APKWS product improvement previously funded						(-3,000)		
2 / MK-66 unit cost growth						(-2,300)		
2 / APKWS contract savings						(-4,900)		
FY 2019 OCO (Title IX)		2,163						
01 Machine Gun Ammunition		16,344						16,344
FY 2019 Appropriated Base		11,344						
FY 2019 OCO (Title IX)		5,000						
01 Practice Bombs		49,471						49,471
FY 2019 Appropriated Base		49,471						
01 Cartridges & Cart Actuated Devices		61,561				-3,005		58,556
FY 2019 Appropriated Base		56,227						
2 / MK122 unit cost growth						(-1,508)		
2 / Thermal battery contract delay						(-968)		
FY 2019 OCO (Title IX)		5,334						
2 / MK122 unit cost growth						(-529)		
01 Air Expendable Countermeasures		102,962						102,962
FY 2019 Appropriated Base		66,382						
FY 2019 OCO (Title IX)		36,580						
01 JATOS		3,654						3,654
FY 2019 Appropriated Base		2,907						
FY 2019 OCO (Title IX)		747						
01 5 Inch/54 Gun Ammunition		72,657				-2,599		70,058
FY 2019 Appropriated Base		72,657						
2 / BLP/T previously funded						(-2,419)		
2 / 5"/54 propelling charge unit cost growth						(-180)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement of Ammunition, Navy and Marine Corps, 2019/2021 (1508N)**2019**

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	Intermediate Caliber Gun Ammunition FY 2019 Appropriated Base		33,613 33,613				-1,462		32,151
2 /	CART 57mm HE-PD unit cost growth						(-1,462)		
01	Other Ship Gun Ammunition FY 2019 Appropriated Base		44,680 42,142						44,680
	FY 2019 OCO (Title IX)		2,538						
01	Small Arms & Landing Party Ammo FY 2019 Appropriated Base		49,888 49,888						49,888
01	Pyrotechnic and Demolition FY 2019 Appropriated Base		12,738 10,931						12,738
	FY 2019 OCO (Title IX)		1,807						
01	Ammunition Less Than \$5 Million FY 2019 Appropriated Base		3,335 1,106				-2,229		1,106
	FY 2019 OCO (Title IX)		2,229						
2 /	Prior year carryover						(-2,229)		
Subtotal Budget Activity 01: Procurement of Ammunition, Navy			927,817				-50,554		877,263

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement of Ammunition, Navy and Marine Corps, 2019/2021 (1508N)**2019**

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: Procurement of Ammunition, MC								
02 Mortars		30,284				-9,750		20,534
FY 2019 Appropriated Base		28,266						
2 / Previously funded requirements						(-9,750)		
FY 2019 OCO (Title IX)		2,018						
02 Direct Support Munitions		64,296				-1,665		62,631
FY 2019 Appropriated Base		63,664						
2 / HX07 unit cost growth						(-1,665)		
FY 2019 OCO (Title IX)		632						
02 Infantry Weapons Ammunition		60,074				-4,600		55,474
FY 2019 Appropriated Base		59,295						
2 / 7.62x39mm non-standard previously funded requirement						(-1,000)		
2 / MK 281 contract delays						(-3,600)		
FY 2019 OCO (Title IX)		779						
02 Combat Support Munitions		31,741						31,741
FY 2019 Appropriated Base		31,577						
FY 2019 OCO (Title IX)		164						
02 Ammo Modernization		15,001						15,001
FY 2019 Appropriated Base		15,001						
02 Artillery Munitions		117,298				-3,716		113,582
FY 2019 Appropriated Base		86,297						
2 / DA54 155mm production engineering excess growth						(-3,716)		
FY 2019 OCO (Title IX)		31,001						
02 Items Less Than \$5 Million		6,239						6,239
FY 2019 Appropriated Base		6,239						
Subtotal Budget Activity 02: Procurement of Ammunition, MC		324,933				-19,731		305,202
Grand Total Procurement of Ammunition, Navy and Marine Corps, 2019/2021		1,252,750				-70,285		1,182,465
Financing								
APPROPRIATION, P.L. 115-245 (Base)		1,006,209				-53,527		952,682
APPROPRIATION, P.L. 115-245 (OCO)		246,541				-16,758		229,783
TOTAL FINANCING - FY 2019 PROGRAM		1,252,750				-70,285		1,182,465

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:						Fiscal Year Program:		
Shipbuilding & Conversion, Navy, 2019/2019 (1611N)						2019		
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 Warships								
02 DDG-51 FY 2019 Appropriated Base Transfers Completion of Prior Year Shipbuilding per Sec. 8071 - 2013						53,966 (53,966)		53,966
02 Littoral Combat Ship FY 2019 Appropriated Base Transfers Completion of Prior Year Shipbuilding per Sec. 8071 - 2014 Transfers Completion of Prior Year Shipbuilding per Sec. 8071 - 2015						103,184 (19,498) (83,686)		103,184
Subtotal Budget Activity 02: Other Warships						157,150		157,150
Budget Activity 03: Amphibious Ships								
03 LHA Replacement FY 2019 Appropriated Base Transfers Completion of Prior Year Shipbuilding per Sec. 8071 - 2011						25,100 (25,100)		25,100
03 Expeditionary Sea Base (ESB)								
Subtotal Budget Activity 03: Amphibious Ships						25,100		25,100
Budget Activity 05: Auxiliaries, Craft, and Prior-Year Program Costs								
05 TAO Fleet Oiler FY 2019 Appropriated Base Transfers Completion of Prior Year Shipbuilding per Sec. 8071 - 2016						15,449 (15,449)		15,449
05 Ship to Shore Connector FY 2019 Appropriated Base Transfers Completion of Prior Year Shipbuilding per Sec. 8071 - 2015						9,400 (9,400)		9,400
Subtotal Budget Activity 05: Auxiliaries, Craft, and Prior-Year Program Costs						24,849		24,849
Grand Total Shipbuilding & Conversion, Navy, 2019/2019						207,099		207,099

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Shipbuilding & Conversion, Navy, 2019/2019 (1611N)**2019**

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
Financing APPROPRIATION, P.L. 115-245 (Base)						207,099		207,099
TOTAL FINANCING - FY 2019 PROGRAM						207,099		207,099

Footnotes:

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:

Fiscal Year Program:

Shipbuilding & Conversion, Navy, 2019/2023 (1611N)**2019**

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: Fleet Ballistic Missile Ships								
01 Columbia Class Submarine Advance Procurement (CY)		3,005,330				168,070		3,173,400
FY 2019 Appropriated Base		3,005,330						
1 / Program increase - submarine industrial base expansion						(225,000)		
2 / Excess to need						(-55,930)		
2 / Excess incentive fees						(-1,000)		
Subtotal Budget Activity 01: Fleet Ballistic Missile Ships		3,005,330				168,070		3,173,400
Budget Activity 02: Other Warships								
02 Carrier Replacement Program		1,598,181				-25,000		1,573,181
FY 2019 Appropriated Base		1,598,181						
CVN-78 full ship shock trial - transfer to RDTE,N line 84						(-25,000)		
02 Virginia Class Submarine	2	4,373,382				-32,706	2	4,340,676
FY 2019 Appropriated Base	2	4,373,382						
2 / Change orders excess growth						(-20,000)		
2 / Plan costs excess growth						(-12,706)		
02 Virginia Class Submarine Advance Procurement (CY)		2,796,401						2,796,401
FY 2019 Appropriated Base		2,796,401						
02 CVN Refueling Overhauls Advance Procurement (CY)		449,597				-23,724		425,873
FY 2019 Appropriated Base		449,597						
2 / Previously funded efforts due to ten month delay						(-23,724)		
02 DDG 1000		270,965						270,965
FY 2019 Appropriated Base		270,965						
02 DDG-51	3	5,253,327				-3,490	3	5,249,837
FY 2019 Appropriated Base	3	5,253,327						
2 / Electronics excess growth						(-3,490)		
02 DDG-51 Advance Procurement (CY)		391,928				250,000		641,928
FY 2019 Appropriated Base		391,928						
1 / Program increase - advance procurement for an additional fiscal year 2020 ship						(250,000)		
02 Littoral Combat Ship	1	646,244			2	925,000	3	1,571,244
FY 2019 Appropriated Base	1	646,244						
1 / Program increase - two additional ships					(2)	(950,000)		
2 / Other costs excess growth						(-25,000)		
Subtotal Budget Activity 02: Other Warships		15,780,025				1,090,080		16,870,105

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Shipbuilding & Conversion, Navy, 2019/2023 (1611N)

2019

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: Amphibious Ships								
03 LPD Flight II Advance Procurement (CY) FY 2019 Appropriated Base						350,000		350,000
1 / Program increase - advance procurement for fiscal year 2020 LPD Flight II and/or multiyear procurement economic order quantity						(350,000)		
03 LPD Flight II								
03 Expeditionary Sea Base (ESB) FY 2019 Appropriated Base	1	650,000				-3,000	1	647,000
2 / Excess cost growth	1	650,000				(-3,000)		
03 LHA Replacement Advance Procurement (CY) FY 2019 Appropriated Base						350,000		350,000
1 / Program increase - advance procurement for LHA 9						(350,000)		
03 Expeditionary Fast Transport (EPF) FY 2019 Appropriated Base					1	225,000	1	225,000
1 / Program increase - additional ship					(1)	(225,000)		
Subtotal Budget Activity 03: Amphibious Ships		650,000				922,000		1,572,000
Budget Activity 05: Auxiliaries, Craft, and Prior-Year Program Costs								
05 TAO Fleet Oiler	2	977,104					2	977,104
FY 2019 Appropriated Base	2	977,104						
05 TAO Fleet Oiler Advance Procurement (CY)		75,046						75,046
FY 2019 Appropriated Base		75,046						
05 Towing, Salvage, and Rescue Ship (ATS)	1	80,517					1	80,517
FY 2019 Appropriated Base	1	80,517						
05 LCU 1700	2	41,520					2	41,520
FY 2019 Appropriated Base	2	41,520						
05 Outfitting		634,038				-84,000		550,038
FY 2019 Appropriated Base		634,038						
2 / Outfitting and post delivery funding early to need						(-84,000)		
05 Ship to Shore Connector	5	325,375			3	182,500	8	507,875
FY 2019 Appropriated Base	5	325,375						
1 / Program increase - three additional vessels					(3)	(182,500)		
05 Service Craft		72,062						72,062
FY 2019 Appropriated Base		72,062						
05 LCAC SLEP	1	23,321					1	23,321
FY 2019 Appropriated Base	1	23,321						
05 Completion of PY Shipbuilding Programs		207,099				-207,099		
FY 2019 Appropriated Base		207,099						
Transfers Completion of Prior Year Shipbuilding to 2019/2019 per Sec 8071						(-207,099)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Shipbuilding & Conversion, Navy, 2019/2023 (1611N)**2019**

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 Budget Activity 05: Auxiliaries, Craft, and Prior-Year Program Costs		2,436,082				-108,599		2,327,483
Grand Total Shipbuilding & Conversion, Navy, 2019/2023		21,871,437				2,071,551		23,942,988
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		21,871,437				2,071,551		23,942,988
TOTAL FINANCING - FY 2019 PROGRAM		21,871,437				2,071,551		23,942,988

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 \$20 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, 2019/2021 (1810N)

2019

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		19,700				-504		19,196
FY 2019 Appropriated Base		19,700						
2 / Gas turbine digital fuel control shipsets early to need						(-504)		
01 Surface Combatant HM&E		23,495						23,495
FY 2019 Appropriated Base		23,495						
01 Other Navigation Equipment		63,330				-2,500		60,830
FY 2019 Appropriated Base		63,330						
2 / Production engineering excess growth						(-2,500)		
01 Sub Periscope, Imaging and Supt Equip Prog		178,421				-1,800		176,621
FY 2019 Appropriated Base		178,421						
2 / Periscope interim contractor support previously funded						(-900)		
2 / AN/BLQ-10V NRE previously funded						(-900)		
01 DDG Mod		487,999				-25,091		462,908
FY 2019 Appropriated Base		487,999						
2 / AWS upgrade installation excess growth						(-3,790)		
2 / IVCS upgrade installation excess to growth						(-2,122)		
2 / AN/SPA-25H installation excess growth						(-679)		
2 / Aegis modernization testing insufficient budget justification						(-9,500)		
2 / Combat system ship qualification trials insufficient budget justification						(-9,000)		
01 Firefighting Equipment		28,143						28,143
FY 2019 Appropriated Base		28,143						
01 Command and Control Switchboard		2,248						2,248
FY 2019 Appropriated Base		2,248						
01 LHA/LHD Midlife		37,694				-5,341		32,353
FY 2019 Appropriated Base		37,694						
2 / Damage control and ballast control unjustified request						(-2,632)		
2 / Propulsion and auxiliary control system engineering services unjustified request						(-2,709)		
01 Pollution Control Equipment		20,883						20,883
FY 2019 Appropriated Base		20,883						
01 Submarine Support Equipment		37,155						37,155
FY 2019 Appropriated Base		37,155						
01 Virginia Class Support Equipment		66,328						66,328
FY 2019 Appropriated Base		66,328						
01 LCS Class Support Equipment		47,241						47,241
FY 2019 Appropriated Base		47,241						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)**2019**

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	Submarine Batteries		27,987				-3,527		24,460
	FY 2019 Appropriated Base		27,987						
	2 / Los Angeles class unit cost growth						(-704)		
	2 / Ohio class unit cost growth						(-1,604)		
	2 / Virginia class unit cost growth						(-1,219)		
01	LPD Class Support Equipment		65,033				-3,007		62,026
	FY 2019 Appropriated Base		65,033						
	2 / HW/SW obsolescence excess installation						(-3,007)		
01	DDG 1000 Class Support Equipment		89,700				-32,000		57,700
	FY 2019 Appropriated Base		89,700						
	2 / DDG 1002 data center early to need						(-32,000)		
01	Strategic Platform Support Equip		22,254						22,254
	FY 2019 Appropriated Base		22,254						
01	DSSP Equipment		3,629						3,629
	FY 2019 Appropriated Base		3,629						
01	CG Modernization		276,446				-7,937		268,509
	FY 2019 Appropriated Base		276,446						
	2 / Installation/DSA/AIT previously funded						(-2,746)		
	2 / AN/SQQ-89 installation cost growth						(-5,191)		
01	LCAC		3,709						3,709
	FY 2019 Appropriated Base		3,709						
01	Underwater EOD Programs		88,007				-5,807		82,200
	FY 2019 Appropriated Base		78,807						
	2 / Open water transport system early to need						(-5,807)		
	FY 2019 OCO (Title IX)		9,200						
01	Items Less Than \$5 Million		126,865				-3,180		123,685
	FY 2019 Appropriated Base		126,865						
	2 / LSD boat davit installation cost carryover						(-1,443)		
	2 / ESS SOF backfit installation cost growth						(-1,737)		
01	Chemical Warfare Detectors		2,966						2,966
	FY 2019 Appropriated Base		2,966						
01	Submarine Life Support System		11,968				-5,044		6,924
	FY 2019 Appropriated Base		11,968						
	2 / Low pressure electrolyzer early to need						(-5,044)		
01	Reactor Power Units		346,325						346,325
	FY 2019 Appropriated Base		346,325						
01	Reactor Components		497,063						497,063
	FY 2019 Appropriated Base		497,063						
01	Diving and Salvage Equipment		10,706						10,706
	FY 2019 Appropriated Base		10,706						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)**2019**

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	Standard Boats		68,831						68,831
	FY 2019 Appropriated Base		49,771						
	FY 2019 OCO (Title IX)		19,060						
01	Operating Forces lpe		225,181				72,000		297,181
	FY 2019 Appropriated Base		225,181						
	1 / Program increase - shipyard investment acceleration						(75,000)		
	2 / Navy maritime maintenance enterprise solution technical refresh unjustified growth						(-3,000)		
01	LCS Common Mission Modules Equipment		46,732				-13,495		33,237
	FY 2019 Appropriated Base		46,732						
	2 / EMM AN/SQS=62 training equipment unjustified request						(-4,509)		
	2 / EMM mission package computing environment ahead of need						(-8,986)		
01	LCS MCM Mission Modules		124,147				-25,246		98,901
	FY 2019 Appropriated Base		124,147						
	2 / MCM USV early to need						(-17,480)		
	2 / AMNS unit cost growth						(-3,026)		
	2 / Knifefish unit cost growth						(-4,740)		
01	LCS ASW Mission Modules		57,294				-57,294		
	FY 2019 Appropriated Base		57,294						
	2 / ASW mission modules ahead of need						(-57,294)		
01	LCS SUW Mission Modules		26,006				-12,981		13,025
	FY 2019 Appropriated Base		26,006						
	2 / Gun module excess production engineering support						(-1,040)		
	2 / Surface-to-surface missile module excess to need						(-11,941)		
01	LCS In-Service Modernization		70,526				-8,000		62,526
	FY 2019 Appropriated Base		70,526						
	2 / Combat systems modernization unjustified request						(-8,000)		
01	LSD Midlife & Modernization		4,784						4,784
	FY 2019 Appropriated Base		4,784						
Subtotal Budget Activity 01: Ships Support Equipment			3,208,796				-140,754		3,068,042

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)

2019

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: Communications and Electronics Equipment								
02 SPQ-9B Radar		20,309				-1,130		19,179
FY 2019 Appropriated Base		20,309						
2 / Installation funding early to need						(-1,130)		
02 AN/SQQ-89 Surf ASW Combat System		115,459				-1,115		114,344
FY 2019 Appropriated Base		115,459						
2 / Installation cost growth						(-1,115)		
02 SSN Acoustic Equipment		318,189				10,469		328,658
FY 2019 Appropriated Base		318,189						
1 / Program increase						(14,000)		
2 / Towed systems refurbishment previously funded						(-3,531)		
02 Undersea Warfare Support Equipment		10,134						10,134
FY 2019 Appropriated Base		10,134						
02 Submarine Acoustic Warfare System		23,815				-2,200		21,615
FY 2019 Appropriated Base		23,815						
2 / NRE excess growth						(-2,200)		
02 SSTD		11,277				-6,500		4,777
FY 2019 Appropriated Base		11,277						
2 / AN/SLQ-25E delay						(-6,500)		
02 Fixed Surveillance System		294,730						294,730
FY 2019 Appropriated Base		237,780						
FY 2019 OCO (Title IX)		56,950						
02 SURTASS		57,872						57,872
FY 2019 Appropriated Base		57,872						
02 AN/SLQ-32		420,344				-54,197		366,147
FY 2019 Appropriated Base		420,344						
2 / Block 2 support costs excess growth						(-3,487)		
2 / Block 2 installation cost growth						(-14,671)		
2 / Block 3 excess systems						(-30,188)		
2 / Block 3 excess installation funding						(-5,851)		
02 Shipboard IW Exploit		220,883				-2,780		218,103
FY 2019 Appropriated Base		220,883						
2 / Increment F kit cost growth						(-2,780)		
02 Automated Identification System (AIS)		4,028						4,028
FY 2019 Appropriated Base		4,028						
02 Cooperative Engagement Capability		44,173				-5,097		39,076
FY 2019 Appropriated Base		44,173						
2 / Signal data processors backfits and installation unjustified request						(-421)		
2 / Common array block antenna						(-4,676)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)

2019

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	Naval Tactical Command Support System (NTCSS)		10,991						10,991
	FY 2019 Appropriated Base		10,991						
02	ATDLS		34,526				-4,441		30,085
	FY 2019 Appropriated Base		34,526						
	2 / LMMT ship installation cost growth						(-1,090)		
	2 / Technology refresh installation cost growth						(-3,351)		
02	Navy Command and Control System (NCCS)		3,769						3,769
	FY 2019 Appropriated Base		3,769						
02	Minesweeping System Replacement		35,709				-3,342		32,367
	FY 2019 Appropriated Base		35,709						
	1 / Program increase - EO/IR sensors for MCMs						(5,000)		
	2 / UISS training equipment contract award delay						(-1,893)		
	2 / MSF measurement system reductions not properly accounted						(-4,079)		
	2 / Knifefish unit cost growth						(-2,370)		
02	Shallow Water MCM		8,616						8,616
	FY 2019 Appropriated Base		8,616						
02	Navstar GPS Receivers (SPACE)		10,703						10,703
	FY 2019 Appropriated Base		10,703						
02	American Forces Radio and TV Service		2,626						2,626
	FY 2019 Appropriated Base		2,626						
02	Strategic Platform Support Equip		9,467						9,467
	FY 2019 Appropriated Base		9,467						
02	Ashore ATC Equipment		70,849						70,849
	FY 2019 Appropriated Base		70,849						
02	Afloat ATC Equipment		47,890						47,890
	FY 2019 Appropriated Base		47,890						
02	ID Systems		26,163				-3,386		22,777
	FY 2019 Appropriated Base		26,163						
	2 / Mark XII mode 5 support costs excess growth						(-2,095)		
	2 / Mark II mode 5 installation cost excess growth						(-1,291)		
02	Joint Precision Approach And Landing System		38,094						38,094
	FY 2019 Appropriated Base		38,094						
02	Naval Mission Planning Systems		11,966						11,966
	FY 2019 Appropriated Base		11,966						
02	Tactical/Mobile C4I Systems		42,010						42,010
	FY 2019 Appropriated Base		42,010						
02	DCGS-N		12,896				-2,677		10,219
	FY 2019 Appropriated Base		12,896						
	2 / Product improvement afloat kit cost growth						(-2,677)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)**2019**

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	CANES		423,027				-18,136		404,891
	FY 2019 Appropriated Base		423,027						
	2 / CANES afloat kit prior year carryover						(-10,274)		
	2 / Installations previously funded						(-7,862)		
02	RADIAC		8,175						8,175
	FY 2019 Appropriated Base		8,175						
02	CANES-Intell		54,465				-1,000		53,465
	FY 2019 Appropriated Base		54,465						
	2 / Installation previously funded						(-1,000)		
02	GPETE		5,985						5,985
	FY 2019 Appropriated Base		5,985						
02	MASF		5,413						5,413
	FY 2019 Appropriated Base		5,413						
02	Integ Combat System Test Facility		6,251						6,251
	FY 2019 Appropriated Base		6,251						
02	EMI Control Instrumentation		4,183						4,183
	FY 2019 Appropriated Base		4,183						
02	Items Less Than \$5 Million		148,350				-8,258		140,092
	FY 2019 Appropriated Base		148,350						
	2 / DBR ECPs previously funded						(-2,016)		
	2 / Next generation surface ship radar installation early to need						(-6,242)		
02	Shipboard Tactical Communications		45,450						45,450
	FY 2019 Appropriated Base		45,450						
02	Ship Communications Automation		105,087						105,087
	FY 2019 Appropriated Base		105,087						
02	Communications Items Under \$5M		41,123				-2,042		39,081
	FY 2019 Appropriated Base		41,123						
	2 / BFTN system unit cost growth						(-520)		
	2 / BFTN DSA unjustified request						(-1,522)		
02	Submarine Broadcast Support		30,897				-5,014		25,883
	FY 2019 Appropriated Base		30,897						
	2 / LBUCS receive procurement and installations previously funded						(-1,014)		
	2 / TACOMO NRE unjustified request						(-4,000)		
02	Submarine Communication Equipment		78,580						78,580
	FY 2019 Appropriated Base		78,580						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)**2019**

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	Satellite Communications Systems		44,405				-2,503		41,902
	FY 2019 Appropriated Base		41,205						
	2 / Commercial broadband satellite program afloat installation cost excess growth						(-1,003)		
	2 / CBSP Ka kits NRE unjustified growth						(-1,500)		
	FY 2019 OCO (Title IX)		3,200						
02	Navy Multiband Terminal (NMT)		113,885				-4,500		109,385
	FY 2019 Appropriated Base		113,885						
	2 / Afloat installation cost excess growth						(-4,500)		
02	Joint Communications Support Element (JCSE)		4,292						4,292
	FY 2019 Appropriated Base		4,292						
02	Info Systems Security Program (ISSP)		153,526				-1,698		151,828
	FY 2019 Appropriated Base		153,526						
	2 / Computer network defense increment 2 ashore installation cost excess growth						(-1,698)		
	3 / Cyberspace Activities FY19								
02	MIO Intel Exploitation Team		951						951
	FY 2019 Appropriated Base		951						
02	Cryptologic Communications Equip		16,209				2,800		19,009
	FY 2019 Appropriated Base		14,209						
	1 / Program increase - SOUTHCOM ISR requirements						(2,800)		
	3 / Cyberspace Activities FY19								
	FY 2019 OCO (Title IX)		2,000						
02	Coast Guard Equipment		40,713						40,713
	FY 2019 Appropriated Base		40,713						
Subtotal Budget Activity 02: Communications and Electronics Equipment			3,238,455				-116,747		3,121,708

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)**2019**

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: Aviation Support Equipment								
03 Sonobuoys - All Types		199,047				38,300		237,347
FY 2019 Appropriated Base		177,891						
1 / Program increase						(38,300)		
FY 2019 OCO (Title IX)		21,156						
03 Weapons Range Support Equipment		93,864						93,864
FY 2019 Appropriated Base		93,864						
03 Aircraft Support Equipment		111,724				-5,781		105,943
FY 2019 Appropriated Base		111,724						
2 / Air launch and recovery equipment previously funded						(-1,977)		
2 / LAMPS MK II installation cost excess growth						(-3,804)		
03 Advanced Arresting Gear (AAG)		11,054						11,054
FY 2019 Appropriated Base		11,054						
03 Meteorological Equipment		21,072						21,072
FY 2019 Appropriated Base		21,072						
03 DCRS/DPL		656						656
FY 2019 Appropriated Base		656						
03 Airborne Mine Countermeasures		11,299						11,299
FY 2019 Appropriated Base		11,299						
03 Lamps Equipment		594						594
FY 2019 Appropriated Base		594						
03 Aviation Support Equipment		39,374				-1,500		37,874
FY 2019 Appropriated Base		39,374						
2 / Unit cost growth						(-1,500)		
03 UMCS-Unman Carrier Aviation(UCA)Mission Cntrl		35,405				-17,386		18,019
FY 2019 Appropriated Base		35,405						
2 / Mission system NRE unjustified request						(-2,596)		
2 / Production engineering support excess growth						(-7,564)		
2 / MD-5A procurement ahead of need						(-3,742)		
2 / Ship change document ahead of need						(-3,484)		
Subtotal Budget Activity 03: Aviation Support Equipment		524,089				13,633		537,722

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)

2019

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		5,337						5,337
FY 2019 Appropriated Base		5,337						
04 Ship Missile Support Equipment		213,090				-12,972		200,118
FY 2019 Appropriated Base		213,090						
2 / Nuke decoys unit cost growth						(-1,953)		
2 / ESSM missile launcher upgrade unjustified funding						(-4,619)		
2 / RAM ORDALTs for block 2B ahead of need						(-6,400)		
04 Tomahawk Support Equipment		92,890				-6,845		86,045
FY 2019 Appropriated Base		92,890						
2 / Tomahawk mission planning center hardware unjustified growth						(-6,845)		
04 Strategic Missile Systems Equip		271,817				-15,000		256,817
FY 2019 Appropriated Base		271,817						
2 / SSI increment 15 excess growth						(-15,000)		
04 SSN Combat Control Systems		129,501				-3,598		125,903
FY 2019 Appropriated Base		129,501						
2 / Weapons launch systems tech insertion previously funded						(-3,598)		
04 ASW Support Equipment		19,436						19,436
FY 2019 Appropriated Base		19,436						
04 Explosive Ordnance Disposal Equip		47,838				-6,000		41,838
FY 2019 Appropriated Base		14,258						
FY 2019 OCO (Title IX)		33,580						
2 / JCREW CUAS unit cost growth						(-6,000)		
04 Items Less Than \$5 Million		5,378						5,378
FY 2019 Appropriated Base		5,378						
04 Submarine Training Device Mods		65,543				-8,709		56,834
FY 2019 Appropriated Base		65,543						
2 / VA SMTT new normal unjustified request						(-8,709)		
04 Surface Training Equipment		230,425				-2,634		227,791
FY 2019 Appropriated Base		230,425						
2 / BFTT upgrade kits installation funding ahead of need						(-2,634)		
Subtotal Budget Activity 04: Ordnance Support Equipment		1,081,255				-55,758		1,025,497

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)

2019

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: Civil Engineering Support Equipment								
05 Passenger Carrying Vehicles		5,037						5,037
FY 2019 Appropriated Base		4,867						
FY 2019 OCO (Title IX)		170						
05 General Purpose Trucks		3,074						3,074
FY 2019 Appropriated Base		2,674						
FY 2019 OCO (Title IX)		400						
05 Construction & Maintenance Equip		20,994						20,994
FY 2019 Appropriated Base		20,994						
05 Fire Fighting Equipment		17,959						17,959
FY 2019 Appropriated Base		17,189						
FY 2019 OCO (Title IX)		770						
05 Tactical Vehicles		27,214						27,214
FY 2019 Appropriated Base		19,916						
FY 2019 OCO (Title IX)		7,298						
05 Amphibious Equipment		7,400				-1,224		6,176
FY 2019 Appropriated Base		7,400						
2 / INLS modules unit cost growth						(-1,224)		
05 Pollution Control Equipment		2,713						2,713
FY 2019 Appropriated Base		2,713						
05 Items Under \$5 Million		35,540						35,540
FY 2019 Appropriated Base		35,540						
05 Physical Security Vehicles		1,155						1,155
FY 2019 Appropriated Base		1,155						
Subtotal Budget Activity 05: Civil Engineering Support Equipment		121,086				-1,224		119,862
Budget Activity 06: Supply Support Equipment								
06 Supply Equipment		18,786				-1,400		17,386
FY 2019 Appropriated Base		18,786						
2 / Collateral equipment unjustified growth						(-1,400)		
06 First Destination Transportation		5,875						5,875
FY 2019 Appropriated Base		5,375						
FY 2019 OCO (Title IX)		500						
06 Special Purpose Supply Systems		580,371						580,371
FY 2019 Appropriated Base		580,371						
Subtotal Budget Activity 06: Supply Support Equipment		605,032				-1,400		603,632

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)

2019

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: Personnel and Command Support Equipment								
07 Training Support Equipment		3,400						3,400
FY 2019 Appropriated Base		3,400						
07 Training and Education Equipment		24,283				-3,600		20,683
FY 2019 Appropriated Base		24,283						
2 / CANES acceleration unjustified request						(-3,600)		
07 Command Support Equipment		66,681				-5,104		61,577
FY 2019 Appropriated Base		66,681						
2 / Converged ERP excess growth						(-2,028)		
Navy personnel and pay ashore equipment excess growth						(-3,076)		
3 / Cyberspace Activities FY19								
07 Medical Support Equipment		9,852				7,000		16,852
FY 2019 Appropriated Base		3,352						
1 / Program increase - expeditionary medical facilities						(7,000)		
FY 2019 OCO (Title IX)		6,500						
07 Naval MIP Support Equipment		1,984						1,984
FY 2019 Appropriated Base		1,984						
07 Operating Forces Support Equipment		15,131						15,131
FY 2019 Appropriated Base		15,131						
07 C4ISR Equipment		3,576						3,576
FY 2019 Appropriated Base		3,576						
07 Environmental Support Equipment		34,102						34,102
FY 2019 Appropriated Base		31,902						
FY 2019 OCO (Title IX)		2,200						
07 Physical Security Equipment		194,825						194,825
FY 2019 Appropriated Base		175,436						
FY 2019 OCO (Title IX)		19,389						
07 Enterprise Information Technology		25,393						25,393
FY 2019 Appropriated Base		25,393						
07 Next Generation Enterprise Service		96,269						96,269
FY 2019 Appropriated Base		96,269						
07 Classified Programs		20,481						20,481
FY 2019 Appropriated Base		15,681						
FY 2019 OCO (Title IX)		4,800						
Subtotal Budget Activity 07: Personnel and Command Support Equipment		495,977				-1,704		494,273

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Navy, 2019/2021 (1810N)**2019**

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 08: Spares and Repair Parts								
08 Spares and Repair Parts		326,838				-19,263		307,575
FY 2019 Appropriated Base		326,838						
2 / Outfitting unjustified growth						(-18,792)		
2 / Hybrid electric drive spares program termination						(-471)		
3 / Cyberspace Activities FY19								
Subtotal Budget Activity 08: Spares and Repair Parts		326,838				-19,263		307,575
Grand Total Other Procurement, Navy, 2019/2021		9,601,528				-323,217		9,278,311
Financing								
APPROPRIATION, P.L. 115-245 (Base)		9,414,355				-317,217		9,097,138
APPROPRIATION, P.L. 115-245 (OCO)		187,173				-6,000		181,173
TOTAL FINANCING - FY 2019 PROGRAM		9,601,528				-323,217		9,278,311

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.
- 3 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.

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:

Fiscal Year Program:

Procurement, Marine Corps, 2019/2021 (1109N)**2019**

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: Weapons and Combat Vehicles								
02 AAV7A1 PIP		156,249				-59,413		96,836
FY 2019 Appropriated Base		156,249						
2 / Excess production to smooth ramp						(-59,413)		
02 Amphibious Combat Vehicle 1.1	30	167,478					30	167,478
FY 2019 Appropriated Base	30	167,478						
02 LAV PIP		43,701				-7,049		36,652
FY 2019 Appropriated Base		43,701						
2 / Excess kit procurement and ILS						(-7,049)		
02 155mm Lightweight Towed Howitzer		47,158				-10,000		37,158
FY 2019 Appropriated Base		47,158						
2 / Unjustified budget request						(-10,000)		
02 Artillery Weapons System		134,246				-3,265		130,981
FY 2019 Appropriated Base		134,246						
2 / GMLRS unit cost discrepancy						(-1,995)		
2 / RRPR unit cost discrepancy						(-1,270)		
02 Weapons and Combat Vehicles Under \$5 Million		40,687						40,687
FY 2019 Appropriated Base		40,687						
02 Modification Kits		22,904						22,904
FY 2019 Appropriated Base		22,904						
Subtotal Budget Activity 02: Weapons and Combat Vehicles		612,423				-79,727		532,696
Budget Activity 03: Guided Missiles and Equipment								
03 Ground Based Air Defense		18,334						18,334
FY 2019 Appropriated Base		18,334						
03 Anti-Armor Missile-Javelin	5	3,020					5	3,020
FY 2019 Appropriated Base	5	3,020						
03 Family Anti-Armor Weapon Systems (FOAAWS)		13,760						13,760
FY 2019 Appropriated Base		13,760						
03 Anti-Armor Missile-TOW		59,702				-8,470		51,232
FY 2019 Appropriated Base		59,702						
2 / Unit cost growth						(-8,470)		
Subtotal Budget Activity 03: Guided Missiles and Equipment		94,816				-8,470		86,346

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Marine Corps, 2019/2021 (1109N)**2019**

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		35,467				-2,880		32,587
FY 2019 Appropriated Base		35,467						
2 / MIDS previously funded						(-2,880)		
04 Repair and Test Equipment		46,081				-425		45,656
FY 2019 Appropriated Base		46,081						
2 / General purpose tools and test systems previously funded						(-425)		
04 Modification Kits		971						971
FY 2019 Appropriated Base		971						
04 Items Under \$5 Million (Comm & Elec)		69,203				-1,775		67,428
FY 2019 Appropriated Base		69,203						
2 / TIPS previously funded						(-1,775)		
04 Air Operations C2 Systems		14,269						14,269
FY 2019 Appropriated Base		14,269						
04 Radar Systems		6,694						6,694
FY 2019 Appropriated Base		6,694						
04 Ground/Air Task Oriented Radar (G/ATOR)	6	224,969				-4,553	6	220,416
FY 2019 Appropriated Base	6	224,969						
2 / SEPM excess growth						(-2,450)		
2 / Logistics support excess growth						(-2,103)		
04 GCSS-MC		1,187						1,187
FY 2019 Appropriated Base		1,187						
04 Fire Support System		65,772				-846		64,926
FY 2019 Appropriated Base		60,189						
2 / THS excess integration						(-846)		
FY 2019 OCO (Title IX)		5,583						
04 Intelligence Support Equipment		73,848				-880		72,968
FY 2019 Appropriated Base		73,848						
2 / Intelligence broadcast receiver prior year carryover						(-880)		
04 Unmanned Air Systems (Intel)		3,848						3,848
FY 2019 Appropriated Base		3,848						
04 DCGS-MC		16,081						16,081
FY 2019 Appropriated Base		16,081						
04 Next Generation Enterprise Network (NGEN)		87,120				-5,000		82,120
FY 2019 Appropriated Base		87,120						
2 / End user devices tech refresh unit cost growth						(-5,000)		
04 Common Computer Resources		68,914				-6,010		62,904
FY 2019 Appropriated Base		68,914						
2 / Unjustified growth						(-6,010)		
4 / Cyberspace Activities FY19								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Marine Corps, 2019/2021 (1109N)**2019**

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	Command Post Systems FY 2019 Appropriated Base		124,838 124,838				-8,965		115,873
2 /	JLTV B-kits unjustified request						(-8,965)		
04	Radio Systems FY 2019 Appropriated Base		279,680 279,680				-28,268		251,412
2 /	Line of sight system replacements unjustified request						(-23,093)		
2 /	Line of sight ancillary components early to need						(-5,175)		
04	Comm Switching & Control Systems FY 2019 Appropriated Base		36,649 36,649				-5,474		31,175
2 /	ECP small form factor unjustified request						(-5,474)		
04	Comm & Elec Infrastructure Support FY 2019 Appropriated Base		83,971 83,971				-11,129		72,842
2 /	Excess growth						(-11,129)		
4 /	Cyberspace Activities FY19								
04	Classified Programs FY 2019 Appropriated Base FY 2019 OCO (Title IX)		3,626 5,747 -2,121						3,626
Subtotal Budget Activity 04: Communications and Electronics Equipment			1,243,188				-76,205		1,166,983
Budget Activity 05: Support Vehicles									
05	Commercial Cargo Vehicles FY 2019 Appropriated Base		25,441 25,441				-1,577		23,864
2 /	Unarmored vehicles unit cost growth						(-1,577)		
05	Motor Transport Modifications FY 2019 Appropriated Base FY 2019 OCO (Title IX)		55,832 11,392 44,440						55,832
05	Joint Light Tactical Vehicle FY 2019 Appropriated Base		607,011 607,011				-7,737		599,274
2 /	Unit cost growth						(-7,737)		
05	Family of Tactical Trailers FY 2019 Appropriated Base		2,393 2,393						2,393
05	Trailers FY 2019 Appropriated Base		6,540 6,540				-6,540		
2 /	Unjustified request						(-6,540)		
Subtotal Budget Activity 05: Support Vehicles			697,217				-15,854		681,363

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Marine Corps, 2019/2021 (1109N)**2019**

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: Engineer and Other Equipment								
06 Environmental Control Equip Assort		496						496
FY 2019 Appropriated Base		496						
06 Tactical Fuel Systems		54						54
FY 2019 Appropriated Base		54						
06 Power Equipment Assorted		21,062				-4,177		16,885
FY 2019 Appropriated Base		21,062						
2 / Advanced power sources unjustified growth						(-4,177)		
06 Amphibious Support Equipment		5,290				9,600		14,890
FY 2019 Appropriated Base		5,290						
1 / Program increase - diver propulsion device						(9,600)		
06 EOD Systems		55,854						55,854
FY 2019 Appropriated Base		47,854						
FY 2019 OCO (Title IX)		8,000						
06 Physical Security Equipment		28,306						28,306
FY 2019 Appropriated Base		28,306						
06 Field Medical Equipment		33,513						33,513
FY 2019 Appropriated Base		33,513						
06 Training Devices		52,040				12,000		64,040
FY 2019 Appropriated Base		52,040						
1 / Program increase - I-TESS II man-worn detection systems						(12,000)		
06 Family of Construction Equipment		36,156				23,700		59,856
FY 2019 Appropriated Base		36,156						
1 / Program increase - high mobility engineer excavators						(10,200)		
1 / Program increase - laser leveling systems						(3,500)		
1 / Program increase - RTCH service life extension program						(10,000)		
06 Family of Internally Transportable Veh (ITV)		606						606
FY 2019 Appropriated Base		606						
06 Items Less Than \$5 Million		11,608						11,608
FY 2019 Appropriated Base		11,608						
Subtotal Budget Activity 06: Engineer and Other Equipment		244,985				41,123		286,108
Budget Activity 07: Spares and Repair Parts								
07 Spares and Repair Parts		25,804				-1,407		24,397
FY 2019 Appropriated Base		25,804						
2 / G/ATOR spares excess cost growth						(-1,407)		
Subtotal Budget Activity 07: Spares and Repair Parts		25,804				-1,407		24,397
Grand Total Procurement, Marine Corps, 2019/2021		2,918,433				-140,540		2,777,893

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Marine Corps, 2019/2021 (1109N)**2019**

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
Financing								
APPROPRIATION, P.L. 115-245 (Base)		2,862,531				-140,540		2,721,991
APPROPRIATION, P.L. 115-245 (OCO)		55,902						55,902
TOTAL FINANCING - FY 2019 PROGRAM		2,918,433				-140,540		2,777,893

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 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.

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:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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: Basic Research								
01 0601103N University Research Initiatives		119,433				42,000		161,433
FY 2019 Appropriated Base		119,433						
1 / Program increase - defense university research instrumentation program						(10,000)		
1 / Program increase - radar technology						(6,000)		
1 / Program increase - biocoherent energy						(6,000)		
1 / Program increase - basic research						(10,000)		
1 / Program increase - aircraft fleet readiness and sustainment						(10,000)		
01 0601152N In-House Laboratory Independent Research		19,237						19,237
FY 2019 Appropriated Base		19,237						
01 0601153N Defense Research Sciences		458,708				40,394		499,102
FY 2019 Appropriated Base		458,708						
1 / Program increase - basic research						(35,000)		
1 / Program increase - Navy ROTC cybersecurity training program						(5,500)		
FFRDC Reductions (Section 8024)						(-106)		
Subtotal Budget Activity 01: Basic Research		597,378				82,394		679,772
Budget Activity 02: Applied Research								
02 0602114N Power Projection Applied Research		14,643				13,000		27,643
FY 2019 Appropriated Base		14,643						
1 / Program increase - directed energy						(4,000)		
1 / Program increase - high performance microwave systems for counter-UAS defense						(9,000)		
02 0602123N Force Protection Applied Research		124,049				56,500		180,549
FY 2019 Appropriated Base		124,049						
1 / Program increase - advanced energetics research						(7,500)		
1 / Program increase - advanced hull form development and demonstration						(8,000)		
1 / Program increase - hybrid composite structures research for enhanced mobility						(5,000)		
1 / Program increase - Navy alternative energy research						(28,000)		
1 / Program increase - power generation and storage research						(5,000)		
1 / Program increase - standoff detection of buried hazards and munitions						(3,000)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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	0602131M	Marine Corps Landing Force Technology FY 2019 Appropriated Base		59,607				3,605		63,212
		1 / Program increase - interdisciplinary expeditionary cybersecurity research		59,607				(5,000)		
		1 / Program increase - Marine Corps asset lifecycle management						(2,000)		
		2 / Expeditionary cyber delayed new start						(-3,395)		
02	0602235N	Common Picture Applied Research FY 2019 Appropriated Base		36,348						36,348
				36,348						
02	0602236N	Warfighter Sustainment Applied Research FY 2019 Appropriated Base		56,197				9,585		65,782
				56,197						
		1 / Program increase - warfighter safety and performance						(4,500)		
		1 / Program increase						(2,400)		
		Retain previous budget structure - transfer from line 23 (BA03 / 0603671N / Navy Advanced Technology Development (ATD))						(2,685)		
02	0602271N	Electromagnetic Systems Applied Research FY 2019 Appropriated Base		83,800				-7,303		76,497
				83,800						
		2 / Electronic warfare technology previously funded						(-4,573)		
		2 / Solid state electronics unjustified growth						(-2,604)		
		FFRDC Reductions (Section 8024)						(-126)		
02	0602435N	Ocean Warfighting Environment Applied Research FY 2019 Appropriated Base		42,998				47,000		89,998
				42,998						
		1 / Program increase - naval special warfare						(10,000)		
		1 / Program increase - task force ocean						(10,000)		
		1 / Program increase - acoustics research						(2,000)		
		1 / Program increase - multi-modal detection research						(10,000)		
		1 / Program increase - persistent maritime surveillance						(15,000)		
02	0602651M	Joint Non-Lethal Weapons Applied Research FY 2019 Appropriated Base		6,349				-50		6,299
				6,349						
		FFRDC Reductions (Section 8024)						(-50)		
02	0602747N	Undersea Warfare Applied Research FY 2019 Appropriated Base		58,049				20,000		78,049
				58,049						
		1 / Program increase						(5,000)		
		1 / Program increase						(15,000)		
02	0602750N	Future Naval Capabilities Applied Research FY 2019 Appropriated Base		147,771				-10,070		137,701
				147,771						
		2 / Unjustified request						(-10,070)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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	0602782N	Mine and Expeditionary Warfare Applied Research FY 2019 Appropriated Base		37,545 37,545				669		38,214
	1 /	Program increase - unmanned aerial and deep submersible platforms						(2,000)		
	2 /	Mine technology previously funded						(-1,331)		
02	0602792N	Innovative Naval Prototypes (INP) Applied Research FY 2019 Appropriated Base		159,697 159,697				-5,612		154,085
	2 /	Cyber excess growth						(-5,612)		
02	0602861N	Science and Technology Management - ONR Field Activities FY 2019 Appropriated Base		64,418 64,418						64,418
Subtotal Budget Activity 02: Applied Research				891,471				127,324		1,018,795

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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 FY 2019 Appropriated Base		2,423				30,192		32,615
Retain previous budget structure - transfer from line 23 (BA03 / 0603671N / Navy Advanced Technology Development (ATD))		2,423				(30,192)		
03 0603271N Electromagnetic Systems Advanced Technology FY 2019 Appropriated Base						8,804		8,804
Retain previous budget structure - transfer from line 23 (BA03 / 0603671N / Navy Advanced Technology Development (ATD))						(8,804)		
03 0603640M USMC Advanced Technology Demonstration (ATD) FY 2019 Appropriated Base		150,245				24,564		174,809
1 / Program increase - common unmanned aerial vehicle simulation system		150,245				(10,000)		
1 / Program increase - flight motion simulator and testing of UAVs						(6,000)		
1 / Program increase - modular advanced armed robotic system 2.0						(4,000)		
1 / Program increase - UAS air-delivered extended range munitions demo						(7,000)		
2 / Expeditionary cyber delayed new start						(-2,000)		
FFRDC Reductions (Section 8024)						(-436)		
03 0603651M Joint Non-Lethal Weapons Technology Development FY 2019 Appropriated Base		13,313						13,313
		13,313						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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	0603671N	Navy Advanced Technology Development (ATD) FY 2019 Appropriated Base		131,502 131,502				-131,502		
	2 /	Special projects unjustified request						(-1,945)		
	2 /	Surface ship and submarine hull mechanical and electrical excess growth						(-3,942)		
		Retain previous budget structure - transfer to line 19 (BA03 / 0603123N / Force Protection Advanced Technology)						(-30,192)		
		Retain previous budget structure - transfer to line 20 (BA03 / 0603271N / Electromagnetic Systems Advanced Technology)						(-8,804)		
		Retain previous budget structure - transfer to line 26 (BA03 / 0603729N / Warfighter Protection Advanced Technology)						(-4,877)		
		Retain previous budget structure - transfer to line 28 (BA03 / 0603758N / Navy Warfighting Experiments and Demonstrations)						(-65,885)		
		Retain previous budget structure - transfer to line 29 (BA03 / 0603782N / Mine and Expeditionary Warfare Advanced Technology)						(-13,172)		
		Retain previous budget structure - transfer to line 8 (BA02 / 0602236N / Warfighter Sustainment Applied Research)						(-2,685)		
03	0603673N	Future Naval Capabilities Advanced Technology Development FY 2019 Appropriated Base		232,996 232,996				-18,812		214,184
	1 /	Program increase - advanced development of high yield conventional energetics						(7,500)		
	2 /	Expeditionary maneuver warfare excess to growth						(-4,711)		
	2 /	Air warfare unjustified request						(-3,913)		
	2 /	Information warfare unjustified request						(-8,272)		
	2 /	Surface warfare unjustified request						(-3,628)		
	2 /	Undersea warfare unjustified request						(-5,579)		
		FFRDC Reductions (Section 8024)						(-209)		
03	0603680N	Manufacturing Technology Program FY 2019 Appropriated Base		58,657 58,657						58,657
03	0603729N	Warfighter Protection Advanced Technology FY 2019 Appropriated Base						41,377		41,377
	1 /	Program increase - bone marrow registry program						(31,500)		
		Retain previous budget structure - transfer from line 23 (BA03 / 0603671N / Navy Advanced Technology Development (ATD))						(4,877)		
	1 /	Program increase - novel therapeutic interventions research						(5,000)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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	0603758N	Navy Warfighting Experiments and Demonstrations FY 2019 Appropriated Base Retain previous budget structure - transfer from line 23 (BA03 / 0603671N / Navy Advanced Technology Development (ATD))						65,885 (65,885)		65,885
03	0603782N	Mine and Expeditionary Warfare Advanced Technology FY 2019 Appropriated Base Retain previous budget structure - transfer from line 23 (BA03 / 0603671N / Navy Advanced Technology Development (ATD))						39,672 (13,172)		39,672
	1 /	Program increase - sensor for maritime capabilities demonstration - transfer from line 23 (BA03 / 0603671N / Navy Advanced Technology Development (ATD))						(23,500)		
	1 /	Program increase - additive manufacturing - transfer from line 23 (BA03 / 0603671N / Navy Advanced Technology Development (ATD))						(3,000)		
03	0603801N	Innovative Naval Prototypes (INP) Advanced Technology Development FY 2019 Appropriated Base		161,859				40,535		202,394
	1 /	Program increase - electromagnetic railgun		161,859				(10,000)		
	1 /	Program increase - railgun with hypervelocity projectile						(31,000)		
		FFRDC Reductions (Section 8024)						(-465)		
Subtotal Budget Activity 03: Advanced Technology Development				750,995				100,715		851,710

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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 and Prototypes								
04 0603207N Air/Ocean Tactical Applications		29,747						29,747
FY 2019 Appropriated Base		29,747						
04 0603216N Aviation Survivability		7,050						7,050
FY 2019 Appropriated Base		7,050						
04 0603251N Aircraft Systems		793						793
FY 2019 Appropriated Base		793						
04 0603254N ASW Systems Development		7,058				-14		7,044
FY 2019 Appropriated Base		7,058						
FFRDC Reductions (Section 8024)						(-14)		
04 0603261N Tactical Airborne Reconnaissance		3,540						3,540
FY 2019 Appropriated Base		3,540						
04 0603382N Advanced Combat Systems Technology		59,741				-20,501		39,240
FY 2019 Appropriated Base		59,741						
2 / Project 3423 (LOCUST) assessment and refinement early to need						(-1,500)		
2 / Project 3424 (Heterogeneous Collaborative Unmanned Systems (HCUS)) unjustified request						(-6,896)		
2 / Project 3437 (EMW/SEWIP/SSEE Accelerator) limit to two shipsets						(-7,195)		
2 / Project 3438 (Innovative Naval Prototype (INP) Transition (6.4)) unjustified aerial lift request						(-2,000)		
2 / Project 3422 (SHARC Surface Platform) unjustified growth						(-2,910)		
04 0603502N Surface and Shallow Water Mine Countermeasures		62,727				57,621		120,348
FY 2019 Appropriated Base		62,727						
1 / Program increase - medium displacement unmanned surface vehicle						(42,000)		
1 / Program increase - Navy identified MCM USV requirement						(14,100)		
1 / Program increase - Navy identified UISS requirement						(4,000)		
2 / Barracuda schedule delays						(-1,997)		
FFRDC Reductions (Section 8024)						(-482)		
04 0603506N Surface Ship Torpedo Defense		8,570				-1,470		7,100
FY 2019 Appropriated Base		8,570						
2 / Program management excess to need						(-1,470)		
04 0603512N Carrier Systems Development		5,440						5,440
FY 2019 Appropriated Base		5,440						
04 0603525N PILOT FISH		162,222				-25,689		136,533
FY 2019 Appropriated Base		162,222						
2 / Program adjustment						(-23,500)		
FFRDC Reductions (Section 8024)						(-2,189)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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	0603527N	RETRACT LARCH FY 2019 Appropriated Base FY 2019 OCO (Title IX)		29,745 11,745 18,000						29,745
04	0603536N	RETRACT JUNIPER FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		114,265 114,265				-586 (-586)		113,679
04	0603542N	Radiological Control FY 2019 Appropriated Base		740 740						740
04	0603553N	Surface ASW FY 2019 Appropriated Base		1,122 1,122						1,122
04	0603561N	Advanced Submarine System Development FY 2019 Appropriated Base 1 / Program increase - lightweight composite research 1 / Program increase - littoral water threats 2 / Advanced processing build previously funded 2 / Project 2096 (Payload Delivery Development) excess growth 2 / Project 2096 (Payload Delivery Development) - SL-UKAS program termination FFRDC Reductions (Section 8024)		109,086 109,086				-3,277 (5,000) (5,000) (-1,220) (-6,900) (-5,087) (-70)		105,809
04	0603562N	Submarine Tactical Warfare Systems FY 2019 Appropriated Base 1 / Program increase - advanced submarine electronic warfare systems		9,374 9,374				3,000 (3,000)		12,374
04	0603563N	Ship Concept Advanced Design FY 2019 Appropriated Base 2 / Future surface combatant studies excess growth		89,419 89,419				-14,816 (-14,816)		74,603
04	0603564N	Ship Preliminary Design & Feasibility Studies FY 2019 Appropriated Base		13,348 13,348						13,348
04	0603570N	Advanced Nuclear Power Systems FY 2019 Appropriated Base		256,137 256,137						256,137
04	0603573N	Advanced Surface Machinery Systems FY 2019 Appropriated Base 1 / Program increases - silicon carbide power modules		22,109 22,109				5,000 (5,000)		27,109
04	0603576N	CHALK EAGLE FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		29,744 29,744				-391 (-391)		29,353
04	0603581N	Littoral Combat Ship (LCS) FY 2019 Appropriated Base 1 / Program increase - LCS training courseware		27,997 27,997				10,000 (10,000)		37,997
04	0603582N	Combat System Integration FY 2019 Appropriated Base		16,351 16,351						16,351

Base for Reprogramming Actions

(Dollars in Thousands)

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04	0603595N	Ohio Replacement FY 2019 Appropriated Base		514,846 514,846				28,000		542,846
		1 / Program increase - advanced materials propeller program						(15,000)		
		1 / Program increase - Naval propulsion foundry center facility power upgrades						(13,000)		
04	0603596N	LCS Mission Modules FY 2019 Appropriated Base		103,633 103,633				-74		103,559
		FFRDC Reductions (Section 8024)						(-74)		
04	0603597N	Automated Test and Analysis FY 2019 Appropriated Base		7,931 7,931				30,000		37,931
		1 / Program increase						(30,000)		
04	0603599N	Frigate Development FY 2019 Appropriated Base		134,772 134,772				-1,997		132,775
		2 / Testing and engineering delays						(-1,997)		
04	0603609N	Conventional Munitions FY 2019 Appropriated Base		9,307 9,307						9,307
04	0603635M	Marine Corps Ground Combat/Support System FY 2019 Appropriated Base		1,828 1,828				-1,828		
		2 / Unjustified request						(-1,828)		
04	0603654N	Joint Service Explosive Ordnance Development FY 2019 Appropriated Base		57,048 43,148				4,709		61,757
		1 / Program increase - breathing apparatus for EOD divers						(5,000)		
		FFRDC Reductions (Section 8024)						(-291)		
		FY 2019 OCO (Title IX)		13,900						
04	0603713N	Ocean Engineering Technology Development FY 2019 Appropriated Base		5,915 5,915						5,915
04	0603721N	Environmental Protection FY 2019 Appropriated Base		19,811 19,811						19,811
04	0603724N	Navy Energy Program FY 2019 Appropriated Base		25,656 25,656				7,000		32,656
		1 / Program increase - marine hydrokinetic energy						(7,000)		
04	0603725N	Facilities Improvement FY 2019 Appropriated Base		5,301 5,301						5,301
04	0603734N	CHALK CORAL FY 2019 Appropriated Base		267,985 267,985				-508		267,477
		FFRDC Reductions (Section 8024)						(-508)		
04	0603739N	Navy Logistic Productivity FY 2019 Appropriated Base		4,059 4,059				-1,146		2,913
		2 / Logistics research and development unclear budget justification						(-1,146)		

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04	0603746N	RETRACT MAPLE FY 2019 Appropriated Base		377,878 377,878				-59,000		318,878
	2 /	Program adjustment						(-59,000)		
04	0603748N	LINK PLUMERIA FY 2019 Appropriated Base		381,770 381,770				-502		381,268
		FFRDC Reductions (Section 8024)						(-502)		
04	0603751N	RETRACT ELM FY 2019 Appropriated Base		60,535 60,535				-2,343		58,192
		FFRDC Reductions (Section 8024)						(-2,343)		
04	0603790N	NATO Research and Development FY 2019 Appropriated Base		9,652 9,652						9,652
04	0603795N	Land Attack Technology FY 2019 Appropriated Base		16,929 15,529				-9,829		7,100
	1 /	Program increase - guided projectile						(5,000)		
	2 /	Project 3401 (Guided Projectile) lack of program funding						(-14,829)		
		FY 2019 OCO (Title IX)		1,400						
04	0603851M	Joint Non-Lethal Weapons Testing FY 2019 Appropriated Base		27,581 27,581						27,581
04	0603860N	Joint Precision Approach and Landing Systems - Dem/Val FY 2019 Appropriated Base		101,566 101,566						101,566
04	0603925N	Directed Energy and Electric Weapon Systems FY 2019 Appropriated Base		223,344 223,344				-80,530		142,814
	1 /	SNLWS program rephasing						(15,900)		
	1 /	Program increase - electromagnetic railgun						(10,000)		
	2 /	Project 3402 (Surface Navy Laser Weapon System (SNLWS)) additional prototypes						(-106,430)		
04	0604014N	F/A -18 Infrared Search and Track (IRST) FY 2019 Appropriated Base		108,700 108,700				-11		108,689
		FFRDC Reductions (Section 8024)						(-11)		
04	0604027N	Digital Warfare Office FY 2019 Appropriated Base		26,691 26,691				-6,691		20,000
	2 /	Unjustified growth						(-6,691)		
04	0604028N	Small and Medium Unmanned Undersea Vehicles FY 2019 Appropriated Base		16,717 16,717						16,717

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04	0604029N	Unmanned Undersea Vehicle Core Technologies FY 2019 Appropriated Base		30,187 30,187				-2,704		27,483
	2 /	Project 3393 (Adv Undersea Prototyping-Remote Command & Control) unjustified growth						(-330)		
	2 /	Project 3395 (Adv Undersea Prototyping-Explosive Payloads) concurrency						(-635)		
	2 /	Program 3396 (Adv Undersea Prototyping-Non Lethal Payloads) concurrency						(-1,658)		
		FFRDC Reductions (Section 8024)						(-81)		
04	0604030N	Rapid Prototyping, Experimentation and Demonstration FY 2019 Appropriated Base		48,796 48,796				-20,200		28,596
	2 /	RPED initiatives unjustified request						(-20,200)		
04	0604031N	Large Unmanned Undersea Vehicles FY 2019 Appropriated Base		92,613 92,613				-32,309		60,304
	2 /	Change in acquisition strategy to accelerate delta design						(-7,200)		
		Updated acquisition strategy - transfer to line 94 (BA04 / 0604536N / Advanced Undersea Prototyping)						(-25,000)		
		FFRDC Reductions (Section 8024)						(-109)		
04	0604112N	Gerald R. Ford Class Nuclear Aircraft Carrier (CVN 78 - 80) FY 2019 Appropriated Base		58,121 58,121				25,000		83,121
		CVN 78 full ship shock trail - transfer from SCN line 2 (BA02 / Carrier Replacement Program)						(25,000)		
04	0604126N	Littoral Airborne MCM FY 2019 Appropriated Base		17,622 17,622				-2,997		14,625
	2 /	Excess growth						(-2,997)		
04	0604127N	Surface Mine Countermeasures FY 2019 Appropriated Base		18,154 18,154				-2,627		15,527
	2 /	Excess growth						(-2,627)		
04	0604272N	Tactical Air Directional Infrared Countermeasures (TADIRCM) FY 2019 Appropriated Base		47,278 47,278						47,278
04	0604289M	Next Generation Logistics FY 2019 Appropriated Base		11,081 11,081				-5,008		6,073
	2 /	Project 2743 (Next Generation Logistics (NexLog)) program termination						(-4,946)		
		FFRDC Reductions (Section 8024)						(-62)		
04	0604320M	Rapid Technology Capability Prototype FY 2019 Appropriated Base		7,107 7,107						7,107
04	0604454N	LX (R) FY 2019 Appropriated Base		5,549 5,549						5,549

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04	0604536N	Advanced Undersea Prototyping FY 2019 Appropriated Base		87,669				25,000		112,669
		Updated acquisition strategy - transfer from line 83 (BA04 / 0604031N / Large Unmanned Undersea Vehicles)		87,669				(25,000)		
04	0604659N	Precision Strike Weapons Development Program FY 2019 Appropriated Base		132,818				-40,985		91,833
		2 / Conventional prompt global strike EMD early to need		132,818				(-3,750)		
		2 / Miniature air launched decoy schedule delays						(-24,335)		
		2 / Project 3378 (Next Generation Land Attack Weapon (NGLAW)) schedule delays						(-12,900)		
04	0604707N	Space and Electronic Warfare (SEW) Architecture/Engineering Support FY 2019 Appropriated Base		7,230						7,230
				7,230						
04	0604786N	Offensive Anti-Surface Warfare Weapon Development FY 2019 Appropriated Base		143,062				-3,801		139,261
		2 / Support costs excess growth		143,062				(-3,801)		
		Additional capabilities - transfer to fully fund operational test requirements for additional capabilities						(-20,000)		
		Operational test requirements for additional capabilities - transfer from additional capabilities						(20,000)		
04	0303354N	ASW Systems Development - MIP FY 2019 Appropriated Base		8,889						8,889
				8,889						
04	0304240M	Advanced Tactical Unmanned Aircraft System FY 2019 Appropriated Base		25,291				-7,730		17,561
		2 / Project 3135 (USMC MUX Medium Altitude - Long Endurance (MALE) Group 5 UAV) concurrency		25,291				(-7,730)		
04	0304240N	Advanced Tactical Unmanned Aircraft System FY 2019 Appropriated Base		9,300						9,300
				9,300						
04	0304270N	Electronic Warfare Development - MIP FY 2019 Appropriated Base		466						466
				466						
Subtotal Budget Activity 04: Advanced Component Development and Prototypes				4,327,013				-154,234		4,172,779

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Budget Activity 05: System Development and Demonstration								
05 0603208N Training System Aircraft		12,798						12,798
FY 2019 Appropriated Base		12,798						
05 0604212N Other Helo Development		32,128				-8,549		23,579
FY 2019 Appropriated Base		32,128						
2 / APR-39D(V)2 delayed new start						(-4,560)		
2 / Future vertical lift delayed new start						(-3,989)		
05 0604214M AV-8B Aircraft - Eng Dev		46,363						46,363
FY 2019 Appropriated Base		46,363						
05 0604215N Standards Development		3,771						3,771
FY 2019 Appropriated Base		3,771						
05 0604216N Multi-Mission Helicopter Upgrade Development		16,611						16,611
FY 2019 Appropriated Base		16,611						
05 0604218N Air/Ocean Equipment Engineering		17,368				-1,786		15,582
FY 2019 Appropriated Base		17,368						
2 / Naval integrated tactical environmental system next generation unjustified request						(-1,786)		
05 0604221N P-3 Modernization Program		2,134						2,134
FY 2019 Appropriated Base		2,134						
05 0604230N Warfare Support System		9,729						9,729
FY 2019 Appropriated Base		9,729						
05 0604231N Tactical Command System		57,688				-3,388		54,300
FY 2019 Appropriated Base		57,688						
2 / Naval operations business logistics enterprise delayed new start						(-3,301)		
FFRDC Reductions (Section 8024)						(-87)		
05 0604234N Advanced Hawkeye		223,565				-13,000		210,565
FY 2019 Appropriated Base		223,565						
1 / Program increase - E-2D Hawkeye advanced radar						(12,000)		
2 / E-2D counter electronic attack schedule delays						(-2,777)		
2 / Sensor netting schedule delays						(-2,173)		
2 / Fighter to fighter backlink schedule delays						(-2,947)		
2 / Crypto modernization/frequency remapping schedule delays						(-4,142)		
2 / Excess carryover						(-12,961)		
05 0604245M H-1 Upgrades		58,097				-3,777		54,320
FY 2019 Appropriated Base		58,097						
2 / Unclear budget justification						(-3,777)		
05 0604261N Acoustic Search Sensors		42,485						42,485
FY 2019 Appropriated Base		42,485						

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05	0604262N	V-22A FY 2019 Appropriated Base		143,079 143,079				-7,575		135,504
	2 /	Tech insertion excess to need						(-7,575)		
05	0604264N	Air Crew Systems Development FY 2019 Appropriated Base		20,980 20,980				10,000		30,980
	1 /	Program increase - advance aircrew physiological monitoring						(10,000)		
05	0604269N	EA-18 FY 2019 Appropriated Base		147,419 147,419				95,300		242,719
	1 /	Program increase - EA-18G advanced modes/cognitive electronic warfare acceleration						(95,300)		
05	0604270N	Electronic Warfare Development FY 2019 Appropriated Base		89,824 89,824				-6,200		83,624
	2 /	UAS EW payload program termination						(-6,200)		
05	0604273M	Executive Helo Development FY 2019 Appropriated Base		245,064 245,064						245,064
05	0604274N	Next Generation Jammer (NGJ) FY 2019 Appropriated Base		459,529 459,529				-10,100		449,429
	2 /	Schedule delays						(-10,100)		
05	0604280N	Joint Tactical Radio System - Navy (JTRS-Navy) FY 2019 Appropriated Base		3,272 3,272						3,272
05	0604282N	Next Generation Jammer (NGJ) Increment II FY 2019 Appropriated Base		115,253 115,253				-21,771		93,482
	2 /	Engineering previously funded						(-5,774)		
	2 /	Technology demonstration contracts award delays						(-15,997)		
05	0604307N	Surface Combatant Combat System Engineering FY 2019 Appropriated Base		397,403 397,403				-18,287		379,116
	1 /	Program increase - Aegis force-level interoperability definition and analysis						(10,000)		
	2 /	Far term interoperability improvement plan						(-11,000)		
	2 /	Combat systems test bed build early to need						(-15,709)		
		FFRDC Reductions (Section 8024)						(-1,578)		
05	0604311N	LPD-17 Class Systems Integration FY 2019 Appropriated Base		939 939						939
05	0604329N	Small Diameter Bomb (SDB) FY 2019 Appropriated Base		104,448 104,448				-7,468		96,980
	2 /	Schedule delays						(-7,468)		
05	0604366N	Standard Missile Improvements FY 2019 Appropriated Base		165,881 165,881				25,000		190,881
	1 /	Program increase - SM-6 electronics unit						(25,000)		

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05	0604373N	Airborne MCM FY 2019 Appropriated Base		10,831 10,831				-2,480		8,351
	2 /	Project 4026 (Strat Into Medal, Tactics & Trng Organic Force) schedule delays						(-2,480)		
05	0604378N	Naval Integrated Fire Control - Counter Air Systems Engineering FY 2019 Appropriated Base		33,429 33,429						33,429
05	0604501N	Advanced Above Water Sensors FY 2019 Appropriated Base		35,635 35,635				-1,751		33,884
	2 /	EASR systems engineering previously funded FFRDC Reductions (Section 8024)						(-1,705) (-46)		
05	0604503N	SSN-688 and Trident Modernization FY 2019 Appropriated Base		126,932 126,932						126,932
05	0604504N	Air Control FY 2019 Appropriated Base		62,448 62,448				-950		61,498
	2 /	Virtual warfare center support delayed new start						(-950)		
05	0604512N	Shipboard Aviation Systems FY 2019 Appropriated Base		9,710 9,710				4,000		13,710
	1 /	Program increase - improving aircraft carrier readiness						(4,000)		
05	0604518N	Combat Information Center Conversion FY 2019 Appropriated Base		19,303 19,303				-40		19,263
		FFRDC Reductions (Section 8024)						(-40)		
05	0604522N	Air and Missile Defense Radar (AMDR) System FY 2019 Appropriated Base		27,059 27,059				-51		27,008
		FFRDC Reductions (Section 8024)						(-51)		
05	0604530N	Advanced Arresting Gear (AAG) FY 2019 Appropriated Base		184,106 184,106				-11,933		172,173
	2 /	Training schedule delay						(-11,933)		
05	0604558N	New Design SSN FY 2019 Appropriated Base		148,233 148,233				32,000		180,233
	1 /	Program increase - SBIR technology insertion						(20,000)		
	1 /	Program increase - new design SSN						(12,000)		
05	0604562N	Submarine Tactical Warfare System FY 2019 Appropriated Base		60,824 60,824				19,500		80,324
	1 /	Program increase - submarine launched unmanned aerial system						(4,500)		
	1 /	Program increase - SBIR technology insertion						(10,000)		
	1 /	Program increase - submarine tactical warfare system						(5,000)		

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05	0604567N	Ship Contract Design/ Live Fire T&E FY 2019 Appropriated Base		60,062 60,062				11,000		71,062
	1 /	Program increase - DDG-51 advance degaussing mine protection system retrofit						(5,000)		
	1 /	Program increase - planning to support fiscal year 2021 award of LHA-9						(6,000)		
05	0604574N	Navy Tactical Computer Resources FY 2019 Appropriated Base		4,642 4,642						4,642
05	0604601N	Mine Development FY 2019 Appropriated Base		25,756 25,756				-4,009		21,747
	2 /	Encapsulated effector delayed new start						(-4,009)		
05	0604610N	Lightweight Torpedo Development FY 2019 Appropriated Base		95,147 95,147				-32,000		63,147
	2 /	Project 3418 (Advanced Anti-Submarine Lightweight Torpedo) post-system design and engineering funds early to need						(-32,000)		
05	0604654N	Joint Service Explosive Ordnance Development FY 2019 Appropriated Base		7,107 7,107						7,107
05	0604703N	Personnel, Training, Simulation, and Human Factors FY 2019 Appropriated Base		6,539 6,539						6,539
05	0604727N	Joint Standoff Weapon Systems FY 2019 Appropriated Base		441 441						441
05	0604755N	Ship Self Defense (Detect & Control) FY 2019 Appropriated Base FY 2019 OCO (Title IX)		181,491 180,391 1,100						181,491
05	0604756N	Ship Self Defense (Engage: Hard Kill) FY 2019 Appropriated Base		178,538 178,538				14,706		193,244
	1 /	Program increase - condition based maintenance						(8,000)		
	1 /	Program increase - next generation phalanx						(7,000)		
	1 /	Program increase - Alamo munition system						(10,000)		
	2 /	Transition to production unjustified request						(-10,294)		
05	0604757N	Ship Self Defense (Engage: Soft Kill/EW) FY 2019 Appropriated Base		120,507 120,507				-297		120,210
		FFRDC Reductions (Section 8024)						(-297)		
05	0604761N	Intelligence Engineering FY 2019 Appropriated Base		29,715 29,715				-3,750		25,965
	2 /	Poor justification material						(-3,750)		

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05	0604771N	Medical Development		8,095				30,000		38,095
		FY 2019 Appropriated Base		8,095						
	1 /	Program increase - military dental research						(10,000)		
	1 /	Program increase - wound care research						(15,000)		
	1 /	Program increase - hypoxia research						(5,000)		
05	0604777N	Navigation/ID System		121,026				5,000		126,026
		FY 2019 Appropriated Base		121,026						
	1 /	Program increase - micro-IFF component						(5,000)		
05	0604800M	Joint Strike Fighter (JSF) - EMD		66,566						66,566
		FY 2019 Appropriated Base		66,566						
05	0604800N	Joint Strike Fighter (JSF) - EMD		65,494						65,494
		FY 2019 Appropriated Base		65,494						
05	0605013M	Information Technology Development		14,005				-2,975		11,030
		FY 2019 Appropriated Base		14,005						
	2 /	Manpower operations systems delayed new start						(-2,863)		
		FFRDC Reductions (Section 8024)						(-112)		
05	0605013N	Information Technology Development		268,567				-26,457		242,110
		FY 2019 Appropriated Base		268,567						
	1 /	Program increase - advanced radar condition based maintenance						(10,000)		
	2 /	NMCI enterprise service tools delayed new start						(-2,600)		
	2 /	Electronic procurement system contract award delay						(-7,591)		
	2 /	SUPDESK - timekeeping for all delayed new start						(-1,350)		
	2 /	Local application rationalization delayed new start						(-1,123)		
	2 /	Navy personnel and pay excess growth						(-9,983)		
	2 /	NMMES-TR excess growth						(-11,950)		
	2 /	Dynamic scheduling unjustified request						(-1,200)		
	2 /	Vector unjustified request						(-660)		
05	0605024N	Anti-Tamper Technology Support		5,618						5,618
		FY 2019 Appropriated Base		5,618						
05	0605212M	CH-53K RDTE		326,945				10,000		336,945
		FY 2019 Appropriated Base		326,945						
	1 /	Program increase - common lightweight cargo system						(5,000)		
	1 /	Program increase - wireless intercom system						(5,000)		
05	0605215N	Mission Planning		32,714						32,714
		FY 2019 Appropriated Base		32,714						
05	0605217N	Common Avionics		51,486						51,486
		FY 2019 Appropriated Base		51,486						
05	0605220N	Ship to Shore Connector (SSC)		1,444						1,444
		FY 2019 Appropriated Base		1,444						

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05	0605327N	T-AO 205 Class FY 2019 Appropriated Base		1,298 1,298						1,298
05	0605414N	Unmanned Carrier Aviation (UCA) FY 2019 Appropriated Base		718,942 718,942				-200,000		518,942
		2 / Contract savings						(-200,000)		
05	0605450M	Joint Air-to-Ground Missile (JAGM) FY 2019 Appropriated Base		6,759 6,759				9,800		16,559
		1 / Program increase - Marine Corps joint air-to-ground missile for fixed wing aircraft						(9,800)		
05	0605500N	Multi-mission Maritime Aircraft (MMA) FY 2019 Appropriated Base		37,296 37,296				-3,100		34,196
		2 / Airborne weapons simulator hardware development early to need						(-3,100)		
05	0605504N	Multi-Mission Maritime (MMA) Increment III FY 2019 Appropriated Base		160,389 160,389				3,420		163,809
		1 / Program increase - SBIR technology insertion						(5,000)		
		2 / Program management excess growth						(-1,580)		
05	0605611M	Marine Corps Assault Vehicles System Development & Demonstration FY 2019 Appropriated Base		98,223 98,223				-32,086		66,137
		2 / Management services unjustified request						(-1,700)		
		2 / Program support unjustified request						(-1,700)		
		2 / ACV 1.2 training devices early to need						(-2,286)		
		2 / Project 0026 (Amphibious Combat Vehicle 1.2) excess concurrency						(-26,400)		
05	0605813M	Joint Light Tactical Vehicle (JLTV) System Development & Demonstration FY 2019 Appropriated Base		2,260 2,260				-2,260		
		2 / Excess to need						(-2,260)		
05	0204202N	DDG-1000 FY 2019 Appropriated Base		161,264 161,264				-21,000		140,264
		2 / Testing early to need						(-9,300)		
		2 / Lack of acquisition and test strategies						(-11,700)		
05	0304785N	Tactical Cryptologic Systems FY 2019 Appropriated Base		44,098 44,098				-1,700		42,398
		2 / Spectral previously funded						(-1,700)		
05	0306250M	Cyber Operations Technology Development FY 2019 Appropriated Base		6,808 6,808						6,808
		4 / Cyberspace Activities FY19								
Subtotal Budget Activity 05: System Development and Demonstration				6,043,580				-179,014		5,864,566

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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 0604256N Threat Simulator Development		94,576						94,576
FY 2019 Appropriated Base		94,576						
06 0604258N Target Systems Development		10,981						10,981
FY 2019 Appropriated Base		10,981						
06 0604759N Major T&E Investment		77,014				13,500		90,514
FY 2019 Appropriated Base		77,014						
1 / Program increase - fifth generation radar ground test upgrades						(4,000)		
1 / Program increase - complex electronic warfare test equipment						(3,500)		
1 / Program increase - ground based sense and avoid						(6,000)		
06 0605126N Joint Theater Air and Missile Defense Organization		48						48
FY 2019 Appropriated Base		48						
06 0605152N Studies and Analysis Support - Navy		3,942						3,942
FY 2019 Appropriated Base		3,942						
06 0605154N Center for Naval Analyses		48,797				-6,104		42,693
FY 2019 Appropriated Base		48,797						
FFRDC Reductions (Section 8024)						(-6,104)		
06 0605285N Next Generation Fighter		5,000						5,000
FY 2019 Appropriated Base		5,000						
06 0605804N Technical Information Services		1,029						1,029
FY 2019 Appropriated Base		1,029						
06 0605853N Management, Technical & International Support		87,565				-633		86,932
FY 2019 Appropriated Base		87,565						
FFRDC Reductions (Section 8024)						(-633)		
06 0605856N Strategic Technical Support		4,231						4,231
FY 2019 Appropriated Base		4,231						
06 0605861N RDT&E Science and Technology Management		1,072						1,072
FY 2019 Appropriated Base		1,072						
06 0605863N RDT&E Ship and Aircraft Support		97,471						97,471
FY 2019 Appropriated Base		97,471						
06 0605864N Test and Evaluation Support		373,834						373,834
FY 2019 Appropriated Base		373,834						
06 0605865N Operational Test and Evaluation Capability		21,554						21,554
FY 2019 Appropriated Base		21,554						
06 0605866N Navy Space and Electronic Warfare (SEW) Support		16,227						16,227
FY 2019 Appropriated Base		16,227						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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
06	0605873M	Marine Corps Program Wide Support		24,303				-2,765		21,538
		FY 2019 Appropriated Base		24,303						
	2 /	Studies and analysis previously funded						(-2,705)		
		FFRDC Reductions (Section 8024)						(-60)		
06	0605898N	Management HQ - R&D		43,262				-1,497		41,765
		FY 2019 Appropriated Base		43,262						
	2 /	Insufficient compliance with congressional direction						(-1,497)		
06	0606355N	Warfare Innovation Management		41,918						41,918
		FY 2019 Appropriated Base		41,918						
06	0606942M	Assessments and Evaluations Cyber Vulnerabilities		7,000						7,000
		FY 2019 Appropriated Base		7,000						
06	0606942N	Assessments and Evaluations Cyber Vulnerabilities		48,800						48,800
		FY 2019 Appropriated Base		48,800						
06	0305327N	Insider Threat		1,682						1,682
		FY 2019 Appropriated Base		1,682						
06	0902498N	Management Headquarters (Departmental Support Activities)		1,579						1,579
		FY 2019 Appropriated Base		1,579						
06	1206867N	SEW Surveillance/Reconnaissance Support		8,684						8,684
		FY 2019 Appropriated Base		8,684						
Subtotal Budget Activity 06: Management Support				1,020,569				2,501		1,023,070

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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 System Development								
07 0604227N HARPOON Modifications		5,426				-229		5,197
FY 2019 Appropriated Base		5,426						
2 / Test support early to need						(-229)		
07 0604840M F-35 C2D2		259,122				-25,015		234,107
FY 2019 Appropriated Base		259,122						
2 / ECASE excess growth						(-7,904)		
2 / Developmental foundation excess growth						(-13,726)		
2 / Fixed JPO costs excess growth						(-3,385)		
07 0604840N F-35 C2D2		252,360				-24,362		227,998
FY 2019 Appropriated Base		252,360						
2 / ECASE excess growth						(-7,697)		
2 / Developmental foundation excess growth						(-13,368)		
2 / Fixed JPO costs excess growth						(-3,297)		
07 0607658N Cooperative Engagement Capability (CEC)		130,515				-1,700		128,815
FY 2019 Appropriated Base		130,515						
2 / EASR delayed new start						(-1,700)		
07 0607700N Deployable Joint Command and Control		3,127						3,127
FY 2019 Appropriated Base		3,127						
07 0101221N Strategic Sub & Weapons System Support		157,679				-9,300		148,379
FY 2019 Appropriated Base		157,679						
1 / Program increase - model based systems engineering						(15,000)		
1 / Program increase - autonomous strategic force protection sensor network						(2,700)		
2 / Mk4A shape stable nose tip delayed new start						(-3,000)		
2 / Interoperable warhead unjustified request						(-24,000)		
07 0101224N SSBN Security Technology Program		43,198				-1,239		41,959
FY 2019 Appropriated Base		43,198						
2 / Miscellaneous support unjustified request						(-1,000)		
FFRDC Reductions (Section 8024)						(-239)		
07 0101226N Submarine Acoustic Warfare Development		11,311						11,311
FY 2019 Appropriated Base		11,311						
07 0101402N Navy Strategic Communications		39,313				-652		38,661
FY 2019 Appropriated Base		39,313						
2 / Low band universal communication system schedule delays						(-625)		
FFRDC Reductions (Section 8024)						(-27)		
07 0204136N F/A-18 Squadrons		193,086				11,800		204,886
FY 2019 Appropriated Base		193,086						
1 / Program increase - noise reduction research						(2,000)		
1 / Program increase - Navy joint air-to-ground missile for fixed wing aircraft						(9,800)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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	0204163N	Fleet Telecommunications (Tactical) FY 2019 Appropriated Base		25,014 25,014				-23,670		1,344
	2 /	High frequency over-the-horizon robust communications enterprise termination						(-23,670)		
07	0204228N	Surface Support FY 2019 Appropriated Base		11,661 11,661				-1,953		9,708
	2 /	Project 3311 (Navigation Systems) delayed new start						(-1,953)		
07	0204229N	Tomahawk and Tomahawk Mission Planning Center (TMPC) FY 2019 Appropriated Base		282,395 282,395				-30,000		252,395
	2 /	M-code schedule delay						(-7,253)		
	2 /	Maritime strike concurrency						(-17,070)		
	2 /	JMEWS schedule delay						(-5,677)		
07	0204311N	Integrated Surveillance System FY 2019 Appropriated Base		36,959 36,959				35,000		71,959
	1 /	Program increase - additional TRAPS units						(35,000)		
07	0204313N	Ship-Towed Array Surveillance Systems FY 2019 Appropriated Base		15,454 15,454						15,454
07	0204413N	Amphibious Tactical Support Units (Displacement Craft) FY 2019 Appropriated Base		6,073 6,073						6,073
07	0204460M	Ground/Air Task Oriented Radar (G/ATOR) FY 2019 Appropriated Base		45,029 45,029				-450		44,579
		FFRDC Reductions (Section 8024)						(-450)		
07	0204571N	Consolidated Training Systems Development FY 2019 Appropriated Base		104,903 104,903						104,903
07	0204574N	Cryptologic Direct Support FY 2019 Appropriated Base		4,544 4,544						4,544
07	0204575N	Electronic Warfare (EW) Readiness Support FY 2019 Appropriated Base		66,889 66,889						66,889
07	0205601N	HARM Improvement FY 2019 Appropriated Base		120,762 120,762						120,762
07	0205604N	Tactical Data Links FY 2019 Appropriated Base		104,696 104,696				-15,717		88,979
	2 /	MIDS increment 2 unclear justification						(-15,717)		
07	0205620N	Surface ASW Combat System Integration FY 2019 Appropriated Base		28,421 28,421				-2,100		26,321
	2 /	AN/SQQ-89A(V)15 cyber security architecture upgrade delayed new start						(-2,100)		
07	0205632N	MK-48 ADCAP FY 2019 Appropriated Base		94,155 94,155				-25,900		68,255
	2 /	TI-1 phasing contract delays						(-25,900)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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	0205633N	Aviation Improvements FY 2019 Appropriated Base		121,805 121,805				13,018		134,823
	1 /	Program increase - F/A-18 E/F and EA-18G engine enhancements						(15,000)		
	2 /	EO3 technology development delayed new start						(-1,982)		
07	0205675N	Operational Nuclear Power Systems FY 2019 Appropriated Base		117,028 117,028						117,028
07	0206313M	Marine Corps Communications Systems FY 2019 Appropriated Base		190,909 174,779				-2,096		188,813
	2 /	Information related capabilities delayed new start						(-1,528)		
		FFRDC Reductions (Section 8024)						(-568)		
		FY 2019 OCO (Title IX)		16,130						
07	0206335M	Common Aviation Command and Control System (CAC2S) FY 2019 Appropriated Base		4,826 4,826				-66		4,760
		FFRDC Reductions (Section 8024)						(-66)		
07	0206623M	Marine Corps Ground Combat/Supporting Arms Systems FY 2019 Appropriated Base		97,152 97,152				3,698		100,850
	1 /	Program increase - advanced lightweight polymer cased 7.62mm ammunition						(8,000)		
	2 /	Force on force training systems schedule delays						(-2,268)		
	2 /	Aerial delivery and autonomous distribution entry excess to need						(-1,849)		
		FFRDC Reductions (Section 8024)						(-185)		
07	0206624M	Marine Corps Combat Services Support FY 2019 Appropriated Base		30,156 30,156				-251		29,905
		FFRDC Reductions (Section 8024)						(-251)		
07	0206625M	USMC Intelligence/Electronic Warfare Systems (MIP) FY 2019 Appropriated Base		39,976 39,976				-2,155		37,821
	2 /	SIGINT collection system product development previously funded						(-2,155)		
07	0206629M	Amphibious Assault Vehicle FY 2019 Appropriated Base		22,637 22,637				-1,947		20,690
	2 /	Program management excess to need						(-1,947)		
07	0207161N	Tactical AIM Missiles FY 2019 Appropriated Base		40,121 40,121						40,121
07	0207163N	Advanced Medium Range Air-to-Air Missile (AMRAAM) FY 2019 Appropriated Base		32,473 32,473				-4,238		28,235
	2 /	Test delays						(-1,371)		
	2 /	System improvement program efforts schedule delay						(-2,867)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)**2019**

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	0303138N	Consolidated Afloat Network Enterprise Services (CANES)		23,697						23,697
		FY 2019 Appropriated Base		23,697						
07	0303140N	Information Systems Security Program		44,228						44,228
		FY 2019 Appropriated Base		44,228						
	4 /	Cyberspace Activities FY19								
07	0305192N	Military Intelligence Program (MIP) Activities		6,081						6,081
		FY 2019 Appropriated Base		6,081						
07	0305204N	Tactical Unmanned Aerial Vehicles		8,529						8,529
		FY 2019 Appropriated Base		8,529						
07	0305205N	UAS Integration and Interoperability		41,212				-16,549		24,663
		FY 2019 Appropriated Base		41,212						
	2 /	Increment II schedule re-phase						(-16,549)		
07	0305208M	Distributed Common Ground/Surface Systems		7,687				-77		7,610
		FY 2019 Appropriated Base		7,687						
		FFRDC Reductions (Section 8024)						(-77)		
07	0305208N	Distributed Common Ground/Surface Systems		42,846						42,846
		FY 2019 Appropriated Base		42,846						
07	0305220N	MQ-4C Triton		14,395						14,395
		FY 2019 Appropriated Base		14,395						
07	0305231N	MQ-8 UAV		9,843				14,300		24,143
		FY 2019 Appropriated Base		9,843						
	1 /	Program increase - radar integration						(5,500)		
	1 /	Program increase - weapons capability integration						(8,800)		
07	0305232M	RQ-11 UAV		524						524
		FY 2019 Appropriated Base		524						
07	0305234N	Small (Level 0) Tactical UAS (STUASLO)		5,360				-95		5,265
		FY 2019 Appropriated Base		5,360						
		FFRDC Reductions (Section 8024)						(-95)		
07	0305239M	RQ-21A		10,914				-4,914		6,000
		FY 2019 Appropriated Base		10,914						
	2 /	Excess to need						(-4,914)		
07	0305241N	Multi-Intelligence Sensor Development		81,231						81,231
		FY 2019 Appropriated Base		81,231						
07	0305242M	Unmanned Aerial Systems (UAS) Payloads (MIP)		5,956						5,956
		FY 2019 Appropriated Base		5,956						
07	0305421N	RQ-4 Modernization		219,894				-491		219,403
		FY 2019 Appropriated Base		219,894						
		FFRDC Reductions (Section 8024)						(-491)		
07	0308601N	Modeling and Simulation Support		7,097						7,097
		FY 2019 Appropriated Base		7,097						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Research, Development, Test, and Evaluation, Navy , 2019/2020 (1319N)	Fiscal Year Program: 2019
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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
07 0702207N Depot Maintenance (Non-IF)		36,560				10,000		46,560
FY 2019 Appropriated Base		36,560						
1 / Program increase - MH-60 SLAP						(10,000)		
07 0708730N Maritime Technology (MARITECH)		7,284				20,000		27,284
FY 2019 Appropriated Base		7,284						
1 / Program increase - advanced additive technologies for sustainment of Navy assets						(20,000)		
07 1203109N Satellite Communications (SPACE)		39,174				-5,000		34,174
FY 2019 Appropriated Base		39,174						
2 / Management services excess growth						(-5,000)		
07 XXXXXXXXXN Classified Programs		1,666,785				121,000		1,787,785
FY 2019 Appropriated Base		1,549,503						
1 / Classified adjustment						(121,000)		
FY 2019 OCO (Title IX)		117,282						
Subtotal Budget Activity 07: Operational System Development		5,018,472				28,650		5,047,122
Grand Total Research, Development, Test, and Evaluation, Navy, 2019/2020		18,649,478				8,336		18,657,814
Financing								
APPROPRIATION, P.L. 115-245 (Base)		18,481,666				28,898		18,510,564
APPROPRIATION, P.L. 115-245 (OCO)		167,812						167,812
FFRDC Reductions (Section 8024)						-20,562		
Subtotal General Provision Reductions								-20,562
TOTAL FINANCING - FY 2019 PROGRAM		18,649,478				8,336		18,657,814

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 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.

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:

Military Personnel, Air Force, 2019/2019 (3500F)**2019**

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		9,823,911				-50,500		9,773,411
FY 2019 Appropriated Base		9,625,978						
2 / Blended retirement overestimation						(-43,500)		
Excess growth for incentive pays						(-5,000)		
Historical underexecution for special pays						(-2,000)		
FY 2019 OCO (Title IX)		197,933						
Subtotal Budget Activity 01: Pay and Allowances of Officers		9,823,911				-50,500		9,773,411
Budget Activity 02: Pay and Allowances of Enlisted		18,956,375				-293,420		18,662,955
FY 2019 Appropriated Base		18,357,239						
2 / Blended retirement overestimation						(-164,500)		
Undistributed - historical unobligated balances						(-45,220)		
Undistributed - rate adjustments						(-20,000)		
Undistributed - revised estimate						(-87,000)		
1 / Transfer from OM,AF SAG 11C for transition to OCP uniform						(23,300)		
FY 2019 OCO (Title IX)		599,136						
Subtotal Budget Activity 02: Pay and Allowances of Enlisted		18,956,375				-293,420		18,662,955
Budget Activity 03: Pay and Allowances of Cadets		79,454						79,454
FY 2019 Appropriated Base		79,454						
Subtotal Budget Activity 03: Pay and Allowances of Cadets		79,454						79,454
Budget Activity 04: Subsistence of Enlisted Personnel		1,302,125						1,302,125
FY 2019 Appropriated Base		1,151,061						
FY 2019 OCO (Title IX)		151,064						
Subtotal Budget Activity 04: Subsistence of Enlisted Personnel		1,302,125						1,302,125
Budget Activity 05: Permanent Change of Station Travel		1,201,276				-105,380		1,095,896
FY 2019 Appropriated Base		1,201,276						
Undistributed - historical unobligated balances						(-99,380)		
Undistributed - rate adjustments						(-6,000)		
Subtotal Budget Activity 05: Permanent Change of Station Travel		1,201,276				-105,380		1,095,896

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Military Personnel, Air Force, 2019/2019 (3500F)						Fiscal Year Program: 2019		
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 06: Other Military Personnel Costs		127,378				-2,020		125,358
FY 2019 Appropriated Base		111,003						
Undistributed - historical unobligated balances						(-2,400)		
1 / Program increase for Junior ROTC						(380)		
FY 2019 OCO (Title IX)		16,375						
Subtotal Budget Activity 06: Other Military Personnel Costs		127,378				-2,020		125,358
Grand Total Military Personnel, Air Force, 2019/2019		31,490,519				-451,320		31,039,199
Financing								
APPROPRIATION, P.L. 115-245 (Base)		30,526,011				-451,320		30,074,691
APPROPRIATION, P.L. 115-245 (OCO)		964,508						964,508
TOTAL FINANCING - FY 2019 PROGRAM		31,490,519				-451,320		31,039,199
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 Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Reserve Personnel, Air Force, 2019/2019 (3700F)						Fiscal Year Program: 2019		
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		1,915,362				-33,880		1,881,482
FY 2019 Appropriated Base		1,894,286						
2 / Blended retirement overestimation						(-1,000)		
Undistributed - historical unobligated balances						(-20,880)		
Undistributed - rate adjustments						(-1,000)		
Undistributed - revised estimate						(-11,000)		
FY 2019 OCO (Title IX)		21,076						
Subtotal Budget Activity 01: Reserve Component Training and Support		1,915,362				-33,880		1,881,482
Grand Total Reserve Personnel, Air Force, 2019/2019		1,915,362				-33,880		1,881,482
Financing								
APPROPRIATION, P.L. 115-245 (Base)		1,894,286				-33,880		1,860,406
APPROPRIATION, P.L. 115-245 (OCO)		21,076						21,076
TOTAL FINANCING - FY 2019 PROGRAM		1,915,362				-33,880		1,881,482
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 Military Personnel, the Below Threshold Reprogramming limitation is \$10 million.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: National Guard Personnel, Air Force, 2019/2019 (3850F)	Fiscal Year Program: 2019
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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
Budget Activity 01: Reserve Component Training and Support		3,730,840				-26,300		3,704,540
FY 2019 Appropriated Base		3,725,380						
1 / Program increase - State Partnership Program						(3,600)		
1 / Trauma Training						(1,800)		
1 / Wildfire Training						(500)		
2 / Blended retirement overestimation						(-17,000)		
Undistributed - historical unobligated balances						(-13,200)		
Undistributed - rate adjustments						(-2,000)		
FY 2019 OCO (Title IX)		5,460						
Subtotal Budget Activity 01: Reserve Component Training and Support		3,730,840				-26,300		3,704,540
Grand Total National Guard Personnel, Air Force, 2019/2019		3,730,840				-26,300		3,704,540
Financing								
APPROPRIATION, P.L. 115-245 (Base)		3,725,380				-26,300		3,699,080
APPROPRIATION, P.L. 115-245 (OCO)		5,460						5,460
TOTAL FINANCING - FY 2019 PROGRAM		3,730,840				-26,300		3,704,540

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 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, 2019/2019 (3400F)

2019

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		41,206,167				-666,062		40,540,105
FY 2019 Appropriated Base		33,797,280						
1 / Program increase - energy resiliency studies						(3,000)		
1 / Program increase - restoration of U-2						(38,000)		
1 / Program increase - training ranges upgrades to support F-35A beddown						(17,400)		
1 / Program increase -civil engineers equipment						(5,000)		
1 / Public Law 115-68 Implementation at Combatant Commands						(1,000)		
Air Force requested transfer to SAG 42B, Service wide Communications from SAG 012D, Cyberspace Activities						(-66,000)		
Excess growth - Contractor Logistics Support and System Support						(-130,892)		
Undistributed - Historical Unobligation						(-170,705)		
Insufficient justification - Primary Combat Forces						(-35,500)		
Undistributed - Overestimation of Civilian FTE Targets						(-40,000)		
Programming error - BACN including transfer to O&M and MILPERS for OCP uniform						(-282,000)		
Transfer to SAG 11Z, Base Support for transition to OCP uniform from SAG 11C, Combat Enhancement Forces						(35,900)		
Transfer to title IX - SAG 011M, Depot Purchase Equipment Maintenance and SAG 011Y, Flying Hour Program						(-600,000)		
Unjustified growth - Air Operations Training						(-45,000)		
Unjustified growth - Depot Purchase Equipment Maintenance						(-17,000)		
Unjustified growth - Flying Hour Program						(-160,000)		
Unjustified growth - Base Support						(-14,000)		
FFRDC (Section 8024)						(-5,397)		
Fuel Increase (Section 8118)						(206,324)		
3 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 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.								
FY 2019 OCO (Title IX)		7,408,887						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:							Fiscal Year Program:	
Operation and Maintenance, Air Force, 2019/2019 (3400F)							2019	
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
2 / Unjustified growth - Base Support Air Force requested transfer of CENTCOM OSC-I costs to SAG 015F, Mission Operations - CENTCOM from SAG 042G, Other Service wide Activities Transfer from title II - SAG 011M, Depot Purchase Equipment Maintenance and SAG 011Y, Flying Hour Program Undistributed Appropriation OCO						(-30,000) (45,500) (600,000) (-21,692)		
Subtotal Budget Activity 01: Operating Forces		41,206,167				-666,062		40,540,105
Budget Activity 02: Mobilization		2,846,835				-127,621		2,719,214
FY 2019 Appropriated Base Undistributed - Historical Unobligation Program decrease not properly accounted - Airlift Operations Unjustified growth - Airlift Operations FFRDC (Section 8024) Fuel Increase (Section 8118) FY 2019 OCO (Title IX)		1,452,112 1,394,723				(-186) (-65,000) (-102,392) (-43) (40,000)		
Subtotal Budget Activity 02: Mobilization		2,846,835				-127,621		2,719,214
Budget Activity 03: Training and Recruiting		2,207,544				-7,419		2,200,125
FY 2019 Appropriated Base 1 / Program increase - Junior ROTC 2 / Excess growth - Civilian Education and Training FFRDC (Section 8024) Undistributed - Historical Unobligation Program decrease not properly accounted - Off-Duty and Voluntary Education FFRDC (Section 8024) Fuel Increase (Section 8118) FY 2019 OCO (Title IX)		2,178,214 29,330				(1,000) (-6,873) (-894) (-5,436) (-5,000) (-216) (10,000)		
Subtotal Budget Activity 03: Training and Recruiting		2,207,544				-7,419		2,200,125

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Air Force, 2019/2019 (3400F)

2019

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: Administration and Service wide Activities		5,085,811				-63,781		5,022,030
FY 2019 Appropriated Base		4,632,962						
1 / Program increase - Civil Air Patrol Corporation						(4,006)		
1 / Program increase - prevention of child abuse and training on safe childcare practices						(1,000)		
2 / Classified adjustment						(-5,500)		
2 / FFRDC (Section 8024)						(-205)		
2 / Unjustified growth - security clearance investigations						(-40,000)		
Air Force requested transfer to SAG 42B, Service wide Communications from SAG 012D, Cyberspace Activities						(66,000)		
Excess growth - Administration						(-25,000)		
FFRDC (Section 8024)						(-5,953)		
Undistributed - Historical Unobligation						(-17,206)		
Unjustified growth Administration						(-20,000)		
Fuel Increase (Section 8118)						(30,000)		
FY 2019 OCO (Title IX)		452,849						
Air Force requested transfer of CENTCOM OSC-I costs to SAG 15F, Mission Operations - USCENTCOM from SAG 042G. Other Service wide Activities						(-45,500)		
Undistributed Appropriation OCO						(-5,423)		
Subtotal Budget Activity 04: Administration and Service wide Activities		5,085,811				-63,781		5,022,030
Grand Total Operation and Maintenance, Air Force, 2019/2019		51,346,357				-864,883		50,481,474
Financing								
APPROPRIATION, P.L. 115-245 (Base)		42,060,568				-1,688,436		40,372,132
APPROPRIATION, P.L. 115-245 (OCO)		9,285,789				542,885		9,828,674
Fuel Increase (Section 8118)						286,324		286,324
FFRDC Reductions (Section 8024)						-5,656		-5,656
Subtotal General Provisions								280,668
TOTAL FINANCING - FY 2019 PROGRAM		51,346,357				-864,883		50,481,474

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Operation and Maintenance, Air Force, 2019/2019 (3400F)	Fiscal Year Program: 2019
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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	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i

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 / The following line items have been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 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>4 / Operation and Maintenance, Air Force funding was specifically provided "only for" the cyberspace activities program. These cyberspace activities are defined by the program, project, or activity (PPAs) that comprise the classified cyberspace activities information technology investment budget request for FY 2019 . Congressional prior approval reprogramming is required for all transfers or realignments of these funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" programs that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.</p> <p>For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.</p>
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Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Operation and Maintenance, Air Force Reserve, 2019/2019 (3740F)						Fiscal Year Program: 2019		
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								
FY 2019 Appropriated Base		3,212,779				-33,496		3,179,283
Undistributed - Decrease Unaccounted for		3,152,279				(-8,500)		
Program increase not properly accounted - Contractor						(-9,000)		
Logistics Support and System Support								
Projected under execution - Primary Combat Forces						(-50,000)		
Fuel Increase (Section 8118)						(34,004)		
1 / The Primary Combat Forces line item has been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million out of this line for Title II funds.								
FY 2019 OCO (Title IX)		60,500						
Subtotal Budget Activity 01: Operating Forces		3,212,779				-33,496		3,179,283
Budget Activity 04: Administration and Service wide Activities								
FY 2019 Appropriated Base		107,955				-1,000		106,955
Fiscal year 2018 decrease not properly accounted - Recruiting and Advertising		107,955				(-1,000)		
Subtotal Budget Activity 04: Administration and Service wide Activities		107,955				-1,000		106,955
Grand Total Operation and Maintenance, Air Force Reserve, 2019/2019		3,320,734				-34,496		3,286,238
Financing								
APPROPRIATION, P.L. 115-245 (Base)		3,260,234				-68,500		3,191,734
APPROPRIATION, P.L. 115-245 (OCO)		60,500						60,500
Fuel Increase (Section 8118)						34,004		
Subtotal General Provision Additions								34,004
TOTAL FINANCING - FY 2019 PROGRAM		3,320,734				-34,496		3,286,238
Footnotes: 1 / The Primary Combat Forces line item has been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million out of this line for Title II funds. For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Air National Guard, 2019/2019 (3840F)

2019

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		6,361,246				41,817		6,403,063
FY 2019 Appropriated Base		6,345,376						
1 / Buyback Three PMAI JSTARS Aircraft						(61,000)		
1 / Program increase - Air National Guard preventative mental health program						(4,000)		
1 / Program increase - Air National Guard readiness ranges						(9,000)		
1 / Program increase - KC-46A emergent requirements						(5,500)		
1 / Program increase - State Partnership Program						(675)		
1 / Program increase - advanced trauma training program						(1,800)		
1 / Program increase - cold weather aviation systems						(5,300)		
1 / Program increase - disaster relief mobile kitchen trailers						(7,800)		
Air National Guard-requested transfer for environmental projects from Environmental Restoration, Air Force account						(11,000)		
Undistributed - Decrease Not Properly Accounted						(-18,000)		
Program decrease not properly accounted - Mission Support Operations						(-15,000)		
Projected under execution - Aircraft Operations						(-80,000)		
Fuel Increase (Section 8118)						(48,742)		
2 / The Aircraft Operations line item has been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million out of this line for Title II funds.								
FY 2019 OCO (Title IX)		15,870						
Subtotal Budget Activity 01: Operating Forces		6,361,246				41,817		6,403,063
Budget Activity 04: Administration and Service wide Activities		82,246						82,246
FY 2019 Appropriated Base		82,246						
Subtotal Budget Activity 04: Administration and Service wide Activities		82,246						82,246
Grand Total Operation and Maintenance, Air National Guard, 2019/2019		6,443,492				41,817		6,485,309
Financing								
APPROPRIATION, P.L. 115-245 (Base)		6,427,622				-6,925		6,420,697
APPROPRIATION, P.L. 115-245 (OCO)		15,870						15,870
Fuel Increase (Section 8118)						48,742		
Subtotal General Provision Additions								48,742
TOTAL FINANCING - FY 2019 PROGRAM		6,443,492				41,817		6,485,309

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Operation and Maintenance, Air National Guard, 2019/2019 (3840F)	Fiscal Year Program: 2019
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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	
a	Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i

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 / The Aircraft Operations line item has been identified in the Explanatory Statement as requiring a prior approval reprogramming for transfers in excess of \$15 million out of this line for Title II funds.</p> <p>For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.</p>
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Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Environmental Restoration, Air Force, 2019/XXXX (0810FX)**2019**

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: Department of the Air Force		296,808				69,000		365,808
FY 2019 Appropriated Base		296,808						
1 / Remediating contamination caused by perfluorinated chemicals						(80,000)		
Transfer to Operation and Maintenance, Air National Guard for execution						(-11,000)		
Subtotal Budget Activity 03: Department of the Air Force		296,808				69,000		365,808
Grand Total Environmental Restoration, Air Force, 2019/XXXX		296,808				69,000		365,808
Financing								
APPROPRIATION, P.L. 115-245 (Base)		296,808				69,000		365,808
TOTAL FINANCING - FY 2019 PROGRAM		296,808				69,000		365,808

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:						Fiscal Year Program:			
Aircraft Procurement, Air Force, 2019/2021 (3010F)						2019			
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: Combat Aircraft									
01	F-35	48	4,261,021			8	600,000	56	4,861,021
	FY 2019 Appropriated Base	48	4,261,021						
	1 / Program increase - eight aircraft					(8)	(740,000)		
	2 / Unit cost savings						(-140,000)		
01	F-35 Advance Procurement (CY)		406,000						406,000
	FY 2019 Appropriated Base		406,000						
01	C-135B	2	222,176			-1	-97,176	1	125,000
	FY 2019 Appropriated Base	2	222,176						
	2 / Second aircraft ahead of need					(-1)	(-75,802)		
	OC-135 recap integration and risk reduction - transfer to RDTE,AF line 260 (BA 07, PE 030705145F Arms Control Implementation)						(-21,374)		
Subtotal Budget Activity 01: Combat Aircraft			4,889,197				502,824		5,392,021
Budget Activity 02: Airlift Aircraft									
02	C-130J		35,858			8	640,000	8	675,858
	FY 2019 Appropriated Base		35,858						
	1 / Program increase - eight aircraft for the Air National Guard					(8)	(640,000)		
02	KC-46A Tanker	15	2,559,911				-268,979	15	2,290,932
	FY 2019 Appropriated Base	15	2,559,911						
	2 / Unit cost savings						(-75,000)		
	2 / ICS excess to need						(-93,926)		
	2 / Depot stand up ahead of need						(-65,235)		
	2 / Aircrew training system ahead of need						(-34,818)		
02	HC-130J	2	229,437				-45,600	2	183,837
	FY 2019 Appropriated Base	1	129,437						
	2 / Unit cost growth						(-11,000)		
	2 / Spares funding ahead of need						(-23,600)		
	FY 2019 OCO (Title IX)	1	100,000						
	2 / Unit cost growth						(-11,000)		
02	MC-130J	6	770,201				-42,322	6	727,879
	FY 2019 Appropriated Base	6	770,201						
	2 / Unit cost growth						(-42,322)		
02	MC-130J Advance Procurement (CY)		218,000						218,000
	FY 2019 Appropriated Base		218,000						
Subtotal Budget Activity 02: Airlift Aircraft			3,813,407				283,099		4,096,506

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:						Fiscal Year Program:		
Aircraft Procurement, Air Force, 2019/2021 (3010F)						2019		
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: Other Aircraft								
04								
Combat Rescue Helicopter	10	680,201				-19,843	10	660,358
FY 2019 Appropriated Base	10	680,201						
2 / Depot strategy undetermined						(-1,843)		
2 / Excess unit cost						(-18,000)		
04								
Civil Air Patrol A/C	4	2,719			13	8,081	17	10,800
FY 2019 Appropriated Base	4	2,719						
1 / Program increase					(13)	(8,081)		
04								
Target Drones	48	139,053			-11	-38,100	37	100,953
FY 2019 Appropriated Base	48	139,053						
2 / Forward financing					(-11)	(-38,100)		
04								
Compass Call Mods	1	108,113			1	108,000	2	216,113
FY 2019 Appropriated Base	1	108,113						
1 / Program increase - accelerate fourth EC-37B aircraft					(1)	(108,000)		
04								
O/A-X Light Attack Aircraft						100,000		100,000
FY 2019 Appropriated Base								
1 / Program increase - procurement of aircraft and long lead materials						(100,000)		
04								
MQ-9	29	561,447			-5	-159,844	24	401,603
FY 2019 Appropriated Base	8	221,707						
2 / Prior year unit cost savings						(-5,664)		
2 / Dual ground control station funding excess to need						(-80,140)		
FY 2019 OCO (Title IX)	21	339,740						
2 / Remove five aircraft for efficient production rate					(-5)	(-74,040)		
04								
RQ-20B Puma		13,500						13,500
FY 2019 OCO (Title IX)		13,500						
Subtotal Budget Activity 04: Other Aircraft		1,505,033				-1,706		1,503,327
Budget Activity 05: Modification of In-service Aircraft								
05								
B-2A		60,301						60,301
FY 2019 Appropriated Base		60,301						
05								
B-1B		55,290				-15,600		39,690
FY 2019 Appropriated Base		51,290						
2 / Integrated battle station excess to need						(-9,400)		
2 / MIDS-JTRS ahead of need						(-3,719)		
2 / Radio crypto ahead of need						(-1,181)		
2 / ADS-B out ahead of need						(-1,300)		
FY 2019 OCO (Title IX)		4,000						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Air Force, 2019/2021 (3010F)

2019

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	B-52		105,519				11,711		117,230
	FY 2019 Appropriated Base		105,519						
	1 / Program increase - LRASM certification						(10,000)		
	2 / Crypto mod excess to need						(-2,759)		
	2 / Tactical Data Link excess to need						(-1,526)		
	2 / Airspace compliance funding ahead of need						(-1,954)		
	Crypto mod - Air Force requested transfer to RDTE,AF line 173 (BA 07, PE 0101113F B-52 Squadrons)						(-12,000)		
	Tactical Data Link - Air Force requested transfer to RDTE,AF line 173 (BA 07, PE 0101113F B-52 Squadrons)						(-1,450)		
	FY 2019 OCO (Title IX)								
	1 / Program increase - B-52 infrared threat defense UON						(16,400)		
	1 / Program increase - B-52 mission data recorder						(5,000)		
05	Large Aircraft Infrared Countermeasures		149,778						149,778
	FY 2019 OCO (Title IX)		149,778						
05	A-10		109,070				58,990		168,060
	FY 2019 Appropriated Base		98,720						
	1 / A-10 wing replacements						(65,000)		
	2 / ADS-B out delay						(-6,010)		
	FY 2019 OCO (Title IX)		10,350						
05	C-130J		10,831				-10,831		
	FY 2019 Appropriated Base		10,831						
	2 / Unjustified request						(-10,831)		
05	F-15		548,109				-101,462		446,647
	FY 2019 Appropriated Base		548,109						
	1 / Program increase - ALQ-128						(10,000)		
	2 /IRST - previously funded requirement						(-10,000)		
	2 / APG-82 install cost growth						(-6,535)		
	2 / APG-82 unit cost growth						(-6,311)		
	2 / APG-63 ahead of need						(-69,130)		
	2 / APG-53 installation cost growth						(-9,486)		
	4 / Technical Correction - Realignment of Program increase - ALQ-128 (BA 05, BLI F01500 F-15 to BA 07, BLI 000075 Other Production Charges) for proper execution						(-10,000)		
05	F-16		324,323				-20,899		303,424
	FY 2019 Appropriated Base		324,323						
	2 / AESA - previously funded requirement						(-899)		
	2 / MIDS-JTRS excess growth						(-20,000)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Air Force, 2019/2021 (3010F)

2019

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	F-22A		250,710				10,000		260,710
	FY 2019 Appropriated Base		250,710						
1 /	Program increase - RAMMP						(10,000)		
05	F-35 Modifications		247,271				-10,000		237,271
	FY 2019 Appropriated Base		247,271						
2 /	Concurrency growth						(-10,000)		
05	F-15 EPAW		147,685				67,200		214,885
	FY 2019 Appropriated Base		147,685						
1 /	Program increase - restore EPAWSS for F-15C						(67,200)		
05	Increment 3.2b		9,007				-7,000		2,007
	FY 2019 Appropriated Base		9,007						
2 /	Install funding ahead of need						(-7,000)		
05	KC-46A Tanker		8,547						8,547
	FY 2019 Appropriated Base		8,547						
05	C-5		77,845				-9,936		67,909
	FY 2019 Appropriated Base		77,845						
2 /	Mission computer and weather radar cost growth						(-9,936)		
05	C-17A		102,121				-24,900		77,221
	FY 2019 Appropriated Base		102,121						
2 /	Training system ahead of need						(-24,900)		
05	C-21		17,516						17,516
	FY 2019 Appropriated Base		17,516						
05	C-32A		4,537						4,537
	FY 2019 Appropriated Base		4,537						
05	C-37A		419						419
	FY 2019 Appropriated Base		419						
05	Glider Mods		137						137
	FY 2019 Appropriated Base		137						
05	T-6		22,550						22,550
	FY 2019 Appropriated Base		22,550						
05	T-1		21,952						21,952
	FY 2019 Appropriated Base		21,952						
05	T-38		70,623						70,623
	FY 2019 Appropriated Base		70,623						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Air Force, 2019/2021 (3010F)

2019

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	U-2 Mods		56,674						56,674
	FY 2019 Appropriated Base		48,774						
	FY 2019 OCO (Title IX)		7,900						
05	KC-10A (ATCA)		11,104						11,104
	FY 2019 Appropriated Base		11,104						
05	C-12		4,900						4,900
	FY 2019 Appropriated Base		4,900						
05	VC-25A Mod		36,938				-9,700		27,238
	FY 2019 Appropriated Base		36,938						
2 /	Chiller replacement terminated						(-9,700)		
05	C-40		251						251
	FY 2019 Appropriated Base		251						
05	C-130		22,094				159,000		181,094
	FY 2019 Appropriated Base		22,094						
1 /	Program increase - engine enhancement program						(74,000)		
1 /	Program increase - eight-blade propeller upgrade						(55,000)		
1 /	Program increase - C-130H modernization						(30,000)		
05	C-130J Mods		132,045				-4,611		127,434
	FY 2019 Appropriated Base		132,045						
2 /	Block 8.1b kit unit cost growth						(-4,611)		
05	C-135		113,076				-21,666		91,410
	FY 2019 Appropriated Base		113,076						
2 /	Aero-I SATCOM ahead of need						(-21,666)		
05	OC-135B		5,913						5,913
	FY 2019 Appropriated Base		5,913						
05	Compass Call Mods		86,285				86,000		172,285
	FY 2019 Appropriated Base		49,885						
1 /	Program increase - accelerate fourth EC-37B aircraft						(86,000)		
	FY 2019 OCO (Title IX)		36,400						
05	combat flight inspection (CFIN)		499						499
	FY 2019 Appropriated Base		499						
05	RC-135		394,532						394,532
	FY 2019 Appropriated Base		394,532						
05	E-3		133,906				-17,041		116,865
	FY 2019 Appropriated Base		133,906						
2 /	Electronic protection excess to need						(-17,041)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Air Force, 2019/2021 (3010F)**2019**

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	E-4 FY 2019 Appropriated Base		67,858						67,858
05	E-8 FY 2019 Appropriated Base		22,919				14,888		37,807
	Air Force requested transfer from RDTE,AF line 213 (BA 07, PE 0207581F Joint Surveillance/Target Attack Radar Svstem (JSTARS))		9,919				(14,888)		
05	FY 2019 OCO (Title IX) Airborne Warning and Cntr Sys (AWACS) 40/45		13,000						57,780
05	FY 2019 Appropriated Base		57,780						
05	Family of Beyond Line-of-Sight Terminals FY 2019 Appropriated Base		14,293						14,293
05	H-1 FY 2019 Appropriated Base		2,940				8,884		11,824
	Air Force requested transfer from line 89 (BA 07, BLI 000075 Other Production Charges to BA 05, BLI 00100 H-1)		2,940				(8,884)		
05	H-60 FY 2019 Appropriated Base		96,026				-4,000		92,026
2 /	Block 162 prior year carryover		55,466				(-4,000)		
05	FY 2019 OCO (Title IX) RQ-4 Mods		40,560						123,715
1 /	Program increase - Battlefield Airborne Communication Node		23,715				(100,000)		
05	HC/MC-130 Modifications FY 2019 Appropriated Base		125,654						125,654
05	FY 2019 OCO (Title IX) Other Aircraft		37,754				-4,600		111,141
2 /	FCMT excess to need		62,010				(-4,600)		
05	FY 2019 OCO (Title IX) MQ-9 Mods		53,731						171,548
05	FY 2019 Appropriated Base		171,548						
05	MQ-9 UAS Payloads FY 2019 OCO (Title IX)		16,000						16,000
05	CV-22 Mods FY 2019 Appropriated Base		60,416						60,416
Subtotal Budget Activity 05: Modification of In-service Aircraft			4,117,248				254,427		4,371,675

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Air Force, 2019/2021 (3010F)**2019**

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: Aircraft Spares and Repair Parts								
06 Initial Spares/Repair Parts		1,047,908				-135,900		912,008
FY 2019 Appropriated Base		956,408						
1 / Program increase - F-35A additional spares						(42,000)		
1 / Program increase - F-22 mission critical spares						(50,000)		
2 / KC-46 spares excess to requirement						(-133,000)		
2 / F-15 spares excess to requirement						(-29,500)		
2 / E-3 spares excess to requirement						(-15,400)		
5 / Technical Correction - Realignment of Program increase - F-22 mission critical spares (BA 06, BLI 000999 Initial Spares/Repair Parts to BA 07, F02200 F-22A) for proper execution						(-50,000)		
FY 2019 OCO (Title IX)		91,500						
Subtotal Budget Activity 06: Aircraft Spares and Repair Parts		1,047,908				-135,900		912,008
Budget Activity 07: Aircraft Support Equipment and Facilities								
07 Aircraft Replacement Support Equip		113,770						113,770
FY 2019 Appropriated Base		81,241						
FY 2019 OCO (Title IX)		32,529						
07 Other Production Charges		22,000						22,000
FY 2019 OCO (Title IX)		22,000						
07 Other Production Charges		1,502,386				-104,184		1,398,202
FY 2019 Appropriated Base		1,502,386						
2 / Classified adjustment						(-28,500)		
2 / Classified adjustment						(-76,800)		
4 / Technical Correction - Realignment of Program increase - ALQ-128 (BA 05, BLI F01500 F-15 to BA 07, BLI 000075 Other Production Charges) for proper execution						(10,000)		
H-1 Air Force requested transfer to line 62 (BA 07, BLI 000075 Other Production Charges to BA 05, BLI 00100 H-1)						(-8,884)		
07 B-2A		1,763						1,763
FY 2019 Appropriated Base		1,763						
07 B-2B		35,861						35,861
FY 2019 Appropriated Base		35,861						
07 B-52		12,819						12,819
FY 2019 Appropriated Base		12,819						
07 C-17A		10,114						10,114
FY 2019 Appropriated Base		10,114						
07 F-15		2,545						2,545
FY 2019 Appropriated Base		2,545						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Aircraft Procurement, Air Force, 2019/2021 (3010F)**2019**

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	F-16		11,718				-6,800		4,918
	FY 2019 Appropriated Base		11,718						
	2 / AESA - previously funded requirement						(-2,600)		
	2 / Funds excess to need						(-4,200)		
07	F-22A		14,489				50,000		64,489
	FY 2019 Appropriated Base		14,489						
	5 / Technical Correction - Realignment of Program increase - F-22 mission critical spares (BA 06, BLI 000999 Initial Spares/Repair Parts to BA 07, F02200 F-22A) for proper execution						(50,000)		
07	Other Aircraft		9,928						9,928
	FY 2019 Appropriated Base		9,928						
07	RQ-4 Post Production Charges		40,641						40,641
	FY 2019 Appropriated Base		40,641						
07	Industrial Responsiveness		17,378						17,378
	FY 2019 Appropriated Base		17,378						
07	War Consumables		29,342						29,342
	FY 2019 Appropriated Base		29,342						
07	Classified Programs		28,278						28,278
	FY 2019 Appropriated Base		28,278						
Subtotal Budget Activity 07: Aircraft Support Equipment and Facilities			1,853,032				-60,984		1,792,048
Grand Total Aircraft Procurement, Air Force, 2019/2021			17,225,825				841,760		18,067,585
Financing									
	APPROPRIATION, P.L. 115-245 (Base)		16,206,937				905,400		17,112,337
	APPROPRIATION, P.L. 115-245 (OCO)		1,018,888				-63,640		955,248
TOTAL FINANCING - FY 2019 PROGRAM			17,225,825				841,760		18,067,585

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 / Technical Correction - Realignment of Program increase - ALQ-128 (BA 05, BLI F01500 F-15 to BA 07, BLI 000075 Other Production Charges) for proper execution.
- 5 / Technical Correction - Realignment of Program increase - F-22 mission critical spares (BA 06, BLI 000999 Initial Spares/Repair Parts to BA 07, F02200 F-22A) for proper execution.
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:						Fiscal Year Program:		
Missile Procurement, Air Force, 2019/2021 (3020F)						2019		
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: Ballistic Missiles								
01								
Missile Replacement Eq-Ballistic		36,786				-22,859		13,927
FY 2019 Appropriated Base		36,786						
2 / TERP delays						(-18,720)		
FFRDC Reductions (Section 8024)						(-4,139)		
Subtotal Budget Activity 01: Ballistic Missiles		36,786				-22,859		13,927
Budget Activity 02: Other Missiles								
02								
Joint Air-Surface Standoff Missile	360	492,308				110,520	360	602,828
FY 2019 Appropriated Base	312	430,708						
1 / Program increase						(125,000)		
2 / Forward financing support costs						(-14,480)		
FY 2019 OCO (Title IX)	48	61,600						
02								
LRASMO	12	44,185			3	10,200	15	54,385
FY 2019 Appropriated Base	12	44,185						
1 / Program increase - restore reduction					(3)	(10,200)		
02								
Sidewinder (AIM-9X)	256	121,253					256	121,253
FY 2019 Appropriated Base	256	121,253						
02								
AMRAAM	222	340,486			(-35)	-33,000	187	307,486
FY 2019 Appropriated Base	220	337,886						
2 / Unit cost adjustment						(-33,000)		
Quantity adjustment - updated initial estimate based on revised pricing					(-35)			
FY 2019 OCO (Title IX)	2	2,600						
02								
Predator Hellfire Missile	4,338	368,765			-901	-80,000	3,437	288,765
FY 2019 Appropriated Base	1,338	113,765						
2 / Previously funded requirement					(-901)	(-50,000)		
2 / Prior year carryover						(-30,000)		
FY 2019 OCO (Title IX)	3,000	255,000						
02								
Small Diameter Bomb	6,826	245,758			-1,082	-36,400	5,744	209,358
FY 2019 Appropriated Base	2,917	105,034						
2 / Previously funded requirement					(-1,082)	(-36,400)		
FY 2019 OCO (Title IX)	3,909	140,724						
02								
SMALL DIAMETER BOMB II	510	100,861					510	100,861
FY 2019 Appropriated Base	510	100,861						
02								
Industry's Preparedness/Pol Prevention		787						787
FY 2019 Appropriated Base		787						
Subtotal Budget Activity 02: Other Missiles		1,714,403				-28,680		1,685,723

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Missile Procurement, Air Force, 2019/2021 (3020F)

2019

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: Modification of In-service Missiles								
03 ICBM FUZE MOD		15,767						15,767
FY 2019 Appropriated Base		15,767						
03 ICBM FUZE MOD Advance Procurement (CY)		4,100						4,100
FY 2019 Appropriated Base		4,100						
03 MM III Modifications		129,199				-4,607		124,592
FY 2019 Appropriated Base		129,199						
2 / LCCBU - savings from single contract award						(-550)		
2 / Unjustified program management growth						(-1,500)		
FFRDC Reductions (Section 8024)						(-2,557)		
03 AGM-65D Maverick		33,890						33,890
FY 2019 Appropriated Base		288						
FY 2019 OCO (Title IX)		33,602						
03 Air Launch Cruise Missile (ALCM)		47,632						47,632
FY 2019 Appropriated Base		47,632						
Subtotal Budget Activity 03: Modification of In-service Missiles		230,588				-4,607		225,981
Budget Activity 04: Spares and Repair Parts								
04 Replen Spares/Repair Parts		97,481						97,481
FY 2019 Appropriated Base		97,481						
Subtotal Budget Activity 04: Spares and Repair Parts		97,481						97,481
Budget Activity 05: Other Support								
05 Special Update Programs		188,539						188,539
FY 2019 Appropriated Base		188,539						
05 Classified Programs		895,183				-35,000		860,183
FY 2019 Appropriated Base		895,183						
2 / Classified adjustment						(-35,000)		
Subtotal Budget Activity 05: Other Support		1,083,722				-35,000		1,048,722

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Missile Procurement, Air Force, 2019/2021 (3020F)						Fiscal Year Program: 2019		
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 Missile Procurement, Air Force, 2019/2021		3,162,980				-91,146		3,071,834
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		2,669,454				-84,450		2,585,004
APPROPRIATION, P.L. 115-245 (OCO)		493,526						493,526
FFRDC Reductions (Section 8024)						-6,696		
Subtotal General Provision Reductions								-6,696
TOTAL FINANCING - FY 2019 PROGRAM		3,162,980				-91,146		3,071,834
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 \$20 million or 20%, whichever is less, for each budget line item.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Space Procurement, Air Force, 2019/2021 (3021F)

2019

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: Space Procurement, Air Force								
01 Advanced EHF		29,829						29,829
FY 2019 Appropriated Base		29,829						
01 AF Satellite Comm System		35,400						35,400
FY 2019 Appropriated Base		35,400						
01 Counterspace Systems		1,121						1,121
FY 2019 Appropriated Base		1,121						
01 Family of Beyond Line-of-Sight Terminals		27,867						27,867
FY 2019 Appropriated Base		27,867						
01 Wideband Gapfiller Satellites(Space)		61,606				-49,500		12,106
FY 2019 Appropriated Base		61,606						
Commercial Satellite Communications - transfer to RDTE,AF line 127A (BA05 / 1206445F / Commercial SATCOM)						(-49,500)		
01 General Information Tech - Space		3,425				-1,000		2,425
FY 2019 Appropriated Base		3,425						
2 / Insufficient justification						(-1,000)		
01 GPS III Space Segment		69,386						69,386
FY 2019 Appropriated Base		69,386						
01 Global Positioning (Space)		2,181						2,181
FY 2019 Appropriated Base		2,181						
01 INTEG BROADCAST SERV		16,445						16,445
FY 2019 Appropriated Base		16,445						
01 Spaceborne Equip (Comsec)		31,895				-3,417		28,478
FY 2019 Appropriated Base		31,895						
2 / Insufficient justification						(-3,400)		
FFRDC Reductions (Section 8024)						(-17)		
4 / Cyberspace Activities FY19								
01 MILSATCOM		11,265						11,265
FY 2019 Appropriated Base		11,265						
01 Evolved Expendable Launch Capability		709,981				-50,000		659,981
FY 2019 Appropriated Base		709,981						
2 / Historical underrun						(-50,000)		
01 Evolved Expendable Launch Veh(Space)	5	994,555				-40,000	5	954,555
FY 2019 Appropriated Base	5	994,555						
2 / Improving funds management						(-40,000)		
01 SBIR High (Space)		138,397				-30,000		108,397
FY 2019 Appropriated Base		138,397						
2 / Early to need						(-30,000)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Space Procurement, Air Force, 2019/2021 (3021F)	Fiscal Year Program: 2019
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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	
a		Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
01	NUDET Detection System		7,705						7,705
	FY 2019 Appropriated Base		7,705						
01	Rocket Systems Launch Program		47,609						47,609
	FY 2019 Appropriated Base		47,609						
01	Space Fence		51,361				-5,000		46,361
	FY 2019 Appropriated Base		51,361						
2 /	Insufficient justification						(-5,000)		
01	Space Mods		148,065				-14,211		133,854
	FY 2019 Appropriated Base		148,065						
	FFRDC Reductions (Section 8024)						(-14,211)		
01	Space lift Range System Space		117,637						117,637
	FY 2019 Appropriated Base		117,637						
Subtotal Budget Activity 01: Space Procurement, Air Force			2,505,730				-193,128		2,312,602
Budget Activity 02: Spares									
02	Spares and Repair Parts		21,812				-5,000		16,812
	FY 2019 Appropriated Base		21,812						
2 /	Improving funds management						(-5,000)		
4 /	Cyberspace Activities FY19								
Subtotal Budget Activity 02: Spares			21,812				-5,000		16,812
Grand Total Space Procurement, Air Force, 2019/2021			2,527,542				-198,128		2,329,414
Financing									
	APPROPRIATION, P.L. 115-245 (Base)		2,527,542				-183,900		2,343,642
	FFRDC Reductions (Section 8024)						-14,228		
	Subtotal General Provision Reductions								-14,228
TOTAL FINANCING - FY 2019 PROGRAM			2,527,542				-198,128		2,329,414

Footnotes:	<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 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.</p> <p>For Procurement, the Below Threshold Reprogramming limitation is \$20 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:

Fiscal Year Program:

Procurement of Ammunition, Air Force, 2019/2021 (3011F)**2019**

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: Procurement of Ammo, Air Force								
01 Rockets		345,911				-74,300		271,611
 FY 2019 Appropriated Base		345,911						
2 / Previously funded requirement						(-73,300)		
2 / Hardware end item cost growth (2.75 Warhead WP Smoke)						(-1,000)		
01 Cartridges		193,427				-5,200		188,227
 FY 2019 Appropriated Base		163,840						
2 / PGU-48 unjustified growth						(-5,200)		
 FY 2019 OCO (Title IX)		29,587						
01 Practice Bombs		20,876						20,876
 FY 2019 Appropriated Base		20,876						
01 General Purpose Bombs		811,170						811,170
 FY 2019 Appropriated Base		259,308						
 FY 2019 OCO (Title IX)		551,862						
01 Massive Ordnance Penetrator (MOP)		38,111						38,111
 FY 2019 Appropriated Base		38,111						
01 Joint Direct Attack Munition	36,000	972,649				-50,000	36,000	922,649
 FY 2019 Appropriated Base	7,899	234,198						
 FY 2019 OCO (Title IX)	28,101	738,451						
2 / Previously funded requirement						(-50,000)		
01 B61	250	109,292				-9,800	250	99,492
 FY 2019 Appropriated Base	250	109,292						
2 / Support cost growth						(-9,800)		
01 B61 Advance Procurement (CY)		52,731						52,731
 FY 2019 Appropriated Base		52,731						
01 Cad/Pad		51,455						51,455
 FY 2019 Appropriated Base		51,455						
01 Explosive Ordnance Disposal (EOD)		6,038						6,038
 FY 2019 Appropriated Base		6,038						
01 Spares And Repair Parts		524				-524		
 FY 2019 Appropriated Base		524						
2 / Unjustified request						(-524)		
01 Modifications		1,270				-423		847
 FY 2019 Appropriated Base		1,270						
2 / Insufficient budget justification						(-423)		
01 Items Less Than \$5,000,000		4,604				-1,534		3,070
 FY 2019 Appropriated Base		4,604						
2 / Insufficient budget justification						(-1,534)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:						Fiscal Year Program:			
Procurement of Ammunition, Air Force, 2019/2021 (3011F)						2019			
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	Flares		137,402						137,402
	FY 2019 Appropriated Base		125,286						
	FY 2019 OCO (Title IX)		12,116						
01	Fuzes		190,358				-9,667		180,691
	FY 2019 Appropriated Base		109,358						
2 /	Unit cost discrepancy and support cost growth (FMU-139						(-9,667)		
	FY 2019 OCO (Title IX)		81,000						
Subtotal Budget Activity 01: Procurement of Ammo, Air Force			2,935,818				-151,448		2,784,370
Budget Activity 02: Weapons									
02	Small Arms		73,002						73,002
	FY 2019 Appropriated Base		64,502						
	FY 2019 OCO (Title IX)		8,500						
Subtotal Budget Activity 02: Weapons			73,002						73,002
Grand Total Procurement of Ammunition, Air Force, 2019/2021			3,008,820				-151,448		2,857,372
Financing									
	APPROPRIATION, P.L. 115-245 (Base)		1,587,304				-101,448		1,485,856
	APPROPRIATION, P.L. 115-245 (OCO)		1,421,516				-50,000		1,371,516
TOTAL FINANCING - FY 2019 PROGRAM			3,008,820				-151,448		2,857,372
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:

Fiscal Year Program:

Other Procurement, Air Force, 2019/2021 (3080F)

2019

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		16,629						16,629
FY 2019 Appropriated Base		6,949						
FY 2019 OCO (Title IX)		9,680						
02 Medium Tactical Vehicle		45,682						45,682
FY 2019 Appropriated Base		36,002						
FY 2019 OCO (Title IX)		9,680						
02 Cap Vehicles		1,022				678		1,700
FY 2019 Appropriated Base		1,022						
1 / Program increase						(678)		
02 Cargo and Utility Vehicles		62,376						62,376
FY 2019 Appropriated Base		42,696						
FY 2019 OCO (Title IX)		19,680						
02 Joint Light Tactical Vehicle		30,145				16,032		46,177
FY 2019 Appropriated Base		30,145						
2 / Unit cost adjustment						(-1,450)		
FY 2019 OCO (Title IX)								
2 / JLTV unit cost adjustment						(-7,268)		
Transfer from line 6 (BA02 / 823230 / Security And Tactical Vehicles)						(24,750)		
02 Security And Tactical Vehicles		26,110				-24,997		1,113
FY 2019 Appropriated Base		1,230						
Undistributed reduction (FFRDC requirements overestimated)						(-247)		
FY 2019 OCO (Title IX)		24,880						
Transfer to line 5 (BA02 / 823210 / Joint Light Tactical Vehicles)						(-24,750)		
02 Special Purpose Vehicles		77,683						77,683
FY 2019 Appropriated Base		43,003						
FY 2019 OCO (Title IX)		34,680						
02 Fire Fighting/Crash Rescue Vehicles		33,064						33,064
FY 2019 Appropriated Base		23,328						
FY 2019 OCO (Title IX)		9,736						
02 Materials Handling Vehicles		36,217						36,217
FY 2019 Appropriated Base		11,537						
FY 2019 OCO (Title IX)		24,680						
02 Runway Snow Remov And Cleaning Equ		47,280						47,280
FY 2019 Appropriated Base		37,600						
FY 2019 OCO (Title IX)		9,680						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Air Force, 2019/2021 (3080F)**2019**

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 Base Maintenance Support Vehicles		114,603						114,603
FY 2019 Appropriated Base		104,923						
FY 2019 OCO (Title IX)		9,680						
Subtotal Budget Activity 02: Vehicular Equipment		490,811				-8,287		482,524
Budget Activity 03: Electronics and Telecommunications Equipment								
03 Comsec Equipment		114,372				-10,142		104,230
FY 2019 Appropriated Base		114,372						
2 / VACM late contract award						(-1,023)		
2 / Unjustified growth for COMSEC equipment						(-8,300)		
Undistributed reduction (FFRDC requirements overestimated)						(-819)		
4 / Cyberspace Activities FY19								
03 International Intel Tech & Architectures		8,290						8,290
FY 2019 Appropriated Base		8,290						
03 Intelligence Training Equipment		2,099				-500		1,599
FY 2019 Appropriated Base		2,099						
2 / Insufficient justification/underexecution						(-500)		
03 Intelligence Comm Equipment		43,571				-21,851		21,720
FY 2019 Appropriated Base		37,415						
2 / FSST previously funded						(-21,269)		
Undistributed reduction (FFRDC requirements overestimated)						(-582)		
FY 2019 OCO (Title IX)		6,156						
03 Air Traffic Control & Landing Sys		114,821				-31,091		83,730
FY 2019 Appropriated Base		57,937						
1, 6 / Precision approach radar						(5,000)		
2 / Maintain program affordability - D-RAPCON						(-15,000)		
Undistributed reduction (FFRDC requirements overestimated)						(-191)		
FY 2019 OCO (Title IX)		56,884						
2 / D-RAPCON cost growth						(-20,900)		
03 Battle Control System - Fixed		3,012				-163		2,849
FY 2019 Appropriated Base		3,012						
Undistributed reduction (FFRDC requirements overestimated)						(-163)		
03 Theater Air Control Sys Improvemen		19,989				-565		19,424
FY 2019 Appropriated Base		19,989						
Undistributed reduction (FFRDC requirements overestimated)						(-565)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Air Force, 2019/2021 (3080F)**2019**

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	Weather Observation Forecast		45,020				7,093		52,113
	FY 2019 Appropriated Base		45,020						
1 /	Portable doppler radar						(7,500)		
	Undistributed reduction (FFRDC requirements overestimated)						(-407)		
03	Strategic Command And Control		32,836						32,836
	FY 2019 Appropriated Base		32,836						
03	Cheyenne Mountain Complex		12,454				-451		12,003
	FY 2019 Appropriated Base		12,454						
	Undistributed reduction (FFRDC requirements overestimated)						(-451)		
03	Mission Planning Systems		14,263				-2,171		12,092
	FY 2019 Appropriated Base		14,263						
2 /	Underexecution						(-2,000)		
	Undistributed reduction (FFRDC requirements overestimated)						(-171)		
03	Integrated Strat Plan & Analy Network (ISPAN)		7,769				-432		7,337
	FY 2019 Appropriated Base		7,769						
	Undistributed reduction (FFRDC requirements overestimated)						(-432)		
03	General Information Technology		40,450				-10,578		29,872
	FY 2019 Appropriated Base		40,450						
2 /	Historical underexecution						(-10,000)		
	Undistributed reduction (FFRDC requirements overestimated)						(-578)		
4 /	Cyberspace Activities FY19								
03	AF Global Command & Control Sys		6,619				-467		6,152
	FY 2019 Appropriated Base		6,619						
	Undistributed reduction (FFRDC requirements overestimated)						(-467)		
03	Mobility Command And Control		10,192						10,192
	FY 2019 Appropriated Base		10,192						
03	Air Force Physical Security System		205,549				-116,661		88,888
	FY 2019 Appropriated Base		159,313						
2 /	Previously funded requirement						(-114,200)		
	Undistributed reduction (FFRDC requirements overestimated)						(-2,461)		
	FY 2019 OCO (Title IX)		46,236						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Air Force, 2019/2021 (3080F)**2019**

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	Combat Training Ranges		132,675				102,523		235,198
	FY 2019 Appropriated Base		132,675						
	1 / Program increase - ANG electronic warfare range requirements - threat emitters						(40,000)		
	1 / Program increase - threat simulators and equipment to support F-35A beddown						(63,500)		
	Undistributed reduction (FFRDC requirements overestimated)						(-977)		
03	Minimum Essential Emergency Comm N		140,875						140,875
	FY 2019 Appropriated Base		140,875						
03	Wide Area Surveillance (WAS)		92,104				-5,000		87,104
	FY 2019 Appropriated Base		92,104						
	2 / Program excess						(-5,000)		
03	C3 Countermeasures		45,152				-15,151		30,001
	FY 2019 Appropriated Base		45,152						
	2 / Underexecution						(-15,000)		
	Undistributed reduction (FFRDC requirements overestimated)						(-151)		
	4 / Cyberspace Activities FY19								
03	GCSS-AF Fos		483						483
	FY 2019 Appropriated Base		483						
03	Defense Enterprise Accounting & Mgt Sys		802						802
	FY 2019 Appropriated Base		802						
03	Maintenance Repair & Overhaul Initiative		12,207						12,207
	FY 2019 Appropriated Base		12,207						
03	Theater Battle Mgt C2 System		10,144				-4,953		5,191
	FY 2019 Appropriated Base		7,644						
	2 / C2 info services unjustified growth						(-2,120)		
	Undistributed reduction (FFRDC requirements overestimated)						(-333)		
	FY 2019 OCO (Title IX)		2,500						
	2 / ABGD - insufficient justification						(-2,500)		
03	Air & Space Operations Center (AOC)		40,066				-1,477		38,589
	FY 2019 Appropriated Base		40,066						
	Undistributed reduction (FFRDC requirements overestimated)						(-1,477)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Air Force, 2019/2021 (3080F)

2019

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	Base Information Transprt Infrast (BITI) Wired FY 2019 Appropriated Base		22,357 22,357				-5,086		17,271
	2 / Underexecution						(-5,000)		
	Undistributed reduction (FFRDC requirements overestimated)						(-86)		
03	AFNET FY 2019 Appropriated Base		102,836 102,836				-30,240		72,596
	2 / ARAD enterprise software previously funded						(-26,000)		
	Undistributed reduction (FFRDC requirements overestimated)						(-4,240)		
	4 / Cyberspace Activities FY19								
03	Joint Communications Support Element (JCSE) FY 2019 Appropriated Base		3,145 3,145						3,145
03	USCENTCOM FY 2019 Appropriated Base		13,194 13,194				-5,000		8,194
	2 / Underexecution						(-5,000)		
03	Tactical C-E Equipment FY 2019 Appropriated Base		189,142 161,231				-11,582		177,560
	2 / Carryover						(-10,000)		
	Undistributed reduction (FFRDC requirements overestimated)						(-1,582)		
	FY 2019 OCO (Title IX)		27,911						
03	Radio Equipment FY 2019 Appropriated Base		12,142 12,142				-181		11,961
	Undistributed reduction (FFRDC requirements overestimated)						(-181)		
03	CCTV/Audiovisual Equipment FY 2019 Appropriated Base		6,505 6,505				-3,500		3,005
	2 / Carryover						(-3,500)		
03	Base Comm Infrastructure FY 2019 Appropriated Base		169,404 169,404				-15,748		153,656
	2 / Underexecution						(-15,000)		
	Undistributed reduction (FFRDC requirements overestimated)						(-748)		
03	Comm Elect Mods FY 2019 Appropriated Base		10,654 10,654						10,654
Subtotal Budget Activity 03: Electronics and Telecommunications Equipment			1,685,193				-183,374		1,501,819

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Other Procurement, Air Force, 2019/2021 (3080F)

2019

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: Other base maintenance and support equipment								
04 Personal Safety and Rescue Equipment		65,506						65,506
FY 2019 Appropriated Base		51,906						
FY 2019 OCO (Title IX)		13,600						
04 Mechanized Material Handling Equip		88,298						88,298
FY 2019 Appropriated Base		88,298						
04 Base Procured Equipment		45,831						45,831
FY 2019 Appropriated Base		17,031						
FY 2019 OCO (Title IX)		28,800						
04 Engineering and EOD Equipment		136,135						136,135
FY 2019 Appropriated Base		82,635						
FY 2019 OCO (Title IX)		53,500						
04 Mobility Equipment		88,111				-376		87,735
FY 2019 Appropriated Base		9,549						
Undistributed reduction (FFRDC requirements overestimated)						(-376)		
FY 2019 OCO (Title IX)		78,562						
04 Base Maintenance and Support Equipment		52,060						52,060
FY 2019 Appropriated Base		24,005						
1 / Precision approach radar						(5,000)		
1, 5 / Precision approach radar						(-5,000)		
FY 2019 OCO (Title IX)		28,055						
04 DARP RC135		26,262						26,262
FY 2019 Appropriated Base		26,262						
04 DCGS-AF		450,290				-71,853		378,437
FY 2019 Appropriated Base		448,290						
2 / Previously funded requirement						(-69,800)		
Undistributed reduction (FFRDC requirements overestimated)						(-2,053)		
FY 2019 OCO (Title IX)		2,000						
04 Special Update Program		913,813				-3,262		910,551
FY 2019 Appropriated Base		913,813						
2 / Classified adjustment						(-3,000)		
Undistributed reduction (FFRDC requirements overestimated)						(-262)		
04 Classified Programs		20,487,433				212,545		20,699,978
FY 2019 Appropriated Base		17,258,069						
1 / Classified adjustment						(230,545)		
FY 2019 OCO (Title IX)		3,229,364						
2 / Classified adjustment						(-18,000)		
Subtotal Budget Activity 04: Other base maintenance and support equipment		22,353,739				137,054		22,490,793

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Other Procurement, Air Force, 2019/2021 (3080F)	Fiscal Year Program: 2019
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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
Budget Activity 05: Spare and repair parts								
05 Spares And Repair Parts		86,365						86,365
FY 2019 Appropriated Base		86,365						
4 / Cyberspace Activities FY19								
Subtotal Budget Activity 05: Spare and repair parts		86,365						86,365
Grand Total Other Procurement, Air Force, 2019/2021		24,616,108				-54,607		24,561,501
Financing								
APPROPRIATION, P.L. 115-245 (Base)		20,890,164				-5,939		20,884,225
APPROPRIATION, P.L. 115-245 (OCO)		3,725,944				-48,668		3,677,276
TOTAL FINANCING - FY 2019 PROGRAM		24,616,108				-54,607		24,561,501

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 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.
 - 5 / This item reflects an adjustment to realign a congressional increase for Precision Approach Radar. Realignment for proper execution from Budget Activity 04, Budget Line Item 845990 (Base Maintenance and Support Equipment) to Budget Activity 03, Budget Line Item 833010 (Air Traffic Control/Landing System ATCALS). The adjustment does not change the purpose for which the funds were appropriated.
 - 6 / This item reflects an adjustment to realign a congressional increase for Precision Approach Radar. Realignment for proper execution from Budget Activity 04, Budget Line Item 845990 (Base Maintenance and Support Equipment) to Budget Activity 03, Budget Line Item 833010 (Air Traffic Control/Landing System ATCALS). The adjustment does not change the purpose for which the funds were appropriated.
- 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:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Air Force , 2019/2020 (3600F)

2019

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		348,322				35,000		383,322
FY 2019 Appropriated Base		348,322						
1 / Program increase - basic research						(35,000)		
01 0601103F University Research Initiatives		154,991				10,000		164,991
FY 2019 Appropriated Base		154,991						
1 / Program increase - basic research						(10,000)		
01 0601108F High Energy Laser Research Initiatives		14,506				-1,490		13,016
FY 2019 Appropriated Base		14,506						
2 / Under execution						(-1,450)		
FFRDC Reductions (Section 8024)						(-40)		
Subtotal Budget Activity 01: Basic research		517,819				43,510		561,329
Budget Activity 02: Applied Research								
02 0602102F Materials		125,373				56,000		181,373
FY 2019 Appropriated Base		125,373						
1 / Program increase - thermal protection for hypersonic vehicles						(10,000)		
1 / Program increase - biosensor materials						(5,000)		
1 / Program increase - coating technologies						(10,000)		
1 / Program increase - high temperature material technologies for turbine engines						(5,000)		
1 / Program increase - certification of advanced composites						(15,000)		
1 / Program increase - high performance materials						(8,000)		
1 / Program increase - turbine airfoil demonstration						(3,000)		
02 0602201F Aerospace Vehicle Technologies		130,547				29,914		160,461
FY 2019 Appropriated Base		130,547						
1 / Program increase - hypersonic vehicle structures						(10,000)		
1 / Program increase - flight controls and pilot-vehicle interfaces						(5,000)		
1 / Program increase - high speed systems technology						(6,000)		
1 / Program increase - human-machine teaming						(4,000)		
1 / Program increase - hypersonic wind tunnels						(5,000)		
FFRDC Reductions (Section 8024)						(-86)		
02 0602202F Human Effectiveness Applied Research		112,518				6,500		119,018
FY 2019 Appropriated Base		112,518						
1 / Program increase - hypoxia research						(5,000)		
1 / Program increase - warfighter physiology program						(1,500)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Air Force , 2019/2020 (3600F)

2019

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	0602203F	Aerospace Propulsion		190,919				27,500		218,419
		FY 2019 Appropriated Base		190,919						
	1 /	Program increase - thermal management technologies						(6,000)		
	1 /	Program increase - centers of excellence						(5,000)		
	1 /	Program increase - next generation hall thrusters						(10,000)		
	1 /	Program increase - next generation heat exchangers						(6,500)		
	1 /	Program increase - MADDIE - modular arrays for energy						(12,000)		
	1, 5 /	Program increase - MADDIE - modular arrays for energy						(-12,000)		
02	0602204F	Aerospace Sensors		166,534				4,773		171,307
		FY 2019 Appropriated Base		166,534						
	1 /	Program increase - Air Force Minority Leaders Program						(5,000)		
		FFRDC Reductions (Section 8024)						(-227)		
	4 /	Cyberspace Activities FY19								
02	0602298F	Science and Technology Management - Major Headquarters Activities		8,288						8,288
		FY 2019 Appropriated Base		8,288						
02	0602602F	Conventional Munitions		112,841						112,841
		FY 2019 Appropriated Base		112,841						
02	0602605F	Directed Energy Technology		141,898				-99		141,799
		FY 2019 Appropriated Base		141,898						
		FFRDC Reductions (Section 8024)						(-99)		
02	0602788F	Dominant Information Sciences and Methods		162,420				22,856		185,276
		FY 2019 Appropriated Base		162,420						
	1 /	Program increase						(10,000)		
	1 /	Program increase - cyber testbed for unidentified C-UAS						(5,500)		
	1 /	Program increase - quantum computing CoE						(7,500)		
		FFRDC Reductions (Section 8024)						(-144)		
	4 /	Cyberspace Activities FY19								
02	0602890F	High Energy Laser Research		43,359				-167		43,192
		FY 2019 Appropriated Base		43,359						
		FFRDC Reductions (Section 8024)						(-167)		
02	1206601F	Space Technology		117,645				20,953		138,598
		FY 2019 Appropriated Base		117,645						
	1 /	Program increase - advanced spacecraft technologies						(5,000)		
	1 /	Program increase - advanced materials and process for magnetic graphene memory systems						(4,000)		
	1, 6 /	Program increase - MADDIE - modular arrays for energy						(12,000)		
		FFRDC Reductions (Section 8024)						(-47)		
Subtotal Budget Activity 02: Applied Research				1,312,342				168,231		1,480,573

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Air Force , 2019/2020 (3600F)**2019**

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 0603112F		34,426				13,000		47,426
Advanced Materials for Weapon Systems		34,426						
FY 2019 Appropriated Base								
1 / Program increase - metals affordability research						(10,000)		
1 / Program increase - materials transition of metals for hypersonics						(3,000)		
03 0603199F		15,150						15,150
Sustainment Science and Technology (S&T)		15,150						
FY 2019 Appropriated Base								
03 0603203F		39,968				5,000		44,968
Advanced Aerospace Sensors		39,968						
FY 2019 Appropriated Base								
1 / Program increase - sensor integration						(5,000)		
03 0603211F		121,002				5,000		126,002
Aerospace Technology Dev/Demo		121,002						
FY 2019 Appropriated Base								
1 / Program increase - aircraft winglets and drag reduction devices						(5,000)		
03 0603216F		115,462				32,956		148,418
Aerospace Propulsion and Power Technology		115,462						
FY 2019 Appropriated Base								
1 / Program increase - advanced turbine engine gas generator						(7,000)		
1 / Program increase - chemical apogee engines						(2,500)		
1 / Program increase - upper stage engine maturation						(8,500)		
1 / Program increase - silicon carbide research						(15,000)		
FFRDC Reductions (Section 8024)						(-44)		
03 0603270F		55,319				-265		55,054
Electronic Combat Technology		55,319						
FY 2019 Appropriated Base								
FFRDC Reductions (Section 8024)						(-265)		
4 / Cyberspace Activities FY19								
03 0603401F		54,895				15,839		70,734
Advanced Spacecraft Technology		54,895						
FY 2019 Appropriated Base								
1 / Program increase - radiation hardened microelectronic processors						(6,000)		
1 / Program increase - space laser communications systems						(10,000)		
FFRDC Reductions (Section 8024)						(-161)		
03 0603444F		10,674						10,674
Maui Space Surveillance System (MSSS)		10,674						
FY 2019 Appropriated Base								
03 0603456F		36,463				-43		36,420
Human Effectiveness Advanced Technology Development		36,463						
FY 2019 Appropriated Base								
FFRDC Reductions (Section 8024)						(-43)		

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a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
03	0603601F	Conventional Weapons Technology FY 2019 Appropriated Base		194,981 194,981				9,775		204,756
	1 /	Program increase - rotary launcher development FFRDC Reductions (Section 8024)						(10,000) (-225)		
03	0603605F	Advanced Weapons Technology FY 2019 Appropriated Base		43,368 43,368						43,368
03	0603680F	Manufacturing Technology Program FY 2019 Appropriated Base		42,025 42,025				23,735		65,760
	1 /	Program increase - modeling technology for small turbine engines						(4,000)		
	1 /	Program increase - F-35 battery technology						(9,800)		
	1 /	Program increase - materials development research FFRDC Reductions (Section 8024)						(10,000) (-65)		
03	0603788F	Battlespace Knowledge Development and Demonstration FY 2019 Appropriated Base		51,064 51,064				8,953		60,017
	1 /	Program increase - assured worldwide connectivity FFRDC Reductions (Section 8024)						(9,000) (-47)		
	4 /	Cyberspace Activities FY19								
Subtotal Budget Activity 03: Advanced Technology Development				814,797				113,950		928,747
Budget Activity 04: Advanced Component Development and Prototypes										
04	0603260F	Intelligence Advanced Development FY 2019 Appropriated Base		5,568 5,568						5,568
04	0603742F	Combat Identification Technology FY 2019 Appropriated Base		18,194 18,194						18,194
04	0603790F	NATO Research and Development FY 2019 Appropriated Base		2,305 2,305						2,305
04	0603851F	Intercontinental Ballistic Missile - Dem/Val FY 2019 Appropriated Base		41,856 41,856				-9,500		32,356
	2 /	GAP unjustified growth						(-2,000)		
	2 /	RVAP unjustified growth						(-5,200)		
	2 /	C2AP unjustified growth						(-2,300)		
04	0603859F	Pollution Prevention - Dem/Val FY 2019 Appropriated Base						200		200
	1 /	Program increase - alternative energy aircraft tugs						(200)		
04	0604015F	Long Range Strike - Bomber FY 2019 Appropriated Base		2,314,196 2,314,196				-35,000		2,279,196
	2 /	Classified adjustment						(-35,000)		

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04	0604201F	Integrated Avionics Planning and Development FY 2019 Appropriated Base Air Force requested transfer from lines 42 (BA04 / 0604327F / Hard and Deeply Buried Target Defeat System (HDBTDS) Program), 86 (BA05 / 0604618F / Joint Direct Attack Munition), and 202 (BA07 / 0207325F / Joint Air-to-Surface Standoff Weapon (JASSM))		14,894 14,894				66,377 (66,377)		81,271
04	0604257F	Advanced Technology and Sensors FY 2019 Appropriated Base		34,585 34,585						34,585
04	0604288F	National Airborne Ops Center (NAOC) Recap FY 2019 Appropriated Base		9,740 9,740				-2,300		7,440
	2 /	Material solution analysis early to need						(-2,300)		
04	0604317F	Technology Transfer FY 2019 Appropriated Base		12,960 12,960				3,964		16,924
	1 /	Program increase - technology partnerships						(4,000)		
		FFRDC Reductions (Section 8024)						(-36)		
04	0604327F	Hard and Deeply Buried Target Defeat System (HDBTDS) Program FY 2019 Appropriated Base		71,501 71,501				-34,800		36,701
	2 /	Program excess						(-1,800)		
		Air Force requested transfer to line 38 (BA04 / 0604015F / Integrated Avionics Planning and Development)						(-33,000)		
04	0604414F	Cyber Resiliency of Weapon Systems-ACS FY 2019 Appropriated Base		62,618 62,618						62,618
	4 /	Cyberspace Activities FY19								
04	0604776F	Deployment & Distribution Enterprise R&D FY 2019 Appropriated Base		28,350 28,350				-386		27,964
		FFRDC Reductions (Section 8024)						(-386)		
04	0604004F	Advanced Engine Development FY 2019 Appropriated Base						720,355		720,355
	2 /	Adaptive Engine Transition Program unjustified growth						(-70,000)		
		Transfer from line 48 (BA04 / 0604858F / Tech Transition Program)						(790,355)		
04	0604032F	Directed Energy Prototyping FY 2019 Appropriated Base						50,000		50,000
	1 /	Program increase - directed energy prototyping						(50,000)		

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04	0604033F	Hypersonics Prototyping FY 2019 Appropriated Base						508,858		508,858
	1 /	Program increase - air-launched rapid response weapon						(50,500)		
	1 /	Program increase - hypersonic conventional strike weapon						(200,300)		
		Transfer from line 48 (BA04 / 0604858F / Tech Transition Program)						(258,058)		
04	0604858F	Tech Transition Program FY 2019 Appropriated Base		1,186,075				-1,018,798		167,277
	1 /	Program increase - competitively awarded technology transition initiatives		1,186,075				(10,000)		
	1 /	Program increase - health and logistics management technology						(5,000)		
	1 /	Program increase - alternative energy research						(5,000)		
	2 /	Program increase - laser coating removal technology						(10,000)		
		Transfer to lines 48A (BA04 / 0604004F / Advanced Engine Development) and 48B (BA04 / 0604033F / Hypersonics Prototyping)						(-1,048,413)		
		FFRDC Reductions (Section 8024)						(-385)		
04	0605230F	Ground Based Strategic Deterrent FY 2019 Appropriated Base		345,041				69,400		414,441
	1 /	Program increase - unfunded requirement		345,041				(69,400)		
04	0207110F	Next Generation Air Dominance FY 2019 Appropriated Base		503,997				-74,387		429,610
	2 /	Classified adjustment		503,997				(-70,000)		
		FFRDC Reductions (Section 8024)						(-4,387)		
04	0207455F	Three Dimensional Long-Range Radar (3DELRR) FY 2019 Appropriated Base		40,326				-15,470		24,856
	2 /	EMD unit funding excess to need		40,326				(-14,900)		
		FFRDC Reductions (Section 8024)						(-570)		
04	0208099F	Unified Platform (UP) FY 2019 Appropriated Base		29,800						29,800
				29,800						
04	0305236F	Common Data Link Executive Agent (CDL EA) FY 2019 Appropriated Base		41,880						41,880
				41,880						
04	0305601F	Mission Partner Environments FY 2019 Appropriated Base		10,074						10,074
				10,074						

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04	0306250F	Cyber Operations Technology Development FY 2019 Appropriated Base		253,825 253,825				-7,323		246,502
	2 /	Excess growth						(-5,000)		
		FFRDC Reductions (Section 8024)						(-2,323)		
	4 /	Cyberspace Activities FY19								
04	0306415F	Enabled Cyber Activities FY 2019 Appropriated Base		16,325 16,325						16,325
	4 /	Cyberspace Activities FY19								
04	0901410F	Contracting Information Technology System FY 2019 Appropriated Base		17,577 17,577						17,577
04	1203164F	NAVSTAR Global Positioning System (User Equipment) (SPACE) FY 2019 Appropriated Base		286,629 286,629				-33,795		252,834
	2 /	Increment 2 development funded in PL 115-41						(-30,000)		
		FFRDC Reductions (Section 8024)						(-3,795)		
04	1203710F	EO/IR Weather Systems FY 2019 Appropriated Base		7,940 7,940						7,940
04	1206422F	Weather System Follow-on FY 2019 Appropriated Base		138,052 138,052						138,052
04	1206425F	Space Situation Awareness Systems FY 2019 Appropriated Base		39,338 39,338				-5,868		33,470
	2 /	Insufficient justification						(-5,000)		
		FFRDC Reductions (Section 8024)						(-868)		
04	1206434F	Midterm Polar MILSATCOM System FY 2019 Appropriated Base		383,113 383,113						383,113
04	1206438F	Space Control Technology FY 2019 Appropriated Base		92,118 91,018				-472		91,646
		FFRDC Reductions (Section 8024)						(-472)		
		FY 2019 OCO (Title IX)		1,100						
04	1206730F	Space Security and Defense Program FY 2019 Appropriated Base		45,542 45,542						45,542
04	1206760F	Protected Tactical Enterprise Service (PTES) FY 2019 Appropriated Base		51,419 51,419				-5,000		46,419
	2 /	Schedule slip						(-5,000)		
04	1206761F	Protected Tactical Service (PTS) FY 2019 Appropriated Base		29,776 29,776				-150		29,626
		FFRDC Reductions (Section 8024)						(-150)		

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04	1206855F	Protected SATCOM Services (PSCS) - Aggregated FY 2019 Appropriated Base		29,379				-150		29,229
		FFRDC Reductions (Section 8024)		29,379				(-150)		
04	1206857F	Space Rapid Capabilities Office FY 2019 Appropriated Base		378,445				-80,000		298,445
		1 / Program increase - Project Blackjack		366,050				(25,000)		
		2 / Phasing - Solae Power Project Air Demonstration						(-105,000)		
		FY 2019 OCO (Title IX)		12,395						
Subtotal Budget Activity 04: Advanced Component Development and Prototypes				6,543,438				95,754		6,639,192
Budget Activity 05: System Development and Demonstration										
05	0604200F	Future Advanced Weapon Analysis & Programs FY 2019 Appropriated Base		39,602						39,602
				39,602						
05	0604201F	Integrated Avionics Planning and Development FY 2019 Appropriated Base		58,531				-11,800		46,731
		2 / EGI-M delays		58,531				(-11,800)		
05	0604222F	Nuclear Weapons Support FY 2019 Appropriated Base		4,468						4,468
				4,468						
05	0604270F	Electronic Warfare Development FY 2019 Appropriated Base		1,909						1,909
				1,909						
05	0604281F	Tactical Data Networks Enterprise FY 2019 Appropriated Base		207,746				62,269		270,015
		1 / Program increase - accelerate 21st century battle management command and control		207,746				(50,000)		
		Air Force requested transfer from line 110 (BA05 / 0207423F / Advanced Communications Systems)						(14,888)		
		FFRDC Reductions (Section 8024)						(-2,619)		
05	0604287F	Physical Security Equipment FY 2019 Appropriated Base		14,421						14,421
				14,421						
05	0604329F	Small Diameter Bomb (SDB) - EMD FY 2019 Appropriated Base		73,158				4,933		78,091
		1 / Program increase - precise navigation		73,158				(5,000)		
		FFRDC Reductions (Section 8024)						(-67)		
05	0604429F	Airborne Electronic Attack FY 2019 Appropriated Base		7,153				-1,000		6,153
		2 / Excess growth		7,153				(-1,000)		
05	0604602F	Armament/Ordnance Development FY 2019 Appropriated Base		58,590				-9,000		49,590
		2 / JAGM-F excess to need		58,590				(-9,000)		

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05	0604604F	Submunitions		2,990						2,990
		FY 2019 Appropriated Base		2,990						
05	0604617F	Agile Combat Support		20,028				3,461		23,489
		FY 2019 Appropriated Base		20,028						
	1 /	Program increase - explosion resistant window technology						(3,500)		
		FFRDC Reductions (Section 8024)						(-39)		
05	0604618F	Joint Direct Attack Munition		15,787				-15,787		
		FY 2019 Appropriated Base		15,787						
		Air Force requested transfer to line 38 (BA04 / 0604015F / Integrated Avionics Planning and Development)						(-15,787)		
05	0604706F	Life Support Systems		8,919						8,919
		FY 2019 Appropriated Base		8,919						
05	0604735F	Combat Training Ranges		35,895				8,000		43,895
		FY 2019 Appropriated Base		35,895						
	1 /	Program increase - F-35 advanced threat simulator						(8,000)		
05	0604800F	F-35 - EMD		69,001						69,001
		FY 2019 Appropriated Base		69,001						
05	0604932F	Long Range Standoff Weapon		614,920				50,000		664,920
		FY 2019 Appropriated Base		614,920						
	1 /	Program increase - unfunded requirement						(50,000)		
05	0604933F	ICBM Fuze Modernization		172,902				-5,243		167,659
		FY 2019 Appropriated Base		172,902						
		FFRDC Reductions (Section 8024)						(-5,243)		
05	0605221F	KC-46		88,170				-8,000		80,170
		FY 2019 Appropriated Base		88,170						
	2 /	Forward financed						(-8,000)		
05	0605223F	Advanced Pilot Training		265,465				-20,000		245,465
		FY 2019 Appropriated Base		265,465						
	2 /	Excess to need						(-20,000)		
05	0605229F	Combat Rescue Helicopter		457,652				-12,000		445,652
		FY 2019 Appropriated Base		457,652						
	2 /	Development funding excess to need						(-12,000)		
05	0605830F	Acq Workforce- Global Battle Mgmt		3,617						3,617
		FY 2019 Appropriated Base		3,617						
05	0605931F	B-2 Defensive Management System		261,758				-8,500		253,258
		FY 2019 Appropriated Base		261,758						
	2 /	Forward financing						(-8,500)		

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05	0101125F	Nuclear Weapons Modernization FY 2019 Appropriated Base		91,907				-10,315		81,592
	2 /	Test support excess to need		91,907				(-3,500)		
		FFRDC Reductions (Section 8024)						(-6,815)		
05	0207171F	F-15 EPAWSS FY 2019 Appropriated Base		137,095						137,095
05	0207328F	Stand In Attack Weapon FY 2019 Appropriated Base		137,095				-28,200		14,975
	2 /	Excess to need		43,175				(-28,200)		
05	0207423F	Advanced Communications Systems FY 2019 Appropriated Base		14,888				-14,888		
		Air Force requested transfer to line 75 (BA05 / 0604218F / Tactical Data Networks Enterprise)		14,888				(-14,888)		
05	0207701F	Full Combat Mission Training FY 2019 Appropriated Base		1,015						1,015
05	0401310F	C-32 Executive Transport Recapitalization FY 2019 Appropriated Base		7,943						7,943
05	0401319F	Presidential Aircraft Recapitalization (PAR) FY 2019 Appropriated Base		7,943				-15,100		657,932
	2 /	EMD hot start unjustified		673,032				(-5,100)		
	2 /	EMD funding unjustified						(-10,000)		
05	0701212F	Automated Test Systems FY 2019 Appropriated Base		13,653						13,653
05	1203176F	Combat Survivor Evader Locator FY 2019 Appropriated Base		13,653						939
05	1203269F	GPS IIIC FY 2019 Appropriated Base		939				-25,000		426,889
	2 /	Insufficient justification		451,889				(-25,000)		
05	1203940F	Space Situation Awareness Operations FY 2019 Appropriated Base		451,889				-653		46,015
		FFRDC Reductions (Section 8024)		46,668				(-653)		
05	1206421F	Counterspace Systems FY 2019 Appropriated Base		20,676				-434		20,242
		FFRDC Reductions (Section 8024)		20,676				(-434)		
05	1206425F	Space Situation Awareness Systems FY 2019 Appropriated Base		134,463						134,463
				134,463						

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05	1206426F	Space Fence FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		20,215 20,215				-790 (-790)		19,425
05	1206431F	Advanced EHF MILSATCOM (SPACE) FY 2019 Appropriated Base 2 / Insufficient justification FFRDC Reductions (Section 8024)		151,506 151,506				-6,753 (-5,000) (-1,753)		144,753
05	1206432F	Polar MILSATCOM (SPACE) FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		27,337 27,337				-957 (-957)		26,380
05	1206433F	Wideband Global SATCOM (SPACE) FY 2019 Appropriated Base		3,970 3,970						3,970
05	1206445F	Commercial SATCOM FY 2019 Appropriated Base Commercial Satellite Communications - transfer from SP, AF line 5 (BA01 / GAP000 / Wideband Gapfiller Satellites)						49,500 (49,500)		49,500
05	1206441F	Space Based Infrared System (SBIRS) High EMD FY 2019 Appropriated Base		60,565 60,565						60,565
05	1206442F	Evolved SBIRS FY 2019 Appropriated Base Next Generation OPIR - transfer to line 129A (BA05 / 1206442F / Next-Generation OPIR)		643,126 643,126				-643,126 (-643,126)		
05	1206442F	Next-Generation OPIR FY 2019 Appropriated Base Transfer from line 129 (BA05 / 1206442F / Evolved SBIRS)						643,126 (643,126)		643,126
05	1206853F	Evolved Expendable Launch Vehicle Program (SPACE) - EMD FY 2019 Appropriated Base 1 / Program increase FFRDC Reductions (Section 8024)		245,447 245,447				197,588 (200,000) (-2,412)		443,035
Subtotal Budget Activity 05: System Development and Demonstration				5,272,191				181,332		5,453,523
Budget Activity 06: Management Support										
06	0604256F	Threat Simulator Development FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		34,256 34,256				-50 (-50)		34,206

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a			Quantity b	Amount c	Quantity d	Amount e	Quantity f	Amount g	Quantity h	Amount i
06	0604759F	Major T&E Investment FY 2019 Appropriated Base		91,844 91,844				125,000		216,844
	1 /	Program increase						(95,000)		
	1 /	Program increase - Eastern Gulf test and training range						(10,000)		
	1 /	Program increase - instrumentation technology						(10,000)		
	1 /	Program increase - UAV electronic warfare capabilities						(5,000)		
	1 /	Program increase - avionics cyber range						(5,000)		
	4 /	Cyberspace Activities FY19								
06	0605101F	RAND Project Air Force FY 2019 Appropriated Base		34,614 34,614						34,614
06	0605712F	Initial Operational Test & Evaluation FY 2019 Appropriated Base		18,043 18,043						18,043
06	0605807F	Test and Evaluation Support FY 2019 Appropriated Base		692,784 692,784						692,784
	4 /	Cyberspace Activities FY19								
06	0605826F	Acq Workforce- Global Power FY 2019 Appropriated Base		233,924 233,924				-6,100		227,824
	2 /	Unjustified growth						(-6,100)		
06	0605827F	Acq Workforce- Global Vig & Combat Sys FY 2019 Appropriated Base		263,488 263,488				-6,871		256,617
	2 /	Unjustified growth						(-6,871)		
06	0605828F	Acq Workforce- Global Reach FY 2019 Appropriated Base		153,591 153,591				-4,005		149,586
	2 /	Unjustified growth						(-4,005)		
06	0605829F	Acq Workforce- Cyber, Network, & Bus Sys FY 2019 Appropriated Base		232,315 232,315				-6,058		226,257
	2 /	Unjustified growth						(-6,058)		
06	0605830F	Acq Workforce- Global Battle Mgmt FY 2019 Appropriated Base		169,868 169,868				-4,430		165,438
	2 /	Unjustified growth						(-4,430)		
06	0605831F	Acq Workforce- Capability Integration FY 2019 Appropriated Base		226,219 226,219				-5,899		220,320
	2 /	Unjustified growth						(-5,899)		
06	0605832F	Acq Workforce- Advanced Prgm Technology FY 2019 Appropriated Base		38,400 38,400				-1,001		37,399
	2 /	Unjustified growth						(-1,001)		

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06	0605833F	Acq Workforce- Nuclear Systems FY 2019 Appropriated Base		125,761 125,761				-3,280		122,481
	2 /	Unjustified growth						(-3,280)		
06	0605898F	Management HQ - R&D FY 2019 Appropriated Base		10,642 10,642				-278		10,364
	2 /	Unjustified growth						(-278)		
06	0605976F	Facilities Restoration and Modernization - Test and Evaluation Support FY 2019 Appropriated Base		162,216 162,216				25,000		187,216
	1 /	Program increase						(25,000)		
06	0605978F	Facilities Sustainment - Test and Evaluation Support FY 2019 Appropriated Base		28,888 28,888						28,888
06	0606017F	Requirements Analysis and Maturation FY 2019 Appropriated Base		35,285 35,285				12,784		48,069
	1 /	Program increase - nuclear modernization analytics						(8,000)		
	1 /	Program increase - nuclear deterrence research						(5,000)		
		FFRDC Reductions (Section 8024)						(-216)		
06	0308602F	ENTEPRISE INFORMATION SERVICES (EIS) FY 2019 Appropriated Base		20,545 20,545				-110		20,435
		FFRDC Reductions (Section 8024)						(-110)		
06	0702806F	Acquisition and Management Support FY 2019 Appropriated Base		12,367 12,367						12,367
06	0804731F	General Skill Training FY 2019 Appropriated Base		1,448 1,448				-1,000		448
	2 /	Historical under execution						(-1,000)		
06	1001004F	International Activities FY 2019 Appropriated Base		3,998 3,998						3,998
06	1206116F	Space Test and Training Range Development FY 2019 Appropriated Base		23,254 23,254				-97		23,157
		FFRDC Reductions (Section 8024)						(-97)		

Base for Reprogramming Actions

(Dollars in Thousands)

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Research, Development, Test, and Evaluation, Air Force , 2019/2020 (3600F)**2019**

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06	1206392F	Space and Missile Center (SMC) Civilian Workforce FY 2019 Appropriated Base		169,912						169,912
06	1206398F	Space & Missile Systems Center - MHA FY 2019 Appropriated Base		10,508						10,508
06	1206860F	Rocket Systems Launch Program (SPACE) FY 2019 Appropriated Base		19,721						19,721
06	1206864F	Space Test Program (STP) FY 2019 Appropriated Base		25,620						25,620
Subtotal Budget Activity 06: Management Support				2,839,511				123,606		2,963,117
Budget Activity 07: Operational System Development										
07	0604003F	Advanced Battle Management System FY 2019 Appropriated Base						27,883		27,883
	1 /	Program increase - continue GMTI radar development FFRDC Reductions (Section 8024)						(30,000) (-2,117)		
07	0604233F	Specialized Undergraduate Flight Training FY 2019 Appropriated Base		11,344						11,344
07	0605018F	AF Integrated Personnel and Pay System (AF-IPPS) FY 2019 Appropriated Base		47,287				-6,229		41,058
	2 /	Management services excess to need FFRDC Reductions (Section 8024)						(-6,185) (-44)		
07	0605024F	Anti-Tamper Technology Executive Agency FY 2019 Appropriated Base		32,770						32,770
07	0605117F	Foreign Materiel Acquisition and Exploitation FY 2019 Appropriated Base		68,368						68,368
07	0605278F	HC/MC-130 Recap RDT&E FY 2019 Appropriated Base		32,574				-16,400		16,174
	2 /	Block 8.1 program delays						(-16,400)		
07	0606018F	NC3 Integration FY 2019 Appropriated Base		26,112				-6,800		19,312
	2 /	Unjustified growth in direct mission support						(-6,800)		

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07	0606942F	Assessments and Evaluations Cyber Vulnerabilities FY 2019 Appropriated Base		99,100 99,100				-11,300		87,800
	2 /	Unjustified growth in infrastructure assessments						(-11,300)		
07	0101113F	B-52 Squadrons FY 2019 Appropriated Base		280,414 280,414				44,850		325,264
	2 /	B-52 re-engine - delayed new start						(-2,600)		
		Crypto mod - Air Force requested transfer from AP,AF line 21 (BA05 / B05200 / B-52)						(12,000)		
		Tactical Data Link - Air Force requested transfer from AP,AF line 21 (BA05 / B05200 / B-52)						(1,450)		
		FY 2019 OCO (Title IX)								
	1 /	Program increase -B-52 infrared threat defense UON						(24,000)		
	1 /	Program increase - B-52 mission data recorder						(10,000)		
07	0101122F	Air-Launched Cruise Missile (ALCM) FY 2019 Appropriated Base		5,955 5,955						5,955
07	0101126F	B-1B Squadrons FY 2019 Appropriated Base		76,030 76,030				-15,735		60,295
	2 /	Fully integrated targeting pod excess to need						(-13,300)		
	2 /	MID-JTRS delayed new start						(-2,435)		
07	0101127F	B-2 Squadrons FY 2019 Appropriated Base		105,561 105,561				-54		105,508
		FFRDC Reductions (Section 8024)						(-54)		
07	0101213F	Minuteman Squadrons FY 2019 Appropriated Base		156,047 156,047				-1,314		154,733
	2 /	FRBP SLEP - program under reassessment						(-814)		
	2 /	Ground test upgrade program descope						(-500)		
07	0101316F	Worldwide Joint Strategic Communications FY 2019 Appropriated Base		10,442 10,442				8,000		18,442
	1 /	Program increase - NC3 architecture						(8,000)		
07	0101324F	Integrated Strategic Planning & Analysis Network FY 2019 Appropriated Base		22,833 22,833						22,833
07	0101328F	ICBM Reentry Vehicles FY 2019 Appropriated Base		18,412 18,412				-4,245		14,167
	2 /	Excess to need						(-4,245)		
07	0102110F	UH-1N Replacement Program FY 2019 Appropriated Base		288,022 288,022				-30,000		258,022
	2 /	Program delay						(-30,000)		
07	0102326F	Region/Sector Operation Control Center Modernization Program FY 2019 Appropriated Base		9,252 9,252				-3,140		6,112
	2 /	Under execution						(-3,000)		
		FFRDC Reductions (Section 8024)						(-140)		

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07	0205219F	MQ-9 UAV		119,845				-11,000		108,845
		FY 2019 Appropriated Base		115,345						
	2 /	Program excess						(-11,000)		
		FY 2019 OCO (Title IX)		4,500						
07	0205671F	Joint Counter RCIED Electronic Warfare		4,000						4,000
		FY 2019 OCO (Title IX)		4,000						
07	0207131F	A-10 Squadrons		27,738						27,738
		FY 2019 Appropriated Base		26,738						
		FY 2019 OCO (Title IX)		1,000						
07	0207133F	F-16 Squadrons		191,564				-5,700		185,864
		FY 2019 Appropriated Base		191,564						
	2 /	Communications suite upgrade early to need						(-5,700)		
07	0207134F	F-15E Squadrons		192,883				10,300		203,183
		FY 2019 Appropriated Base		192,883						
	1 /	Program increase - electronic warfare warning set						(50,000)		
	2 /	SLEP wings delayed new start						(-4,700)		
	2 /	OFP excess to need						(-35,000)		
07	0207136F	Manned Destructive Suppression		15,238						15,238
		FY 2019 Appropriated Base		15,238						
07	0207138F	F-22A Squadrons		603,553				-18,810		584,743
		FY 2019 Appropriated Base		603,553						
	2 /	Navigation systems program delay						(-15,100)		
		FFRDC Reductions (Section 8024)						(-3,710)		
07	0207142F	F-35 Squadrons		549,501				-45,573		503,928
		FY 2019 Appropriated Base		549,501						
	2 /	ECASE excess growth						(-14,399)		
	2 /	Developmental foundation excess growth						(-25,006)		
	2 /	Fixed JPO costs excess growth						(-6,168)		
07	0207161F	Tactical AIM Missiles		37,230						37,230
		FY 2019 Appropriated Base		37,230						
07	0207163F	Advanced Medium Range Air-to-Air Missile (AMRAAM)		61,393				-4,100		57,293
		FY 2019 Appropriated Base		61,393						
	2 /	SIP 4 early to need						(-4,100)		
07	0207227F	Combat Rescue - Pararescue		647						647
		FY 2019 Appropriated Base		647						
07	0207249F	Precision Attack Systems Procurement		14,891						14,891
		FY 2019 Appropriated Base		14,891						
07	0207253F	Compass Call		13,901				30,000		43,901
		FY 2019 Appropriated Base		13,901						
	1 /	Program increase - baseline acceleration						(30,000)		

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(Dollars in Thousands)

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07	0207268F	Aircraft Engine Component Improvement Program FY 2019 Appropriated Base		121,203						121,203
07	0207325F	Joint Air-to-Surface Standoff Missile (JASSM) FY 2019 Appropriated Base		121,203 60,062 60,062				-17,590		42,472
		Air Force requested transfer to line 38 (BA04 / 0604015F / Integrated Avionics Planning and Development)						(-17,590)		
07	0207410F	Air & Space Operations Center (AOC) FY 2019 Appropriated Base		106,102 106,102				-1,148		104,954
		FFRDC Reductions (Section 8024)						(-1,148)		
07	0207412F	Control and Reporting Center (CRC) FY 2019 Appropriated Base		6,413 6,413						6,413
07	0207417F	Airborne Warning and Control System (AWACS) FY 2019 Appropriated Base		120,664 120,664				-8,384		112,280
	1 /	Program increase - accelerate 21st century battle management command and control						(10,000)		
	2 /	Electronic protection program delay/change in acquisition strategy						(-17,280)		
		FFRDC Reductions (Section 8024)						(-1,104)		
07	0207418F	Tactical Airborne Control Systems FY 2019 Appropriated Base		2,659 2,659						2,659
07	0207431F	Combat Air Intelligence System Activities FY 2019 Appropriated Base		10,316 10,316						10,316
07	0207444F	Tactical Air Control Party-Mod FY 2019 Appropriated Base		6,149 6,149						6,149
07	0207448F	C2ISR Tactical Data Link FY 2019 Appropriated Base		1,738 1,738				-1,200		538
	2 /	Under execution						(-1,200)		
07	0207452F	DCAPES FY 2019 Appropriated Base		13,297 13,297				-49		13,248
		FFRDC Reductions (Section 8024)						(-49)		
07	0207573F	National Technical Nuclear Forensics FY 2019 Appropriated Base		1,788 1,788						1,788
07	0207581F	Joint Surveillance/Target Attack Radar System (JSTARS) FY 2019 Appropriated Base		14,888 14,888				-14,888		
		Air Force requested transfer to AP,AF line 59 (BA05 / E00800 / E-8) for common data link						(-14,888)		
07	0207590F	Seek Eagle FY 2019 Appropriated Base		24,699 24,699						24,699
07	0207601F	USAF Modeling and Simulation FY 2019 Appropriated Base		17,078 17,078						17,078

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07	0207605F	War gaming and Simulation Centers FY 2019 Appropriated Base		6,141 6,141						6,141
07	0207610F	Battlefield Abn Comm Node (BACN) FY 2019 OCO (Title IX)		42,349 42,349						42,349
07	0207697F	Distributed Training and Exercises FY 2019 Appropriated Base		4,225 4,225				-400		3,825
	2 /	Under execution						(-400)		
07	0208006F	Mission Planning Systems FY 2019 Appropriated Base		63,653 63,653				-579		63,074
		FFRDC Reductions (Section 8024)						(-579)		
07	0208007F	Tactical Deception FY 2019 Appropriated Base		6,949 6,949						6,949
07	0208087F	AF Offensive Cyberspace Operations FY 2019 Appropriated Base		40,526 40,526				-358		40,168
		FFRDC Reductions (Section 8024)						(-358)		
	4 /	Cyberspace Activities FY19								
07	0208088F	AF Defensive Cyberspace Operations FY 2019 Appropriated Base		24,166 24,166				14,221		38,387
	1 /	Program increase - internet of things protective technologies						(7,500)		
	1 /	Program increase - transportation cyber research						(7,500)		
		FFRDC Reductions (Section 8024)						(-779)		
	4 /	Cyberspace Activities FY19								
07	0208097F	Joint Cyber Command and Control (JCC2) FY 2019 Appropriated Base		13,000 13,000						13,000
07	0208099F	Unified Platform (UP) FY 2019 Appropriated Base		28,759 28,759				-2,200		26,559
	2 /	Lack of justification on foundational efforts						(-2,200)		
07	0208288F	Intel Data Applications FY 2019 OCO (Title IX)		1,200 1,200						1,200
07	0301017F	Global Sensor Integrated on Network (GSIN) FY 2019 Appropriated Base		3,579 3,579						3,579
07	0301112F	Nuclear Planning and Execution System (NPES) FY 2019 Appropriated Base		29,620 29,620						29,620
07	0301401F	Air Force Space and Cyber Non-Traditional ISR for Battlespace Awareness FY 2019 Appropriated Base		6,633 6,633						6,633

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07	0302015F	E-4B National Airborne Operations Center (NAOC) FY 2019 Appropriated Base		57,758						57,758
07	0303131F	Minimum Essential Emergency Communications Network (MEECN) FY 2019 Appropriated Base		99,088				-34,545		64,543
	2 /	Unjustified growth in GASNT Increment 2 FFRDC Reductions (Section 8024)		99,088				(-32,000) (-2,545)		
07	0303133F	High Frequency Radio Systems FY 2019 Appropriated Base		51,612						51,612
07	0303140F	Information Systems Security Program FY 2019 Appropriated Base		34,612				-633		33,979
	4 /	FFRDC Reductions (Section 8024) Cyberspace Activities FY19		34,612				(-633)		
07	0303142F	Global Force Management - Data Initiative FY 2019 Appropriated Base		2,170						2,170
07	0304260F	Airborne SIGINT Enterprise FY 2019 Appropriated Base		106,873				3,000		109,873
	1 /	Program increase - SIGINT sensor development		106,873				(3,000)		
07	0304310F	Commercial Economic Analysis FY 2019 Appropriated Base		3,472						3,472
07	0305015F	C2 Air Operations Suite - C2 Info Services FY 2019 Appropriated Base		8,608						8,608
07	0305020F	CCMD Intelligence Information Technology FY 2019 Appropriated Base		1,586						1,586
07	0305099F	Global Air Traffic Management (GATM) FY 2019 Appropriated Base		4,492				-386		4,106
		FFRDC Reductions (Section 8024)		4,492				(-386)		
07	0305111F	Weather Service FY 2019 Appropriated Base		29,942				4,673		34,615
	1 /	Program increase - commercial weather data pilot FFRDC Reductions (Section 8024)		26,942				(5,000) (-327)		
		FY 2019 OCO (Title IX)		3,000						
07	0305114F	Air Traffic Control, Approach, and Landing System (ATCALs) FY 2019 Appropriated Base		6,271				7,000		13,271
	1 /	Program increase - infill radars		6,271				(2,000)		
	1 /	Program increase - air traffic management of UAS operations						(5,000)		
07	0305116F	Aerial Targets FY 2019 Appropriated Base		8,383				-1,700		6,683
	2 /	EA pods under execution		8,383				(-1,700)		

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07	0305128F	Security and Investigative Activities		418						418
		FY 2019 Appropriated Base		418						
07	0305145F	Arms Control Implementation						21,374		21,374
		FY 2019 Appropriated Base								
		OC-135 recap integration and risk reduction - transfer from AP,AF line 3 (BA01 / C135B0 / C-135B)						(21,374)		
07	0305146F	Defense Joint Counterintelligence Activities		3,845						3,845
		FY 2019 Appropriated Base		3,845						
07	0305202F	Dragon U-2		70,618				17,000		87,618
		FY 2019 Appropriated Base		48,518						
	1 /	Program increase - sensor development						(17,000)		
		FY 2019 OCO (Title IX)		22,100						
07	0305205F	Endurance Unmanned Aerial Vehicles						15,000		15,000
		FY 2019 Appropriated Base								
	1 /	Program increase - ultra-long endurance aircraft						(15,000)		
07	0305206F	Airborne Reconnaissance Systems		175,334				20,000		195,334
		FY 2019 Appropriated Base		175,334						
	1 /	Program increase - wide area surveillance						(10,000)		
	1 /	Program increase - sensor open system architecture						(10,000)		
07	0305207F	Manned Reconnaissance Systems		14,223						14,223
		FY 2019 Appropriated Base		14,223						
07	0305208F	Distributed Common Ground/Surface Systems		54,054						54,054
		FY 2019 Appropriated Base		24,554						
		FY 2019 OCO (Title IX)		29,500						
07	0305220F	RQ-4 UAV		221,690						221,690
		FY 2019 Appropriated Base		221,690						
07	0305221F	Network-Centric Collaborative Targeting		14,288						14,288
		FY 2019 Appropriated Base		14,288						
07	0305238F	NATO AGS		51,527						51,527
		FY 2019 Appropriated Base		51,527						
07	0305240F	Support to DCGS Enterprise		26,579						26,579
		FY 2019 Appropriated Base		26,579						
07	0305600F	International Intelligence Technology and Architectures		8,464						8,464
		FY 2019 Appropriated Base		8,464						
07	0305881F	Rapid Cyber Acquisition		4,303						4,303
		FY 2019 Appropriated Base		4,303						
	4 /	Cyberspace Activities FY19								
07	0305984F	Personnel Recovery Command & Ctrl (PRC2)		2,466						2,466
		FY 2019 Appropriated Base		2,466						
07	0307577F	Intelligence Mission Data (IMD)		4,117						4,117
		FY 2019 Appropriated Base		4,117						

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07	0401115F	C-130 Airlift Squadron		105,988						105,988
		FY 2019 Appropriated Base		105,988						
07	0401119F	C-5 Airlift Squadrons (IF)		25,071						25,071
		FY 2019 Appropriated Base		25,071						
07	0401130F	C-17 Aircraft (IF)		48,299						48,299
		FY 2019 Appropriated Base		48,299						
07	0401132F	C-130J Program		15,409						15,409
		FY 2019 Appropriated Base		15,409						
07	0401134F	Large Aircraft IR Countermeasures (LAIRCM)		4,334						4,334
		FY 2019 Appropriated Base		4,334						
07	0401218F	KC-135s		3,493						3,493
		FY 2019 Appropriated Base		3,493						
07	0401219F	KC-10s		6,569						6,569
		FY 2019 Appropriated Base		6,569						
07	0401314F	Operational Support Airlift		3,172						3,172
		FY 2019 Appropriated Base		3,172						
07	0401318F	CV-22		18,502				-2,000		16,502
		FY 2019 Appropriated Base		18,502						
	2 /	IIS delays						(-2,000)		
07	0401840F	AMC Command and Control System		1,688						1,688
		FY 2019 Appropriated Base		1,688						
07	0408011F	Special Tactics / Combat Control		2,541				-108		2,433
		FY 2019 Appropriated Base		2,541						
		FFRDC Reductions (Section 8024)						(-108)		
07	0702207F	Depot Maintenance (Non-IF)		1,897						1,897
		FY 2019 Appropriated Base		1,897						
07	0708055F	Maintenance, Repair & Overhaul System		50,933						50,933
		FY 2019 Appropriated Base		50,933						
07	0708610F	Logistics Information Technology (LOGIT)		13,787				-308		13,479
		FY 2019 Appropriated Base		13,787						
		FFRDC Reductions (Section 8024)						(-308)		
07	0708611F	Support Systems Development		4,497						4,497
		FY 2019 Appropriated Base		4,497						
07	0804743F	Other Flight Training		2,022						2,022
		FY 2019 Appropriated Base		2,022						
07	0808716F	Other Personnel Activities		108						108
		FY 2019 Appropriated Base		108						
07	0901202F	Joint Personnel Recovery Agency		2,023						2,023
		FY 2019 Appropriated Base		2,023						

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07	0901218F	Civilian Compensation Program FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		3,772 3,772				-211 (-211)		3,561
07	0901220F	Personnel Administration FY 2019 Appropriated Base		6,358 6,358				-2,100 (-2,100)		4,258
	2 /	Under execution								
07	0901226F	Air Force Studies and Analysis Agency FY 2019 Appropriated Base		1,418 1,418						1,418
07	0901538F	Financial Management Information Systems Development FY 2019 Appropriated Base		99,734 99,734				-6,316 (-5,900)		93,418
	2 /	Increment 2 excess to need FFRDC Reductions (Section 8024)						(-416)		
07	1201921F	Service Support to STRATCOM - Space Activities FY 2019 Appropriated Base		14,161 14,161						14,161
07	1202247F	AF TENCAP FY 2019 Appropriated Base FY 2019 OCO (Title IX)		31,986 26,986 5,000						31,986
07	1203001F	Family of Advanced BLoS Terminals (FAB-T) FY 2019 Appropriated Base		80,168 80,168				-20,000 (-20,000)		60,168
	2 /	FET terminals early to need								
07	1203110F	Satellite Control Network (SPACE) FY 2019 Appropriated Base		17,808 17,808				8,632 (10,000)		26,440
	1 /	Program increase - commercial augmentation service FFRDC Reductions (Section 8024)						(-1,368)		
07	1203165F	NAVSTAR Global Positioning System (Space and Control Segments) FY 2019 Appropriated Base		8,937 8,937						8,937
07	1203173F	Space and Missile Test and Evaluation Center FY 2019 Appropriated Base		59,935 59,935				20,000 (20,000)		79,935
	1 /	Program increase								
07	1203174F	Space Innovation, Integration and Rapid Technology Development FY 2019 Appropriated Base		21,019 21,019						21,019
07	1203179F	Integrated Broadcast Service (IBS) FY 2019 Appropriated Base		8,568 8,568						8,568
07	1203182F	Space lift Range System (SPACE) FY 2019 Appropriated Base		10,641 10,641				9,527 (10,000)		20,168
	1 /	Space launch range services and capability FFRDC Reductions (Section 8024)						(-473)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Air Force , 2019/2020 (3600F)

2019

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	1203265F	GPS III Space Segment FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		144,543 144,543				-2,651 (-2,651)		141,892
07	1203400F	Space Superiority Intelligence FY 2019 Appropriated Base		16,278 16,278						16,278
07	1203614F	JSpOC Mission System FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		72,256 72,256				-1,873 (-1,873)		70,383
07	1203620F	National Space Defense Center FY 2019 Appropriated Base		42,209 42,209				13,100		55,309
	1 /	Program increase						(13,100)		
07	1203913F	NUDET Detection System (SPACE) FY 2019 Appropriated Base		19,778 19,778						19,778
07	1203940F	Space Situation Awareness Operations FY 2019 Appropriated Base		19,572 19,572						19,572
07	1206423F	Global Positioning System III - Operational Control Segment FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		513,235 513,235				-3,977 (-3,977)		509,258
07	XXXXXXXXF	Classified Programs FY 2019 Appropriated Base		16,722,251 16,534,124				299,063		17,021,314
	1 /	Classified adjustment						(325,400)		
	2 /	Classified adjustment		188,127				(-26,337)		
Subtotal Budget Activity 07: Operational System Development				23,192,516				269,620		23,462,136
Grand Total Research, Development, Test, and Evaluation, Air Force , 2019/2020				40,492,614				996,003		41,488,617
Financing										
		APPROPRIATION, P.L. 115-245 (Base)		40,178,343				1,051,132		41,229,475
		APPROPRIATION, P.L. 115-245 (OCO)		314,271				7,663		321,934
		FFRDC Reductions (Section 8024)						-62,792		
		Subtotal General Provision Reductions								-62,792
TOTAL FINANCING - FY 2019 PROGRAM				40,492,614				996,003		41,488,617

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Research, Development, Test, and Evaluation, Air Force , 2019/2020 (3600F)

Fiscal Year Program:

2019

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								

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 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.
- 5 / This item reflects a technical adjustment to realign funding to the correct budget line for proper execution. The \$12,000,000 congressional add is realigned from Budget Activity 02 (PE 0602203F Aerospace Propulsion) to Budget Activity 02 (PE 1206601F Space Technology).
- 6 / This item reflects a technical adjustment to realign funding to the correct budget line for proper execution. The \$12,000,000 congressional add is realigned from Budget Activity 02 (PE 0602203F Aerospace Propulsion) to Budget Activity 02 (PE 1206601F Space Technology).
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 , 2019/2019 (0100D)						2019		
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
Civil Military Programs								
Budget Activity 04: Administration and Servicewide Activities								
FY 2019 Appropriated Base		166,131				70,250		236,381
1 / Program increase - Innovative Readiness Training		166,131				(10,000)		
1 / Program increase - National Guard Youth Challenge						(30,677)		
1 / Program increase - STARBASE						(30,000)		
Across-The-Board Reduction: Historical Underexecution						(-427)		
Subtotal Budget Activity 04: Administration and Servicewide Activities		166,131				70,250		236,381
Subtotal Civil Military Programs		166,131				70,250		236,381
Classified Programs								
Budget Activity 04: Administration and Servicewide Activities								
FY 2019 Appropriated Base		17,590,005				-529,653		17,060,352
Transfer to X-year for Classified Activities		15,645,192				(-19,160)		
FFRDC Reductions (Section 8024)						(-151)		
3 / Fuel Increase (Section 8118)						(160)		
Across-The-Board Reduction: Historical Underexecution						(-40,117)		
2 / Classified adjustment						(-462,485)		
FY 2019 OCO (Title IX)		1,944,813						
2 / Classified adjustment						(-7,900)		
Subtotal Budget Activity 04: Administration and Servicewide Activities		17,590,005				-529,653		17,060,352
Subtotal Classified Programs		17,590,005				-529,653		17,060,352
Defense Acquisition University								
Budget Activity 03: Training and Recruiting								
FY 2019 Appropriated Base		181,601				-471		181,130
2 / FFRDC Reductions (Section 8024)		181,601				(-5)		
Across-The-Board Reduction: Historical Underexecution						(-466)		
Subtotal Budget Activity 03: Training and Recruiting		181,601				-471		181,130
Subtotal Defense Acquisition University		181,601				-471		181,130

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)**2019**

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 Audit Agency								
Budget Activity 04: Administration and Servicewide Activities		627,414				-1,606		625,808
FY 2019 Appropriated Base		625,633						
Across-The-Board Reduction: Historical Underexecution						(-1,606)		
FY 2019 OCO (Title IX)		1,781						
Subtotal Budget Activity 04: Administration and Servicewide Activities		627,414				-1,606		625,808
Subtotal Defense Contract Audit Agency		627,414				-1,606		625,808
Defense Contract Management Agency								
Budget Activity 04: Administration and Servicewide Activities		1,487,077				-24,135		1,462,942
FY 2019 Appropriated Base		1,465,354						
2 / PCS excess growth						(-932)		
2 / Personnel excess growth						(-3,441)		
2 / Unjustified growth						(-16,000)		
Across-The-Board Reduction: Historical Underexecution						(-3,762)		
FY 2019 OCO (Title IX)		21,723						
Subtotal Budget Activity 04: Administration and Servicewide Activities		1,487,077				-24,135		1,462,942
Subtotal Defense Contract Management Agency		1,487,077				-24,135		1,462,942
Defense Human Resource Activities								
Budget Activity 04: Administration and Servicewide Activities		859,923				31,456		891,379
FY 2019 Appropriated Base		859,923						
1 / Program increase - Beyond the Yellow Ribbon						(20,000)		
1 / Program increase - Defense critical language and culture program						(6,000)		
1 / Program increase - Special Victims' Counsel						(35,000)		
2 / Fiscal year 2018 decrease not properly accounted						(-20,000)		
2 / Unjustified growth						(-6,480)		
Across-The-Board Reduction: Historical Underexecution						(-2,208)		
FFRDC Reductions (Section 8024)						(-856)		
Subtotal Budget Activity 04: Administration and Servicewide Activities		859,923				31,456		891,379
Subtotal Defense Human Resource Activities		859,923				31,456		891,379

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)**2019**

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		2,218,632				-60,496		2,158,136
FY 2019 Appropriated Base		2,106,930						
1 / Program increase - joint regional security stack						(2,500)		
2 / NBIS unjustified growth						(-36,200)		
2 / DISA transfer to RDTE,DW - Fed Invest Serv Info Tech						(-16,000)		
2 / Excess growth						(-1,935)		
2 / Overestimation of need						(-2,000)		
Across-The-Board Reduction: Historical Underexecution						(-5,410)		
FFRDC Reductions (Section 8024)						(-1,451)		
FY 2019 OCO (Title IX)		111,702						
Subtotal Budget Activity 04: Administration and Servicewide Activities		2,218,632				-60,496		2,158,136
Subtotal Defense Information Systems Agency		2,218,632				-60,496		2,158,136
Defense Legal Services Agency								
Budget Activity 04: Administration and Servicewide Activities		154,426				-70		154,356
FY 2019 Appropriated Base		27,403						
Across-The-Board Reduction: Historical Underexecution						(-70)		
FY 2019 OCO (Title IX)		127,023						
Subtotal Budget Activity 04: Administration and Servicewide Activities		154,426				-70		154,356
Subtotal Defense Legal Services Agency		154,426				-70		154,356
Defense Logistics Agency								
Budget Activity 04: Administration and Servicewide Activities		379,275				757		380,032
FY 2019 Appropriated Base		379,275						
1 / Program increase - AM-2 airfield landing matting						(10,000)		
1 / Program increase - Procurement Technical Assistance Program						(17,775)		
2 / Unjustified growth						(-25,717)		
Across-The-Board Reduction: Historical Underexecution						(-974)		
2 / FFRDC Reductions (Section 8024)						(-327)		
Subtotal Budget Activity 04: Administration and Servicewide Activities		379,275				757		380,032
Subtotal Defense Logistics Agency		379,275				757		380,032

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)

2019

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		221,914				9,467		231,381
FY 2019 Appropriated Base		207,537						
1 / Program increase - IP streaming						(10,000)		
Across-The-Board Reduction: Historical Underexecution						(-533)		
FY 2019 OCO (Title IX)		14,377						
Subtotal Budget Activity 04: Administration and Servicewide Activities		221,914				9,467		231,381
Subtotal Defense Media Activity		221,914				9,467		231,381
Defense POW/MIA Accounting Agency								
Budget Activity 04: Administration and Servicewide Activities		130,696				29,664		160,360
FY 2019 Appropriated Base		130,696						
1 / Program increase						(20,000)		
1 / Program increase - Southeast Asia						(10,000)		
Across-The-Board Reduction: Historical Underexecution						(-336)		
Subtotal Budget Activity 04: Administration and Servicewide Activities		130,696				29,664		160,360
Defense POW/MIA Accounting Agency		130,696				29,664		160,360
Defense Security Cooperation Agency								
Budget Activity 04: Administration and Servicewide Activities		2,963,153				-390,017		2,573,136
FY 2019 Appropriated Base		754,711						
Transfer to 2019/2020 for Security Cooperation Programs						(-165,992)		
2 / AFRICOM insufficient budget justification						(-5,000)		
2 / Defense Institution Reform Initiative program reduction						(-5,000)		
2 / Excess growth not to be reduced from audit readiness program reduction						(-3,000)		
2 / Program reduction						(-60,000)		
2 / SE Asia Maritime Security Initiative program reduction						(-13,742)		
2 / Wales Initiative program reduction						(-4,000)		
Across-The-Board Reduction: Historical Underexecution						(-1,938)		
FFRDC Reductions (Section 8024)						(-1,345)		
FY 2019 OCO (Title IX)		2,208,442						
2 / Lift and Sustain unjustified growth						(-30,000)		
2 / Security cooperation program reduction						(-150,000)		
2 / Transfer to Ukraine Security Assistance (Section 9013)						(-200,000)		
1 / Ukraine Security Assistance (Section 9013)						(250,000)		
Subtotal Budget Activity 04: Administration and Servicewide Activities		2,963,153				-390,017		2,573,136
Subtotal Defense Security Cooperation Agency		2,963,153				-390,017		2,573,136

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)

2019

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 Service								
Budget Activity 04: Administration and Servicewide Activities		789,175				-16,891		772,284
FY 2019 Appropriated Base		789,175						
2 / Civilian FTE pricing						(-4,500)		
2 / Microelectronics program decrease						(-4,000)		
2 / Personnel excess growth						(-3,179)		
2 / Travel unjustified growth						(-1,157)		
2 / Program excess growth						(-2,000)		
Across-The-Board Reduction: Historical Underexecution						(-2,055)		
Subtotal Budget Activity 04: Administration and Servicewide Activities		789,175				-16,891		772,284
Subtotal Defense Security Service		789,175				-16,891		772,284
Defense Technology Security Administration								
Budget Activity 04: Administration and Servicewide Activities		34,951				-90		34,861
FY 2019 Appropriated Base		34,951						
Across-The-Board Reduction: Historical Underexecution						(-90)		
Subtotal Budget Activity 04: Administration and Servicewide Activities		34,951				-90		34,861
Subtotal Defense Technology Security Administration		34,951				-90		34,861
Defense Threat Reduction Agency								
Budget Activity 04: Administration and Servicewide Activities		855,579				-8,808		846,771
FY 2019 Appropriated Base		553,329						
3 / Fuel Increase (Section 8118)						(128)		
2 / JIDO mission enablers unjustified growth						(-3,611)		
2 / Remove one-time costs						(-3,878)		
Across-The-Board Reduction: Historical Underexecution						(-1,447)		
FY 2019 OCO (Title IX)		302,250						
Subtotal Budget Activity 04: Administration and Servicewide Activities		855,579				-8,808		846,771
Subtotal Defense Threat Reduction Agency		855,579				-8,808		846,771

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)

2019

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
Office of the Secretary of Defense								
Budget Activity 04: Administration and Servicewide Activities		1,536,234				82,118		1,618,352
FY 2019 Appropriated Base		1,519,655						
1 / Program increase - CDC Water Contamination Study and Assessment						(10,000)		
1 / Program increase - DoD Environmental Resiliency						(1,000)		
1 / Program increase - Readiness and Environmental Protection Initiative						(10,000)		
1 / Program increase - Artificial Intelligence						(6,000)		
1 / Program increase - Information Assurance Scholarship Program						(7,000)		
1 / Red Cross (Section 8048)						(24,000)		
1 / United Service Organization (Section 8048)						(20,000)		
1 / Sexual Trauma Treatment Pilot Program						(2,000)		
1 / Vietnam Dioxin Remediation						(15,000)		
1 / Atomic Veterans Service Medal						(250)		
1 / Cybersecurity Professionals						(5,000)		
1 / Defense Advisory Committee (DAC) - Investigations, Prosecution & Defense (IPAD)						(1,000)		
2 / Civilian personnel unjustified growth						(-3,053)		
2 / Studies and Analysis excess growth						(-9,000)		
Across-The-Board Reduction: Historical Underexecution						(-3,902)		
2 / FFRDC Reductions (Section 8024)						(-3,177)		
FY 2019 OCO (Title IX)		16,579						
Subtotal Budget Activity 04: Administration and Servicewide Activities		1,536,234				82,118		1,618,352
Subtotal Office of the Secretary of Defense		1,536,234				82,118		1,618,352

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)

2019

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
Special Operations Command								
Budget Activity 01: Operating Forces		9,122,411				-147,907		8,974,504
Base Support		45,478				-8,400		37,078
FY 2019 Appropriated Base		45,478				-8,400		37,078
2 / Base support						(-8,400)		
Subtotal Base Support		45,478				-8,400		37,078
Combat Development Activities		2,297,596				-19,142		2,278,454
FY 2019 Appropriated Base		1,115,724				-15,653		1,100,071
2 / Combat development activities - classified adjustment						(-3,639)		
2 / Contract services - unjustified growth						(-3,694)		
2 / Excess civilian pay						(-3,988)		
Across-The-Board Reduction: Historical Underexecution						(-4,332)		
FY 2019 OCO (Title IX)		1,181,172				-3,489		1,177,683
2 / Travel						(-3,489)		
Subtotal Combat Development Activities		2,297,596				-19,142		2,278,454
Communications		661,412				-14,761		646,651
FY 2019 Appropriated Base		556,600				-14,451		542,149
2 / SOCOM requested transfer to P,DW line 64 (BA: 02, Other						(-5,477)		
2 / SOCOM requested transfer to P,DW line 68 (BA 02, Warrior Systems, <\$5M)						(-8,974)		
FY 2019 OCO (Title IX)		104,812				-310		104,502
2 / Travel						(-310)		
Subtotal Communications		661,412				-14,761		646,651
Flight Operations		1,352,073				10,803		1,362,876
FY 2019 Appropriated Base		1,109,538				8,082		1,117,620
2 / Excess civilian pay						(-1,371)		
2 / Contract services - unjustified growth						(-1,714)		
3 / Fuel Increase (Section 8118)						(13,177)		
Across-The-Board Reduction: Historical Underexecution						(-2,010)		
FY 2019 OCO (Title IX)		242,535				2,721		245,256
2 / Travel						(-296)		
1 / Fuel Increase (Section 8118)						(3,017)		
Subtotal Flight Operations		1,352,073				10,803		1,362,876

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)

2019

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
Force Related Training		74,095				-635		73,460
FY 2019 Appropriated Base		74,095				-635		73,460
2 / Contract services - unjustified growth						(-292)		
Across-The-Board Reduction: Historical Underexecution						(-343)		
Subtotal Force Related Training		74,095				-635		73,460
Intelligence		1,790,550				-30,574		1,759,976
FY 2019 Appropriated Base		487,260				-6,767		480,493
2 / Intelligence - Classified Adjustment						(-2,400)		
2 / Excess civilian pay						(-498)		
2 / Contract services - unjustified growth						(-1,781)		
Across-The-Board Reduction: Historical Underexecution						(-2,088)		
FY 2019 OCO (Title IX)		1,303,290				-23,807		1,279,483
2 / Intelligence - Classified Adjustment						(-20,000)		
2 / Travel						(-3,807)		
Subtotal Intelligence		1,790,550				-30,574		1,759,976
Maintenance		960,825				-33,383		927,442
FY 2019 Appropriated Base		498,790				-15,000		483,790
2 / Maintenance - unjustified growth						(-15,000)		
FY 2019 OCO (Title IX)		462,035				-18,383		443,652
2 / MRAP reset maintenance						(-17,064)		
2 / Travel						(-1,319)		
Subtotal Maintenance		960,825				-33,383		927,442
Management/Operational Headquarters		177,091				-538		176,553
FY 2019 Appropriated Base		177,091				-538		176,553
2 / Contract services - unjustified growth						(-248)		
Across-The-Board Reduction: Historical Underexecution						(-291)		
Subtotal Management/Operational Headquarters		177,091				-538		176,553
Operational Support		120,943				-1,246		119,697
FY 2019 Appropriated Base		120,943				-1,246		119,697
2 / Excess civilian pay						(-1,246)		
Subtotal Operational Support		120,943				-1,246		119,697

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)						2019		
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
Other Operations		1,523,294				-49,153		1,474,141
FY 2019 Appropriated Base		1,084,677				-40,721		1,043,956
2 / Other operations - NSW CBRN defense						(-12,185)		
2 / Other operations - SPEAR						(-4,368)		
2 / Other operations - civilian FTE pricing						(-3,600)		
2 / Other operations - tactical local area network						(-3,700)		
2 / Excess civilian pay						(-3,614)		
2 / Other operations - unjustified growth						(-5,286)		
2 / Contract services - unjustified growth						(-3,667)		
Across-The-Board Reduction: Historical Underexecution						(-4,301)		
FY 2019 OCO (Title IX)		438,617				-8,432		430,185
2 / Critical Mission Needs Statement (CMNS)						(-5,000)		
2 / Other operations - Section 1202 authority						(-3,000)		
2 / Travel						(-432)		
Subtotal Oher Operations		1,523,294				-49,153		1,474,141
Ship/Boat Operations		119,054				-877		118,177
FY 2019 Appropriated Base		119,054				-877		118,177
2 / Contract services - unjustified growth						(-404)		
Across-The-Board Reduction: Historical Underexecution						(-473)		
Subtotal Ship/Boat Operations		119,054				-877		118,177
Subtotal Budget Activity 01: Operating Forces		9,122,411				-147,907		8,974,504
Budget Activity 03: Training and Recruiting		370,583				1,048		371,631
Professional Development								
FY 2019 Appropriated Base		31,609				-81		31,528
Across-The-Board Reduction: Historical Underexecution						(-81)		
Subtotal Professional Development		31,609				-81		31,528
Specialized Skill Training								
FY 2019 Appropriated Base		338,974				1,130		340,104
1 / Program increase - Defense critical language/culture program						2,000		
- transfer from 4GT1 (BA 04, Special Operations Command)						(-870)		
Across-The-Board Reduction: Historical Underexecution								
Subtotal Specialized Skill Training		338,974				1,130		340,104
Subtotal Budget Activity 03: Training and Recruiting		370,583				1,048		371,631

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)**2019**

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: Administration and Servicewide Activities		97,787				4,749		102,536
Acquisition/Program Management								
FY 2019 Appropriated Base		97,787				4,749		102,536
1 / Additional training						(5,000)		
Across-The-Board Reduction: Historical Underexecution						(-251)		
Subtotal Acquisition/Program Management		97,787				4,749		102,536
Subtotal Budget Activity 04: Administration and Servicewide Activities		97,787				4,749		102,536
Subtotal Special Operations Command		9,590,781				-142,109		9,448,672
The Joint Staff								
Budget Activity 01: Operating Forces		1,061,072				-38,371		1,022,701
FY 2019 Appropriated Base		1,032,401						
1 / Gender Advisors						(1,000)		
2 / Civilian FTE pricing						(-1,720)		
2 / Unjustified growth						(-30,000)		
2 / Historical Underexecution						(-5,000)		
Across-The-Board Reduction: Historical Underexecution						(-2,651)		
FY 2019 OCO (Title IX)		28,671						
Subtotal Budget Activity 01: Operating Forces		1,061,072				-38,371		1,022,701
Budget Activity 03: Training and Recruiting		96,565				-2,548		94,017
FY 2019 Appropriated Base		96,565						
2 / Unjustified growth						(-2,300)		
Across-The-Board Reduction: Historical Underexecution						(-248)		
Subtotal Budget Activity 03: Training and Recruiting		96,565				-2,548		94,017
Subtotal The Joint Staff		1,157,637				-40,919		1,116,718

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)**2019**

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		464,173				-36,649		427,524
FY 2019 Appropriated Base		456,407						
2 / DIU mission unjustified growth						(-23,249)		
2 / DIU personnel unjustified growth						(-2,862)		
2 / Fiscal year 2018 decrease not properly accounted						(-6,000)		
2 / Other operations - civilian FTE pricing						(-1,680)		
Across-The-Board Reduction: Historical Underexecution						(-1,172)		
FFRDC Reductions (Section 8024)						(-386)		
FY 2019 OCO (Title IX)		7,766						
2 / DIU program decrease						(-1,000)		
2 / Defense Digital Service program decrease						(-300)		
Subtotal Budget Activity 04: Administration and Servicewide Activities		464,173				-36,649		427,524
Subtotal Washington Headquarters Services		464,173				-36,649		427,524

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:						Fiscal Year Program:		
Operation and Maintenance, Defense-Wide , 2019/2019 (0100D)						2019		
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 (General Provisions)								
Budget Activity 04: Administration and Servicewide Activities						500,000		500,000
FY 2019 Title IX, OCO								
1 / Section 9018 Transfer to operation and maintenance, military personnel, and procurement accounts to improve intelligence, surveillance and reconnaissance						(500,000)		
Subtotal Budget Activity 04: Administration and Servicewide Activities						500,000		500,000
Subtotal Defense-Wide (General Provisions)						500,000		500,000
Grand Total Operation and Maintenance, Defense-Wide , 2019/2019		44,902,533				-565,557		44,336,976
Financing								
APPROPRIATION, P.L. 115-245 (Base)		36,352,625				-924,423		35,428,202
APPROPRIATION, P.L. 115-245 (OCO)		8,549,908				-443,917		8,105,991
FFRDC Reductions (Section 8024) (Base)						(-7,788)		
Red Cross/United Service Organizations (Base) (Section 8048)						(44,000)		
Fuel Increase (Section 8118) (Base)						(13,554)		
Fuel Increase (Section 8118) (OCO)						(3,017)		
Public Schools on Military Installations (Base) (Section 8128)								
Ukraine Security Assistance (OCO) (Section 9013)						(250,000)		
Intelligence, Surveillance and Reconnaissance (OCO)(Section 9018)						(500,000)		
Subtotal General Provision Adjustments						802,783		802,783
TOTAL FINANCING - FY 2019/2019 PROGRAM		44,902,533				-565,557		44,336,976
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. 3 / Section 8118 of the FY 2019 Consolidated Appropriations Act (P.L. 115-245) increased amounts appropriated in Title II, Operation and Maintenance, Defense-Wide (O&M,DW) by \$16.571 million to reflect adjustments due to higher than budgeted fuel costs. Because the O&M,DW Components purchase fuel using both base and overseas contingency operations funds; this increase has been allocated proportionally to base (\$13.554 million) and OCO O&M appropriations (\$3.017 million). General Provision 8118 funds have been realigned to reflect congressional intent for proper execution. For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide, 2019/2020 (0100D)**2019**

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 FY 2019 Appropriated Base Transfer from Operation and Maintenance, Defense-Wide, Defense Security Cooperation Agency, 2019/2019, to Operation and Maintenance, Defense-Wide, Defense Security Cooperation Agency, 2019/2020, for Security Cooperation Programs						165,992 (165,992)		165,992
Subtotal Budget Activity 04: Administration and Servicewide Activities						165,992		165,992
Subtotal Defense Security Cooperation Agency						165,992		165,992
Grand Total Operation and Maintenance, Defense-Wide, 2019/2020						165,992		165,992
Financing								
APPROPRIATION, P.L. 115-245 (Base)						165,992		165,992
TOTAL FINANCING - FY 2019 PROGRAM						165,992		165,992

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Operation and Maintenance, Defense-Wide, 2019/XXXX (0100DX)**2019**

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
Classified Programs Budget Activity 04: Administration and Servicewide Activities FY 2019 Appropriated Base Transfer from Operation and Maintenance, Defense-Wide, Classified Programs, 2019/2019 to Operation and Maintenance, Defense-Wide, Classified Programs, 2019/XXXX for classified activities						19,160 (19,160)		19,160
Subtotal Budget Activity 04: Administration and Servicewide Activities						19,160		19,160
Subtotal Classified Programs						19,160		19,160
Office of Economic Adjustment Budget Activity 04: Administration and Servicewide Activities FY 2019 Appropriated Base Transfer from Operation and Maintenance, Defense-Wide, Office of Economic Adjustment, 2019/2019, to Operation and Maintenance, Defense-Wide, Office of Economic Adjustment, 2019/XXXX, for public schools on military installations (Section 8128)						270,000 (270,000)		270,000
Subtotal Budget Activity 04: Administration and Servicewide Activities						270,000		270,000
Subtotal Office of Economic Adjustment						270,000		270,000
Grand Total Operation and Maintenance, Defense-Wide, 2019/XXXX						289,160		289,160
Financing APPROPRIATION, P.L. 115-245 (Base)						289,160		289,160
TOTAL FINANCING - FY 2019 PROGRAM						289,160		289,160

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Office of the Inspector General, 2019/2019 (0107D)**2019**

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: Operation and Maintenance		352,303				-2,375		349,928
FY 2019 Appropriated Base		327,611						
2 / DCATSe and CRIMS - Department requested transfer from OIG O&M (BA01) to OIG RDT&E (BA02)						(-2,375)		
FY 2019 OCO (Title IX)		24,692						
Subtotal Budget Activity 01: Operation and Maintenance		352,303				-2,375		349,928
Grand Total Office of the Inspector General, 2019/2019		352,303				-2,375		349,928
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		327,611				-2,375		325,236
APPROPRIATION, P.L. 115-245 (OCO)		24,692						24,692
TOTAL FINANCING - FY 2019 PROGRAM		352,303				-2,375		349,928

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:

Fiscal Year Program:

Office of the Inspector General, 2019/2020 (0107D)**2019**

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: RDT&E		1,602				2,375		3,977
FY 2019 Appropriated Base		1,602						
1 / DCATSe and CRIMS - Department requested transfer to OIG RDT&E (BA02) from OIG O&M (BA01)						(2,375)		
Subtotal Budget Activity 02: RDT&E		1,602				2,375		3,977
Grand Total Office of the Inspector General, 2019/2020		1,602				2,375		3,977
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		1,602				2,375		3,977
TOTAL FINANCING - FY 2019 PROGRAM		1,602				2,375		3,977
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.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Office of the Inspector General, 2019/2021 (0107D)						Fiscal Year Program: 2019		
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: Procurement		60						60
FY 2019 Appropriated Base		60						
Subtotal Budget Activity 03: Procurement		60						60
Grand Total Office of the Inspector General, 2019/2021		60						60
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		60						60
TOTAL FINANCING - FY 2019 PROGRAM		60						60

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: United States Court of Appeals for the Armed Forces, 2019/2019 (0104D)						Fiscal Year Program: 2019		
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: Administration and Associated Activities FY 2019 Appropriated Base		14,662						14,662
Subtotal Budget Activity 04: Administration and Associated Activities		14,662						14,662
Grand Total United States Court of Appeals for the Armed Forces, 2019/2019		14,662						14,662
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		14,662						14,662
TOTAL FINANCING - FY 2019 PROGRAM		14,662						14,662

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Drug Interdiction and Counter-Drug Activities, Defense, 2019/2019 (0105D)**2019**

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: Counter-Narcotics Support		700,271				-30,000		670,271
FY 2019 Appropriated Base		547,171						
2 / Excess to need						(-30,000)		
FY 2019 OCO (Title IX)		153,100						
Subtotal Budget Activity 01: Counter-Narcotics Support		700,271				-30,000		670,271
Budget Activity 02: Drug Demand Reduction Program		117,900				4,000		121,900
FY 2019 Appropriated Base		117,900						
1 / Program increase - young Marines drug demand reduction						(4,000)		
Subtotal Budget Activity 02: Drug Demand Reduction Program		117,900				4,000		121,900
Budget Activity 03: National Guard Counter-Drug Program		117,178				100,000		217,178
FY 2019 Appropriated Base		117,178						
1 / Program increase - National Guard counter-drug plans						(100,000)		
Subtotal Budget Activity 03: National Guard Counter-Drug Program		117,178				100,000		217,178
Budget Activity 04: National Guard Counter-Drug Schools		5,276				20,000		25,276
FY 2019 Appropriated Base		5,276						
1 / National Guard counter-drug schools						(20,000)		
Subtotal Budget Activity 04: National Guard Counter-Drug Schools		5,276				20,000		25,276
Grand Total Drug Interdiction and Counter-Drug Activities, Defense, 2019/2019		940,625				94,000		1,034,625
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		787,525				94,000		881,525
APPROPRIATION, P.L. 115-245 (OCO)		153,100						153,100
TOTAL FINANCING - FY 2019 PROGRAM		940,625				94,000		1,034,625

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.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Defense Health Program, 2019/2019 (0130D)

2019

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: Operation and Maintenance		32,497,463				-1,191,973		31,305,490
FY 2019 Appropriated Base		32,145,395						
1 / Program increase - DOD/VA burn pit coordination						(2,000)		
1 / Program increase - therapeutic service dog training program						(10,000)		
2 / Defense Health headquarters protection excess growth						(-3,500)		
2 / Historical underexecution						(-215,000)		
2 / JOMIS funds excess to need						(-5,000)		
2 / Medical care contracts excess growth						(-120,000)		
2 / Other costs excess growth						(-16,000)		
2 / Pharmaceuticals excess growth						(-213,000)		
2 / Printing and reproduction excess growth						(-4,100)		
2 / Supplies and materials unjustified growth						(-2,000)		
2 / TMIP-J funds excess to need						(-20,000)		
2 / Travel excess growth						(-5,300)		
2 / Visual information systems underexecution						(-3,000)		
Fiscal year 2018 decrease not properly accounted						(-597,073)		
3 / Cyberspace Activities FY19								
FY 2019 OCO (Title IX)		352,068						
Grand Total Defense Health Program, 2019/2019		32,497,463				-1,191,973		31,305,490
Financing								
APPROPRIATION, P.L. 115-245 (Base)		32,145,395				-1,191,973		30,953,422
APPROPRIATION, P.L. 115-245 (OCO)		352,068						352,068
TOTAL FINANCING - FY 2019 PROGRAM		32,497,463				-1,191,973		31,305,490

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.
- 3 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.

For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$15 million between Defense Agencies

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Defense Health Program, 2019/2020 (0130D)

2019

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: Research, Development, Test, and Evaluation		710,637				1,468,984		2,179,621
FY 2019 Appropriated Base		710,637						
1 / Chronic pain management						(10,000)		
1 / Combat readiness medical research						(15,000)		
1 / Global HIV/AIDS prevention						(8,000)		
1 / HIV/AIDS program increase						(12,900)		
1 / Joint warfighter medical research						(50,000)		
1 / Orthotics and prosthetics outcome research						(10,000)		
1 / Peer-reviewed ALS research						(10,000)		
1 / Peer-reviewed Duchenne muscular dystrophy research						(3,200)		
1 / Peer-reviewed alcohol and substance abuse disorders research						(4,000)		
1 / Peer-reviewed alzheimer research						(15,000)		
1 / Peer-reviewed autism research						(7,500)		
1 / Peer-reviewed bone marrow failure disease research						(3,000)		
1 / Peer-reviewed breast cancer research						(130,000)		
1 / Peer-reviewed cancer research						(90,000)		
1 / Peer-reviewed epilepsy research						(7,500)		
1 / Peer-reviewed gulf war illness research						(22,000)		
1 / Peer-reviewed hearing restoration research						(10,000)		
1 / Peer-reviewed kidney cancer research						(20,000)		
1 / Peer-reviewed lung cancer research						(14,000)		
1 / Peer-reviewed lupus research						(5,000)		
1 / Peer-reviewed medical research						(350,000)		
1 / Peer-reviewed melanoma research						(10,000)		
1 / Peer-reviewed multiple sclerosis research						(6,000)		
1 / Peer-reviewed orthopedic research						(30,000)		
1 / Peer-reviewed ovarian cancer research						(20,000)		
1 / Peer-reviewed prostate cancer research						(100,000)		
1 / Peer-reviewed reconstructive transplant research						(12,000)		
1 / Peer-reviewed spinal cord research						(30,000)		
1 / Peer-reviewed tickborne disease research						(5,000)		
1 / Peer-reviewed traumatic brain injury and psychological health research						(125,000)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Defense Health Program, 2019/2020 (0130D)						Fiscal Year Program: 2019		
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 / Peer-reviewed tuberous sclerosis complex research						(6,000)		
1 / Peer-reviewed vision research						(20,000)		
1 / Restore core funding reduction						(299,200)		
1 / Trauma clinical research program						(10,000)		
FFRDC Reductions (Section 8024)						(-1,316)		
Grand Total Defense Health Program, 2019/2020		710,637				1,468,984		2,179,621
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		710,637				1,470,300		2,180,937
FFRDC Reductions (Section 8024)						-1,316		
Subtotal General Provision Reductions								-1,316
TOTAL FINANCING - FY 2019 PROGRAM		710,637				1,468,984		2,179,621
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: Defense Health Program, 2019/2021 (0130D)						Fiscal Year Program: 2019		
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: Procurement		873,160						873,160
FY 2019 Appropriated Base		873,160						
Grand Total Defense Health Program, 2019/2021		873,160						873,160
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		873,160						873,160
TOTAL FINANCING - FY 2019 PROGRAM		873,160						873,160
Footnotes: <p style="margin: 5px 0;">For Procurement, the Below Threshold Reprogramming limitation is \$20 million or 20%, whichever is less, for each budget line item.</p>								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Defense Health Program, 2019/XXXX (0130DX)						Fiscal Year Program: 2019		
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: Operation and Maintenance FY 2019 Appropriated Base 1 / Fisher House (Section 8067)						10,000 (10,000)		10,000
Grand Total Defense Health Program, 2019/XXXX						10,000		10,000
Financing APPROPRIATION, P.L. 115-245 (Base)						10,000		10,000
TOTAL FINANCING - FY 2019 PROGRAM						10,000		10,000
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 \$15 million between Defense Agencies								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Environmental Restoration Accounts, Defense, 2019/XXXX (0810DX)**2019**

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: Defense-Wide		8,926				10,076		19,002
FY 2019 Appropriated Base		8,926						
1 / Program Increase						(10,076)		
Subtotal Budget Activity 04: Defense-Wide		8,926				10,076		19,002
Grand Total Environmental Restoration Accounts, Defense, 2019/XXXX		8,926				10,076		19,002
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		8,926				10,076		19,002
TOTAL FINANCING - FY 2019 PROGRAM		8,926				10,076		19,002

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: Environmental Restoration, Formerly Used Defense Sites , 2019/XXXX (0811DX)						Fiscal Year Program: 2019		
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: Defense-Wide		212,346				36,327		248,673
FY 2019 Appropriated Base		212,346						
1 / Program Increase						(36,327)		
Subtotal Budget Activity 05: Defense-Wide		212,346				36,327		248,673
Grand Total Environmental Restoration, Formerly Used Defense Sites , 2019/XXXX		212,346				36,327		248,673
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		212,346				36,327		248,673
TOTAL FINANCING - FY 2019 PROGRAM		212,346				36,327		248,673
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:

Fiscal Year Program:

Overseas Humanitarian, Disaster, and Civic Aid, Defense, 2019/2020 (0819D)**2019**

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
Overseas Humanitarian, Disaster, and Civic Aid, Defense		107,663				10,000		117,663
FY 2019 Appropriated Base		107,663						
1 / Program increase for the Humanitarian Mine Action Program of which \$7 million is for activities in Southeast Asia						(10,000)		
Grand Total Overseas Humanitarian, Disaster, and Civic Aid, Defense, 2019/2020		107,663				10,000		117,663
Financing								
APPROPRIATION, P.L. 115-245 (Base)		107,663				10,000		117,663
TOTAL FINANCING - FY 2019 PROGRAM		107,663				10,000		117,663

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: Cooperative Threat Reduction Account, 2019/2021 (0134D)						Fiscal Year Program: 2019		
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
Cooperative Threat Reduction Account		335,240				15,000		350,240
FY 2019 Appropriated Base		335,240						
1 / Program increase - Global Nuclear Security						(15,000)		
Grand Total Cooperative Threat Reduction Account, 2019/2021		335,240				15,000		350,240
<i>Financing</i>								
APPROPRIATION, P.L. 115-245 (Base)		335,240				15,000		350,240
TOTAL FINANCING - FY 2019 PROGRAM		335,240				15,000		350,240
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:

Fiscal Year Program:

DoD Acquisition Workforce Development Fund, 2019/2020 (0111D)**2019**

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
DoD Acquisition Workforce Development Fund		400,000				50,000		450,000
FY 2019 Appropriated Base		400,000						
1 / Recruiting and Hiring: Program increase - unfunded requirement						(15,263)		
1 / Retention and Recognition: Program increase - unfunded requirement						(3,125)		
1 / Training and Development: Program increase unfunded requirement						(31,612)		
Grand Total DoD Acquisition Workforce Development Fund, 2019/2020		400,000				50,000		450,000
Financing								
APPROPRIATION, P.L. 115-245 (Base)		400,000				50,000		450,000
TOTAL FINANCING - FY 2019 PROGRAM		400,000				50,000		450,000

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.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Defense-Wide, 2019/2021 (0300D)**2019**

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		166,418				2,500		168,918
FY 2019 Appropriated Base		166,418						
1 / Program increase						(5,000)		
1 / Program increase - CBRN dismounted reconnaissance system						(5,000)		
2 / Unjustified growth						(-7,500)		
03 CB Protection & Hazard Mitigation		144,519				-2,000		142,519
FY 2019 Appropriated Base		144,519						
1 / Program increase - DFoS CIDAS						(1,000)		
2 / Unjustified growth						(-3,000)		
Subtotal Budget Activity 03: Chemical/Biological Defense		310,937				500		311,437
Subtotal Chemical and Biological Defense Program		310,937				500		311,437
Classified Programs								
Budget Activity 01: Major Equipment								
01 Classified Programs		631,250				-22,200		609,050
FY 2019 Appropriated Base		543,645						
FY 2019 Appropriated Base		46,046						
2 / Classified adjustment						(-22,200)		
3 / Cyberspace Activities FY19								
FY 2019 OCO (Title IX)		41,559						
Subtotal Budget Activity 01: Major Equipment		631,250				-22,200		609,050
Subtotal Classified Programs		631,250				-22,200		609,050
Defense Contract Audit Agency								
Budget Activity 01: Major Equipment								
01 Items Less Than \$5 Million		2,542						2,542
FY 2019 Appropriated Base		2,542						
Subtotal Budget Activity 01: Major Equipment		2,542						2,542
Subtotal Defense Contract Audit Agency		2,542						2,542

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Procurement, Defense-Wide, 2019/2021 (0300D)						Fiscal Year Program: 2019		
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 01: Major Equipment 01 Major Equipment FY 2019 Appropriated Base		3,873 3,873						3,873
Subtotal Budget Activity 01: Major Equipment		3,873						3,873
Subtotal Defense Contract Management Agency		3,873						3,873
Defense Human Resource Activities Budget Activity 01: Major Equipment 01 Personnel Administration FY 2019 Appropriated Base		10,630 10,630						10,630
Subtotal Budget Activity 01: Major Equipment		10,630						10,630
Subtotal Defense Human Resource Activities		10,630						10,630

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Defense-Wide, 2019/2021 (0300D)**2019**

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 01: Major Equipment								
01 Information Systems Security		21,590				10,000		31,590
FY 2019 Appropriated Base		21,590						
1 / Program increase - Sharkseer						(10,000)		
3 / Cyberspace Activities FY19								
01 Teleport Program		37,705						37,705
FY 2019 Appropriated Base		33,905						
FY 2019 OCO (Title IX)		3,800						
01 Items Less Than \$5 Million		27,886				-3,815		24,071
FY 2019 Appropriated Base		27,886						
2 / Unjustified growth						(-3,815)		
01 Net Centric Enterprise Services (NCES)		1,017						1,017
FY 2019 Appropriated Base		1,017						
01 Defense Information System Network		150,674						150,674
FY 2019 Appropriated Base		150,674						
01 White House Communication Agency		94,610						94,610
FY 2019 Appropriated Base		94,610						
01 Senior Leadership Enterprise		197,246						197,246
FY 2019 Appropriated Base		197,246						
01 Joint Regional Security Stacks (JRSS)		140,338						140,338
FY 2019 Appropriated Base		140,338						
01 Joint Service Provider		107,182				-6,740		100,442
FY 2019 Appropriated Base		107,182						
2 / Unjustified growth						(-6,740)		
01 Defense Information Systems Network		12,000						12,000
FY 2019 OCO (Title IX)		12,000						
Subtotal Budget Activity 01: Major Equipment		790,248				-555		789,693
Subtotal Defense Information Systems Agency		790,248				-555		789,693
Defense Logistics Agency								
Budget Activity 01: Major Equipment								
01 Major Equipment		5,225						5,225
FY 2019 Appropriated Base		5,225						
Subtotal Budget Activity 01: Major Equipment		5,225						5,225
Subtotal Defense Logistics Agency		5,225						5,225

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Procurement, Defense-Wide, 2019/2021 (0300D)						Fiscal Year Program: 2019		
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 01: Major Equipment								
01 Major Equipment		13,106						13,106
FY 2019 Appropriated Base		13,106						
Subtotal Budget Activity 01: Major Equipment		13,106						13,106
Subtotal Defense Media Activity		13,106						13,106
Defense Security Service								
Budget Activity 01: Major Equipment								
01 Major Equipment		1,196				-598		598
FY 2019 Appropriated Base		1,196						
2 / Prior year carryover						(-598)		
Subtotal Budget Activity 01: Major Equipment		1,196				-598		598
Subtotal Defense Security Service		1,196				-598		598

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Defense-Wide, 2019/2021 (0300D)**2019**

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 Threat Reduction Agency								
Budget Activity 01: Major Equipment								
01 Vehicles		207						207
FY 2019 Appropriated Base		207						
01 Other Major Equipment		5,592						5,592
FY 2019 Appropriated Base		5,592						
01 Counter IED and Improvised Threat Technologies		5,534						5,534
FY 2019 OCO (Title IX)		5,534						
Subtotal Budget Activity 01: Major Equipment		11,333						11,333
Subtotal Defense Threat Reduction Agency		11,333						11,333
Department of Defense Education Activity								
Budget Activity 01: Major Equipment								
01 Automation/Educational Support & Logistics		1,723				-861		862
FY 2019 Appropriated Base		1,723						
2 / Prior year carryover						(-861)		
Subtotal Budget Activity 01: Major Equipment		1,723				-861		862
Subtotal Department of Defense Education Activity		1,723				-861		862

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Defense-Wide, 2019/2021 (0300D)**2019**

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
Missile Defense Agency								
Budget Activity 01: Major Equipment								
01 THAAD	82	874,068			14	140,000	96	1,014,068
FY 2019 Appropriated Base	82	874,068						
1 / Program increase - THAAD interceptors					(14)	(140,000)		
01 Ground Based Midcourse	14	409,000				8,600	14	417,600
FY 2019 Appropriated Base	14	409,000						
2 / Silo unit cost growth						(-13,000)		
Missile field components - Missile Defense Agency requested transfer from RDTE,DW line 73 (BA04, PE 0603882C: Ballistic Missile Defense Midcourse Defense Segment)						(21,600)		
01 Ground Based Midcourse Advance Procurement (CY)		115,000						115,000
FY 2019 Appropriated Base		115,000						
01 Aegis BMD	43	593,488			4	107,002	47	700,490
FY 2019 Appropriated Base	43	593,488						
2 / SM-3 IIA unit cost growth						(-5,946)		
2 / SM-3 IIA obsolescence early to need						(-2,258)		
SM-3 IIA additional interceptors - transfer from BA01, line 30 (Aegis BMD Advance Procurement (CY))					(4)	(115,206)		
01 Aegis BMD Advance Procurement (CY)		115,206				-115,206		
FY 2019 Appropriated Base		115,206						
Lack of justification - transfer to BA01, line 29 (Aegis BMD) for SM-3 IIA additional interceptors						(-115,206)		
01 BMDS AN/TPY-2 Radars		13,185						13,185
FY 2019 Appropriated Base		13,185						
01 Israeli Programs		80,000						80,000
FY 2019 Appropriated Base		80,000						
01 Short Range Ballistic Missile Defense (SRBMD)		50,000						50,000
FY 2019 Appropriated Base		50,000						
01 Aegis Ashore Phase III		15,000						15,000
FY 2019 Appropriated Base		15,000						
01 Iron Dome		70,000						70,000
FY 2019 Appropriated Base		70,000						
01 Aegis BMD Hardware and Software	28	97,057					28	97,057
FY 2019 Appropriated Base	28	97,057						
Subtotal Budget Activity 01: Major Equipment		2,432,004				140,396		2,572,400
Subtotal Missile Defense Agency		2,432,004				140,396		2,572,400

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Defense-Wide, 2019/2021 (0300D)**2019**

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
National Security Agency Budget Activity 01: Major Equipment 01 Information Systems Security Program (ISSP) FY 2019 Appropriated Base 3 / Cyberspace Activities FY19		5,403 5,403						5,403
Subtotal Budget Activity 01: Major Equipment		5,403						5,403
Subtotal National Security Agency		5,403						5,403
Office of the Secretary of Defense Budget Activity 01: Major Equipment 01 Major Equipment, OSD FY 2019 Appropriated Base		35,295 35,295						35,295
Subtotal Budget Activity 01: Major Equipment		35,295						35,295
Subtotal Office of the Secretary of Defense		35,295						35,295

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Defense-Wide, 2019/2021 (0300D)**2019**

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
Special Operations Command								
Budget Activity 02: Special Operations Command								
02 Manned ISR		5,000						5,000
FY 2019 OCO (Title IX)		5,000						
02 MC-12		5,000						5,000
FY 2019 OCO (Title IX)		5,000						
02 MH-60 Blackhawk		27,600						27,600
FY 2019 OCO (Title IX)		27,600						
02 Rotary Wing Upgrades and Sustainment		148,351				-1,825		146,526
FY 2019 Appropriated Base		148,351						
2 / NGEN FLIR delays						(-1,825)		
02 Unmanned ISR		74,708						74,708
FY 2019 Appropriated Base		57,708						
FY 2019 OCO (Title IX)		17,000						
02 Non-Standard Aviation		31,731						31,731
FY 2019 Appropriated Base		18,731						
FY 2019 OCO (Title IX)		13,000						
02 U-28		84,023						84,023
FY 2019 Appropriated Base		32,301						
FY 2019 OCO (Title IX)		51,722						
02 MH-47 Chinook		167,533						167,533
FY 2019 Appropriated Base		131,033						
FY 2019 OCO (Title IX)		36,500						
02 CV-22 Modification		32,529						32,529
FY 2019 Appropriated Base		32,529						
02 MQ-9 Unmanned Aerial Vehicle		24,621						24,621
FY 2019 Appropriated Base		24,621						
02 Precision Strike Package		226,965						226,965
FY 2019 Appropriated Base		226,965						
02 AC/MC-130J		165,813				-5,132		160,681
FY 2019 Appropriated Base		165,813						
2 / RFCM ICS carryover						(-2,132)		
2 / MC-130J SMS unjustified growth						(-3,000)		
02 C-130 Modifications		80,274						80,274
FY 2019 Appropriated Base		80,274						
02 Underwater Systems		136,723				-4,700		132,023
FY 2019 Appropriated Base		136,723						
2 / DCS components early to need						(-4,700)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Defense-Wide, 2019/2021 (0300D)**2019**

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	Ordnance Items <\$5M		458,592				-32,700		425,892
	FY 2019 Appropriated Base		357,742						
	2 / SOPGM unit cost adjustments						(-25,000)		
	2 / 30MM and 105MM unit cost adjustments						(-7,700)		
	FY 2019 OCO (Title IX)		100,850						
02	Intelligence Systems		102,199						102,199
	FY 2019 Appropriated Base		85,699						
	FY 2019 OCO (Title IX)		16,500						
02	Distributed Common Ground/Surface Systems		17,863						17,863
	FY 2019 Appropriated Base		17,863						
02	Other Items <\$5M		119,817				-390		119,427
	FY 2019 Appropriated Base		112,117						
	2 / MMP-M early to need						(-5,867)		
	SOCOM requested transfer from OM,DW BA04, SAG: Special Operations Command Operating Forces (1PL2), Title: Communciations						(5,477)		
	FY 2019 OCO (Title IX)		7,700						
02	Combatant Craft Systems		7,313				8,600		15,913
	FY 2019 Appropriated Base		7,313						
	1 / Program increase - combatant craft						(8,600)		
02	Special Programs		14,026						14,026
	FY 2019 Appropriated Base		14,026						
02	Tactical Vehicles		148,499				-3,000		145,499
	FY 2019 Appropriated Base		88,608						
	2 / Non-standard vehicles requirements funded in fiscal year 2018						(-3,000)		
	FY 2019 OCO (Title IX)		59,891						
02	Warrior Systems <\$5M		459,725				-1,226		458,499
	FY 2019 Appropriated Base		438,590						
	1 / Program increase - close air support radios						(12,800)		
	2 / SAT deployable node requirements funded in fiscal year 2018						(-23,000)		
	SOCOM requested transfer from OM,DW BA04, SAG: Special Operations Command Operating Forces (1PL2), Title: Communciations						(8,974)		
	FY 2019 OCO (Title IX)		21,135						
02	Combat Mission Requirements		29,408						29,408
	FY 2019 Appropriated Base		19,408						
	FY 2019 OCO (Title IX)		10,000						
02	Global Video Surveillance Activities		6,281						6,281
	FY 2019 Appropriated Base		6,281						

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Defense-Wide, 2019/2021 (0300D)**2019**

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 Operational Enhancements Intelligence FY 2019 Appropriated Base		29,314 18,509						29,314
02 Operational Enhancements FY 2019 Appropriated Base		10,805 493,972 367,433				-40,400		453,572
2 / Classified adjustment						(-5,300)		
2 / Requirements funded in fiscal year 2018 FY 2019 OCO (Title IX)		126,539				(-35,100)		
Subtotal Budget Activity 02: Special Operations Command		3,097,880				-80,773		3,017,107
Subtotal Special Operations Command		3,097,880				-80,773		3,017,107
The Joint Staff								
Budget Activity 01: Major Equipment								
01 Major Equipment, TJS FY 2019 Appropriated Base		4,360 4,360						4,360
3 / Cyberspace Activities FY19								
01 Major Equipment, TJS - CE2T2 FY 2019 Appropriated Base		904 904						904
Subtotal Budget Activity 01: Major Equipment		5,264						5,264
Subtotal The Joint Staff		5,264						5,264
Washington Headquarters Services								
Budget Activity 01: Major Equipment								
01 Major Equipment, WHS FY 2019 Appropriated Base		497 497						497
Subtotal Budget Activity 01: Major Equipment		497						497
Subtotal Washington Headquarters Services		497						497
Grand Total Procurement, Defense-Wide, 2019/2021		7,358,406				35,909		7,394,315
Financing								
APPROPRIATION, P.L. 115-245 (Base)		6,786,271				35,909		6,822,180
APPROPRIATION, P.L. 115-245 (OCO)		572,135						572,135
TOTAL FINANCING - FY 2019 PROGRAM		7,358,406				35,909		7,394,315

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Procurement, Defense-Wide, 2019/2021 (0300D)**2019**

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

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.
- 3 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.

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:						Fiscal Year Program:		
National Guard and Reserve Equipment, 2019/2021 (0350D)						2019		
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: Reserve Equipment								
01 Miscellaneous Equipment, Army Reserve						180,000		180,000
FY 2019 Appropriated Base								
1 / Reserve Equipment, Army Reserve						(180,000)		
Subtotal Budget Activity 01: Reserve Equipment						180,000		180,000
Budget Activity 02: National Guard Equipment								
02 Miscellaneous Equipment, Army National Guard						421,000		421,000
FY 2019 Appropriated Base								
1 / Reserve Equipment, Army National Guard						(421,000)		
Subtotal Budget Activity 02: National Guard Equipment						421,000		421,000
Subtotal Army						601,000		601,000
Navy								
Budget Activity 01: Reserve Equipment								
01 Miscellaneous Equipment, Navy Reserve						65,000		65,000
FY 2019 Appropriated Base								
1 / Reserve Equipment, Navy Reserve						(65,000)		
01 Miscellaneous Equipment, Marine Corps Reserve						13,000		13,000
FY 2019 Appropriated Base								
1 / Reserve Equipment, Marine Corps Reserve						(13,000)		
Subtotal Budget Activity 01: Reserve Equipment						78,000		78,000
Subtotal Navy						78,000		78,000
Air Force								
Budget Activity 01: Reserve Equipment								
01 Miscellaneous Equipment, Air Force Reserve						200,000		200,000
FY 2019 Appropriated Base								
1 / Reserve Equipment, Air Force Reserve						(200,000)		
Subtotal Budget Activity 01: Reserve Equipment						200,000		200,000

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

National Guard and Reserve Equipment, 2019/2021 (0350D)**2019**

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: National Guard Equipment 02 Miscellaneous Equipment, Air National Guard FY 2019 Appropriated Base 1 / Reserve Equipment, Air National Guard						421,000 (421,000)		421,000
Subtotal Budget Activity 02: Reserve Equipment						421,000		421,000
Subtotal Air Force						621,000		621,000
Grand Total National Guard and Reserve Equipment, 2019/2021						1,300,000		1,300,000
Financing APPROPRIATION, P.L. 115-245 (Base)						1,300,000		1,300,000
TOTAL FINANCING - FY 2019 PROGRAM						1,300,000		1,300,000

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 \$20 million or 20%, whichever is less, for each budget line item.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Chemical Agents and Munitions Destruction, 2019/2019 (0390D)						Fiscal Year Program: 2019		
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: Chem Agents - O&M								
01 Chem Demilitarization - O&M		74,862						74,862
FY 2019 Appropriated Base		74,862						
Subtotal Budget Activity 01: Chem Agents - O&M		74,862						74,862
Grand Total Chemical Agents and Munitions Destruction, 2019/2019		74,862						74,862
Financing								
APPROPRIATION, P.L. 115-245 (Base)		74,862						74,862
TOTAL FINANCING - FY 2019 PROGRAM		74,862						74,862
Footnotes: For Operation and Maintenance, the Below Threshold Reprogramming limitation is \$20 million.								

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Chemical Agents and Munitions Destruction, 2019/2020 (0390D)**2019**

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: Chem Agents - O&M								
01 Chem Demilitarization - O&M		31,135						31,135
FY 2019 Appropriated Base		31,135						
Subtotal Budget Activity 01: Chem Agents - O&M		31,135						31,135
Budget Activity 02: Chem Agents - RDT&E								
02 Chem Demilitarization - RDT&E		886,728						886,728
FY 2019 Appropriated Base		886,728						
Subtotal Budget Activity 02: Chem Agents - RDT&E		886,728						886,728
Grand Total Chemical Agents and Munitions Destruction, 2019/2020		917,863						917,863
Financing								
APPROPRIATION, P.L. 115-245 (Base)		917,863						917,863
TOTAL FINANCING - FY 2019 PROGRAM		917,863						917,863

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.

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title: Chemical Agents and Munitions Destruction, 2019/2021 (0390D)						Fiscal Year Program: 2019		
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: Chem Agents - Procurement 03 Chem Demilitarization - Proc FY 2019 Appropriated Base		1,091 1,091						1,091
Subtotal Budget Activity 03: Chem Agents - Procurement		1,091						1,091
Grand Total Chemical Agents and Munitions Destruction, 2019/2021		1,091						1,091
<i>Financing</i> APPROPRIATION, P.L. 115-245 (Base)		1,091						1,091
TOTAL FINANCING - FY 2019 PROGRAM		1,091						1,091
Footnotes: 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:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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 01: Basic Research								
01 0601384BP Chemical and Biological Defense Program FY 2019 Appropriated Base		42,103 42,103						42,103
Subtotal Budget Activity 01: Basic Research		42,103						42,103
Budget Activity 02: Applied Research								
02 0602384BP Chemical and Biological Defense Program FY 2019 Appropriated Base		192,674 192,674						192,674
Subtotal Budget Activity 02: Applied Research		192,674						192,674
Budget Activity 03: Advanced Technology Development								
03 0603384BP Chemical and Biological Defense Program - Advanced Development FY 2019 Appropriated Base		142,826 142,826						142,826
Subtotal Budget Activity 03: Advanced Technology Development		142,826						142,826
Budget Activity 04: Advanced Component Development and Prototypes								
04 0603884BP Chemical and Biological Defense Program - Dem/Val FY 2019 Appropriated Base 2 / Program delays		129,886 129,886				-14,000 (-14,000)		115,886
Subtotal Budget Activity 04: Advanced Component Development and Prototypes		129,886				-14,000		115,886
Budget Activity 05: System Development and Demonstration								
05 0604384BP Chemical and Biological Defense Program - EMD FY 2019 Appropriated Base 1 / Program increase - filtration systems 1 / Program increase - antiviral prophylaxis studies 2 / Program delays FFRDC Reductions (Section 8024)		388,701 388,701				-30,093 (2,000) (12,000) (-44,000) (-93)		358,608
Subtotal Budget Activity 05: System Development and Demonstration		388,701				-30,093		358,608
Budget Activity 06: Management Support								
06 0605384BP Chemical and Biological Defense Program FY 2019 Appropriated Base		102,883 102,883						102,883
Subtotal Budget Activity 06: Management Support		102,883						102,883

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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 System Development								
07 0607384BP Chemical and Biological Defense (Operational Systems Development) FY 2019 Appropriated Base 2 / Program delays		48,741 48,741				-5,000 (-5,000)		43,741
Subtotal Budget Activity 07: Operational System Development		48,741				-5,000		43,741
Subtotal Chemical and Biological Defense Program		1,047,814				-49,093		998,721
Classified Programs								
Budget Activity 07: Operational System Development								
07 XXXXXXXXXXA Classified Programs FY 2019 Appropriated Base 1 / Classified adjustment 1 / Classified adjustment 4 / Cyberspace Activities FY19 FY 2019 OCO (Title IX)		4,115,633 3,923,502 192,131				6,426 (1,500) (4,926)		4,122,059
Subtotal Budget Activity 07: Operational System Development		4,115,633				6,426		4,122,059
Subtotal Classified Programs		4,115,633				6,426		4,122,059
Defense Advanced Research Projects Agency								
Budget Activity 01: Basic Research								
01 0601101E Defense Research Sciences FY 2019 Appropriated Base 1 / DARPA foundational and applied artificial intelligence 2 / Program delays 4 / Cyberspace Activities FY19		422,130 422,130 				550 (15,000) (-14,450)		422,680
01 0601117E Basic Operational Medical Research Science FY 2019 Appropriated Base 1 / Program increase - TBI treatment for blast injuries 2 / Program delays		47,825 47,825 				-1,250 (5,000) (-6,250)		46,575
Subtotal Budget Activity 01: Basic Research		469,955				-700		469,255

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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 0602115E Biomedical Technology		101,300						101,300
FY 2019 Appropriated Base		101,300						
02 0602303E Information & Communications Technology		395,317				9,650		404,967
FY 2019 Appropriated Base		395,317						
1 / Program increase - DARPA foundational and applied artificial intelligence						(25,000)		
2 / Program delays						(-15,350)		
4 / Cyberspace Activities FY19								
02 0602383E Biological Warfare Defense		38,640				-5,000		33,640
FY 2019 Appropriated Base		38,640						
DARPA Undistributed Reduction						(-5,000)		
02 0602702E Tactical Technology		335,466				-26,000		309,466
FY 2019 Appropriated Base		335,466						
2 / Program delays						(-16,000)		
DARPA Undistributed Reduction						(-10,000)		
02 0602715E Materials and Biological Technology		226,898				-18,000		208,898
FY 2019 Appropriated Base		226,898						
2 / Program delays						(-8,000)		
DARPA Undistributed Reduction						(-10,000)		
02 0602716E Electronics Technology		333,847				15,000		348,847
FY 2019 Appropriated Base		333,847						
1 / Program increase - DARPA electronics resurgence initiative						(30,000)		
DARPA Undistributed Reduction						(-15,000)		
Subtotal Budget Activity 02: Applied Research		1,431,468				-24,350		1,407,118

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)

2019

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 0603286E Advanced Aerospace Systems		277,603				24,860		302,463
FY 2019 Appropriated Base		277,603						
1 / Program increase - hypersonic weapons programs development and transition						(30,000)		
FFRDC Reductions (Section 8024)						(-5,140)		
03 0603287E Space Programs and Technology		254,671						254,671
FY 2019 Appropriated Base		254,671						
03 0603739E Advanced Electronics Technologies		111,099						111,099
FY 2019 Appropriated Base		111,099						
03 0603760E Command, Control and Communications Systems		185,984						185,984
FY 2019 Appropriated Base		185,984						
03 0603766E Network-Centric Warfare Technology		438,569				-4,500		434,069
FY 2019 Appropriated Base		438,569						
2 / Program delays						(-4,500)		
03 0603767E Sensor Technology		190,128				-7,027		183,101
FY 2019 Appropriated Base		190,128						
2 / Program delays						(-7,027)		
Subtotal Budget Activity 03: Advanced Technology Development		1,458,054				13,333		1,471,387
Budget Activity 06: Management Support								
06 0605001E Mission Support		65,646						65,646
FY 2019 Appropriated Base		65,646						
06 0605898E Management HQ - R&D		13,643						13,643
FY 2019 Appropriated Base		13,643						
Subtotal Budget Activity 06: Management Support		79,289						79,289
Subtotal Defense Advanced Research Projects Agency		3,438,766				-11,717		3,427,049
Defense Contract Audit Agency								
Budget Activity 04: Advanced Component Development and Prototypes								
04 0300206R Enterprise Information Technology Systems		2,600						2,600
FY 2019 Appropriated Base		2,600						
Subtotal Budget Activity 04: Advanced Component Development and Prototypes		2,600						2,600
Subtotal Defense Contract Audit Agency		2,600						2,600

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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 05: System Development and Demonstration 05 0605013BL Information Technology Development FY 2019 Appropriated Base		11,988 11,988						11,988
Subtotal Budget Activity 05: System Development and Demonstration		11,988						11,988
Subtotal Defense Contract Management Agency		11,988						11,988
Defense Human Resource Activities Budget Activity 05: System Development and Demonstration 05 0605021SE Homeland Personnel Security Initiative FY 2019 Appropriated Base		296 296						296
Subtotal Budget Activity 05: System Development and Demonstration		296						296
Budget Activity 06: Management Support 06 0605803SE R&D in Support of DoD Enlistment, Testing and Evaluation FY 2019 Appropriated Base		24,914 24,914						24,914
Subtotal Budget Activity 06: Management Support		24,914						24,914
Subtotal Defense Human Resource Activities		25,210						25,210
Defense Information Systems Agency Budget Activity 05: System Development and Demonstration 05 0303141K Global Combat Support System FY 2019 Appropriated Base		2,512 2,512						2,512
Subtotal Budget Activity 05: System Development and Demonstration		2,512						2,512
Budget Activity 06: Management Support 06 0305172K Combined Advanced Applications FY 2019 Appropriated Base 06 0903235K Joint Service Provider (JSP) FY 2019 Appropriated Base		21,363 21,363 5,104 5,104						21,363 5,104
Subtotal Budget Activity 06: Management Support		26,467						26,467

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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	0208045K	C4I Interoperability		62,814						62,814
		FY 2019 Appropriated Base		62,814						
07	0302019K	Defense Info Infrastructure Engineering and Integration		16,561				-440		16,121
		FY 2019 Appropriated Base		16,561						
		FFRDC Reductions (Section 8024)						(-440)		
07	0303126K	Long-Haul Communications - DCS		14,769				-416		14,353
		FY 2019 Appropriated Base		14,769						
		FFRDC Reductions (Section 8024)						(-416)		
07	0303131K	Minimum Essential Emergency Communications Network (MEECN)		17,579						17,579
		FY 2019 Appropriated Base		17,579						
07	0303140K	Information Systems Security Program		19,611						19,611
		FY 2019 Appropriated Base		19,611						
	4 /	Cyberspace Activities FY19								
07	0303150K	Global Command and Control System		46,900						46,900
		FY 2019 Appropriated Base		46,900						
07	0303153K	Defense Spectrum Organization		7,570				-113		7,457
		FY 2019 Appropriated Base		7,570						
		FFRDC Reductions (Section 8024)						(-113)		
07	0303228K	Joint Information Environment (JIE)		7,947						7,947
		FY 2019 Appropriated Base		7,947						
07	0303430K	Federal Investigative Services Information Technology		39,400				16,000		55,400
		FY 2019 Appropriated Base		39,400						
		NBIS - DISA requested transfer from OM,DW BA01, SAG: Defense Information System Agency (4GT9)						(16,000)		
07	0305208K	Distributed Common Ground/Surface Systems		2,970						2,970
		FY 2019 Appropriated Base		2,970						
07	0708012K	Logistics Support Activities		1,317						1,317
		FY 2019 Appropriated Base		1,317						
07	1203610K	Teleport Program		2,323				-1,600		723
		FY 2019 Appropriated Base		2,323						
	2 /	Unjustified growth						(-1,600)		
Subtotal Budget Activity 07: Operational System Development				239,761				13,431		253,192
Subtotal Defense Information Systems Agency				268,740				13,431		282,171

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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 Logistics Agency								
Budget Activity 03: Advanced Technology Development								
03 0603680S Manufacturing Technology Program		49,667				14,970		64,637
FY 2019 Appropriated Base		49,667						
1 / Program increase - all solid-state battery development						(10,000)		
1 / Program increase - digital innovative design for reliable casting performance						(5,000)		
FFRDC Reductions (Section 8024)						(-30)		
03 0603712S Generic Logistics R&D Technology Demonstrations		11,778				7,000		18,778
FY 2019 Appropriated Base		11,778						
1 / Program increase - liquid hydrocarbon fuels						(7,000)		
03 0603720S Microelectronics Technology Development and Support		168,931				30,000		198,931
FY 2019 Appropriated Base		168,931						
1 / Program increase - trusted foundry						(30,000)		
Subtotal Budget Activity 03: Advanced Technology Development		230,376				51,970		282,346
Budget Activity 05: System Development and Demonstration								
05 0605070S DOD Enterprise Systems Development and Demonstration		3,173						3,173
FY 2019 Appropriated Base		3,173						
05 0605080S Defense Agency Initiatives (DAI) - Financial System		21,156						21,156
FY 2019 Appropriated Base		21,156						
05 0605090S Defense Retired and Annuitant Pay System (DRAS)		10,731						10,731
FY 2019 Appropriated Base		10,731						
Subtotal Budget Activity 05: System Development and Demonstration		35,060						35,060
Budget Activity 06: Management Support								
06 0606942S Assessments and Evaluations Cyber Vulnerabilities		4,000						4,000
FY 2019 Appropriated Base		4,000						
4 / Cyberspace Activities FY19								
Subtotal Budget Activity 06: Management Support		4,000						4,000
Budget Activity 07: Operational System Development								
07 0708012S Pacific Disaster Centers		1,770						1,770
FY 2019 Appropriated Base		1,770						
07 0708047S Defense Property Accountability System		1,805						1,805
FY 2019 Appropriated Base		1,805						
Subtotal Budget Activity 07: Operational System Development		3,575						3,575
Subtotal Defense Logistics Agency		273,011				51,970		324,981

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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 07: Operational System Development								
07 0605127T Regional International Outreach (RIO) and Partnership for Peace Information Mana		1,855						1,855
FY 2019 Appropriated Base		1,855						
07 0605147T Overseas Humanitarian Assistance Shared Information System (OHASIS)		304						304
FY 2019 Appropriated Base		304						
07 0607327T Global Theater Security Cooperation Management Information Systems (G-TSCMIS)		5,869						5,869
FY 2019 Appropriated Base		5,869						
Subtotal Budget Activity 07: Operational System Development		8,028						8,028
Subtotal Defense Security Cooperation Agency		8,028						8,028
Defense Security Service								
Budget Activity 07: Operational System Development								
07 0604130V Enterprise Security System (ESS)		9,750						9,750
FY 2019 Appropriated Base		9,750						
4 / Cyberspace Activities FY19								
07 0305327V Insider Threat		5,954						5,954
FY 2019 Appropriated Base		5,954						
4 / Cyberspace Activities FY19								
Subtotal Budget Activity 07: Operational System Development		15,704						15,704
Subtotal Defense Security Service		15,704						15,704
Defense Technical Information Center								
Budget Activity 06: Management Support								
06 0605801KA Defense Technical Information Center (DTIC)		56,853						56,853
FY 2019 Appropriated Base		56,853						
06 0605998KA Management HQ - Defense Technical Information Center (DTIC)		4,124						4,124
FY 2019 Appropriated Base		4,124						
Subtotal Budget Activity 06: Management Support		60,977						60,977
Subtotal Defense Technical Information Center		60,977						60,977

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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 Threat Reduction Agency								
Budget Activity 01: Basic Research								
01 0601000BR DTRA Basic Research FY 2019 Appropriated Base		37,023 37,023						37,023
Subtotal Budget Activity 01: Basic Research		37,023						37,023
Budget Activity 02: Applied Research								
02 0602718BR Counter Weapons of Mass Destruction Applied Research FY 2019 Appropriated Base		161,151 161,151				-5,227		155,924
2 / JIDO program decrease FFRDC Reductions (Section 8024)						(-4,000) (-1,227)		
Subtotal Budget Activity 02: Applied Research		161,151				-5,227		155,924
Budget Activity 03: Advanced Technology Development								
03 0603134BR Counter Improvised-Threat Simulation FY 2019 OCO (Title IX)		13,648 13,648						13,648
03 0603160BR Counter Weapons of Mass Destruction Advanced Technology Development FY 2019 Appropriated Base		299,858 299,858				-19,000		280,858
1 / Program increase - target sensing technologies 2 / JIDO program decrease						(10,000) (-29,000)		
Subtotal Budget Activity 03: Advanced Technology Development		313,506				-19,000		294,506
Budget Activity 04: Advanced Component Development and Prototypes								
04 0604134BR Counter Improvised-Threat Demonstration, Prototype Development, and Testing FY 2019 Appropriated Base		255,661 12,993				-86,023		169,638
2 / JIDO program decrease FY 2019 OCO (Title IX)		242,668				(-12,993)		
1 / Program increase - hyperspectral IED detection 2 / JIDO program adjustment FFRDC Reductions (Section 8024)						(3,500) (-76,000) (-530)		
Subtotal Budget Activity 04: Advanced Component Development and Prototypes		255,661				-86,023		169,638
Budget Activity 05: System Development and Demonstration								
05 0605000BR Counter Weapons of Mass Destruction Systems Development FY 2019 Appropriated Base		6,163 6,163						6,163
Subtotal Budget Activity 05: System Development and Demonstration		6,163						6,163
Subtotal Defense Threat Reduction Agency		773,504				-110,250		663,254

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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
Missile Defense Agency								
Budget Activity 03: Advanced Technology Development								
03 0603176C Advanced Concepts and Performance Assessment		13,017						13,017
FY 2019 Appropriated Base		13,017						
4 / Cyberspace Activities FY19								
03 0603178C Weapons Technology						13,400		13,400
FY 2019 Appropriated Base								
1 / Program increase - hypersonic defense						(13,400)		
03 0603180C Advanced Research		20,365				22,200		42,565
FY 2019 Appropriated Base		20,365						
1 / Program increase - hypersonic defense						(22,200)		
03 0603294C Common Kill Vehicle Technology		189,753				-133,000		56,753
FY 2019 Appropriated Base		189,753						
2 / Unjustified growth						(-55,000)		
Low power laser demonstrator prototypes post-PDR risk reduction through CDR only - transfer to line 92 (BA04, PE 0604115C: Technology Maturation Initiatives)						(-78,000)		
Subtotal Budget Activity 03: Advanced Technology Development		223,135				-97,400		125,735

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)

2019

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: Advanced Component Development and Prototypes									
04	0603881C		214,173				174,100		388,273
	Ballistic Missile Defense Terminal Defense Segment		214,173						
	FY 2019 Appropriated Base								
	1 / Program increase - USFK JEON unfunded requirement						(184,100)		
	2 / THAAD software delays						(-10,000)		
	4 / Cyberspace Activities FY19								
04	0603882C		926,359				-123,000		803,359
	Ballistic Missile Defense Midcourse Defense Segment		926,359						
	FY 2019 Appropriated Base								
	1 / Program increase - improved discrimination capabilities						(25,000)		
	1 / Program increase - cybersecurity enhancements						(10,000)		
	2 / Additional boosters - requirement funded in fiscal year 2018						(-52,000)		
	2 / Acceleration of Fort Greely silos - requirement funded in fiscal year 2018						(-65,000)		
	2 / Missile field components - Missile Defense Agency identified excess to need						(-19,400)		
	Missile field components - transfer to P,DW (BA01, line 27, Ground Based Midcourse)						(-21,600)		
	4 / Cyberspace Activities FY19								
04	0603884C		220,876				164,499		385,375
	Ballistic Missile Defense Sensors		220,876						
	FY 2019 Appropriated Base								
	1 / Program increase - USFK JEON unfunded requirement						(24,000)		
	1 / Program increase - improved discrimination capabilities						(93,000)		
	1 / Program increase - cybersecurity enhancements						(5,000)		
	1 / Program increase - system engineering enhancements						(16,300)		
	1 / Program increase - AN/TPY-2 radar improvements						(40,000)		
	2 / Program operations unjustified request						(-8,801)		
	Homeland defense radar - Pacific study - transfer to line 100 (BA04, PE 0604673C: Pacific Discriminating Radar)						(-5,000)		
	4 / Cyberspace Activities FY19								
04	0603890C		540,926				79,905		620,831
	BMD Enabling Programs		540,926						
	FY 2019 Appropriated Base								
	1 / Program increase - improved discrimination capabilities						(4,000)		
	1 / Program increase - cybersecurity enhancements						(40,000)		
	1 / Program increase - systems engineering enhancements						(34,100)		
	1 / Program increase - cyber assessments						(16,200)		
	2 / MC30 efforts previously funded						(-4,200)		
	2 / MD31 excess growth						(-6,600)		
	FFRDC Reductions (Section 8024)						(-3,595)		
	4 / Cyberspace Activities FY19								
04	0603891C		422,348						422,348
	Special Programs - MDA		422,348						
	FY 2019 Appropriated Base								

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04	0603892C	AEGIS BMD		767,539				-26,463		741,076
		FY 2019 Appropriated Base		767,539						
		1 / Program increase - improved discrimination capabilities						(4,000)		
		2 / Weapon system capability insertion early to need						(-30,463)		
		4 / Cyberspace Activities FY19								
04	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communication		475,168				32,649		507,817
		FY 2019 Appropriated Base		475,168						
		1 / Program increase - mobile sensor integration						(33,500)		
		1 / Program increase - cybersecurity enhancements						(10,000)		
		2 / Spiral 8.2-3 scope adjustment						(-3,751)		
		2 / BMDS increment 8 early to need						(-7,100)		
		4 / Cyberspace Activities FY19								
04	0603898C	Ballistic Missile Defense Joint Warfighter Support		48,767						48,767
		FY 2019 Appropriated Base		48,767						
		4 / Cyberspace Activities FY19								
04	0603904C	Missile Defense Integration & Operations Center (MDIOC)		54,925				3,200		58,125
		FY 2019 Appropriated Base		54,925						
		Program increase - facilities, sustainment, restoration and modernization - transfer from line 78 (BA04, PE 0603892C: AEGIS BMD)						(3,200)		
		4 / Cyberspace Activities FY19								
04	0603906C	Regarding Trench		16,916						16,916
		FY 2019 Appropriated Base		16,916						
04	0603907C	Sea Based X-Band Radar (SBX)		149,715				-13,000		136,715
		FY 2019 Appropriated Base		149,715						
		2 / Software upgrade - requirement funded in fiscal year 2018						(-13,000)		
04	0603913C	Israeli Cooperative Programs		300,000						300,000
		FY 2019 Appropriated Base		300,000						
04	0603914C	Ballistic Missile Defense Test		365,681				150,216		515,897
		FY 2019 Appropriated Base		365,681						
		1 / Program increase - USFK JEON unfunded requirement						(71,900)		
		1 / Program increase - cybersecurity enhancements						(20,000)		
		1 / Program increase - HALO replacement						(32,267)		
		1 / Program increase - facilities, sustainment, restoration and modernization						(26,049)		
		4 / Cyberspace Activities FY19								

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04	0603915C	Ballistic Missile Defense Targets FY 2019 Appropriated Base		517,852				43,500		561,352
		1 / Program increase - USFK JEON unfunded requirement		517,852				(4,500)		
		1 / Program increase - cybersecurity enhancements						(5,000)		
		1 / Program increase - special programs target						(70,000)		
		2 / Acceleration of boosters - requirement funded in fiscal year 2018						(-36,000)		
		4 / Cyberspace Activities FY19								
04	0604115C	Technology Maturation Initiatives FY 2019 Appropriated Base		148,822				168,000		316,822
		1 / Program increase - cybersecurity enhancements		148,822				(5,000)		
		1 / Program increase - laser scaling for boost phase intercept						(85,000)		
		Low power laser demonstrator prototypes post-PDR risk reduction through CDR only - transfer from line 39 (BA03, PE 0603294C: Common Kill Vehicle Technology)						(78,000)		
		4 / Cyberspace Activities FY19								
04	0604181C	Hypersonic Defense FY 2019 Appropriated Base		120,444				10,500		130,944
		1 / Program increase - hypersonic defense		120,444				(10,500)		
04	0604672C	Homeland Defense Radar-Hawaii FY 2019 Appropriated Base						62,221		62,221
		Homeland defense radar - Hawaii - transfer from line 100 (BA04, PE 0604673C: Pacific Discriminating Radar)						(62,221)		
04	0604673C	Pacific Discriminating Radar FY 2019 Appropriated Base		95,765				-79,839		15,926
		2 / MD51 early to need		95,765				(-22,618)		
		Homeland defense radar - Pacific study - transfer from line 75 (BA04, PE 0603884C: Ballistic Missile Defense Sensors)						(5,000)		
		Homeland defense radar - Hawaii - transfer to line 100A (BA04, PE 0604672C: Homeland Defense Radar - Hawaii)						(-62,221)		
04	0604873C	Long Range Discrimination Radar (LRDR) FY 2019 Appropriated Base		164,562				1,981		166,543
		Program increase - facilities, sustainment, restoration and modernization - transfer from line 78 (BA04, PE 0603892C: AEGIS BMD)		164,562				(1,981)		
04	0604874C	Improved Homeland Defense Interceptors FY 2019 Appropriated Base		561,220				-139,400		421,820
		2 / Acceleration of boosters - requirement funded in fiscal year 2018		561,220				(-139,400)		
04	0604876C	Ballistic Missile Defense Terminal Defense Segment Test FY 2019 Appropriated Base		61,017						61,017
				61,017						

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04	0604878C	Aegis BMD Test FY 2019 Appropriated Base		95,756 95,756				-3,596		92,160
		FFRDC Reductions (Section 8024)						(-3,596)		
04	0604879C	Ballistic Missile Defense Sensor Test FY 2019 Appropriated Base		81,001 81,001				-3,596		77,405
		FFRDC Reductions (Section 8024)						(-3,596)		
04	0604880C	Land-Based SM-3 (LBSM3) FY 2019 Appropriated Base		27,692 27,692						27,692
	4 /	Cyberspace Activities FY19								
04	0604887C	Ballistic Missile Defense Midcourse Segment Test FY 2019 Appropriated Base		81,934 81,934				-9,300		72,634
	2 /	Acceleration of boosters - requirement funded in fiscal year 2018						(-9,300)		
04	0604894C	Multi-Object Kill Vehicle FY 2019 Appropriated Base		8,256 8,256				-1,756		6,500
	2 /	Unjustified growth						(-1,756)		
04	0305103C	Cyber Security Initiative FY 2019 Appropriated Base		985 985						985
	4 /	Cyberspace Activities FY19								
04	1206893C	Space Tracking & Surveillance System FY 2019 Appropriated Base		36,955 36,955						36,955
	4 /	Cyberspace Activities FY19								
04	1206895C	Ballistic Missile Defense System Space Programs FY 2019 Appropriated Base		16,484 16,484				78,000		94,484
	1 /	Program increase - cybersecurity enhancements						(5,000)		
	1 /	Program increase - missile defense tracking system						(73,000)		
	4 /	Cyberspace Activities FY19								
Subtotal Budget Activity 04: Advanced Component Development and Prototypes				6,522,138				568,821		7,090,959
Budget Activity 06: Management Support										
06	0606942C	Assessments and Evaluations Cyber Vulnerabilities FY 2019 Appropriated Base		3,400 3,400						3,400
	4 /	Cyberspace Activities FY19								
06	0901598C	Management HQ - MDA FY 2019 Appropriated Base		28,626 28,626						28,626
Subtotal Budget Activity 06: Management Support				32,026						32,026
Subtotal Missile Defense Agency				6,777,299				471,421		7,248,720

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National Security Agency								
Budget Activity 07: Operational System Development								
07 0303136G Key Management Infrastructure (KMI)		31,737						31,737
FY 2019 Appropriated Base		31,737						
4 / Cyberspace Activities FY19								
07 0303140G Information Systems Security Program		229,252				-870		228,382
FY 2019 Appropriated Base		229,252						
FFRDC Reductions (Section 8024)						(-870)		
4 / Cyberspace Activities FY19								
Subtotal Budget Activity 07: Operational System Development		260,989				-870		260,119
Subtotal National Security Agency		260,989				-870		260,119
Office of the Secretary of Defense								
Budget Activity 01: Basic Research								
01 0601110D8Z Basic Research Initiatives		42,702				13,871		56,573
FY 2019 Appropriated Base		42,702						
1 / Program increase - Minerva research initiative						(2,000)		
1 / Program increase - DEPCOR						(12,000)		
FFRDC Reductions (Section 8024)						(-129)		
01 0601120D8Z National Defense Education Program		85,919				49,691		135,610
FY 2019 Appropriated Base		85,919						
1 / Basic research program increase						(35,000)		
1 / Manufacturing engineering education program						(15,000)		
FFRDC Reductions (Section 8024)						(-309)		
01 0601228D8Z Historically Black Colleges and Universities/Minority Institutions		30,412				9,908		40,320
FY 2019 Appropriated Base		30,412						
1 / Program increase						(10,000)		
FFRDC Reductions (Section 8024)						(-92)		
Subtotal Budget Activity 01: Basic Research		159,033				73,470		232,503

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Budget Activity 02: Applied Research								
02 0602000D8Z Joint Munitions Technology FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		19,170 19,170				-44 (-44)		19,126
02 0602234D8Z Lincoln Laboratory Research Program FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		51,596 51,596				-117 (-117)		51,479
4 / Cyberspace Activities FY19 02 0602251D8Z Applied Research for the Advancement of S&T Priorities FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		60,688 60,688				-138 (-138)		60,550
02 0602668D8Z Cyber Security Research FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		14,969 14,969				-34 (-34)		14,935
4 / Cyberspace Activities FY19 02 0602751D8Z Software Engineering Institute (SEI) Applied Research FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		9,300 9,300				-21 (-21)		9,279
4 / Cyberspace Activities FY19								
Subtotal Budget Activity 02: Applied Research		155,723				-354		155,369
Budget Activity 03: Advanced Technology Development								
03 0603000D8Z Joint Munitions Advanced Technology FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		25,598 25,598				-58 (-58)		25,540
03 0603122D8Z Combating Terrorism Technology Support FY 2019 Appropriated Base 1 / Program increase - Israeli tunneling 1 / Program increase 1 / EOD equipment upgrades and technology enhancements 2 / Unjustified growth Transfer funding from line 24 OCO (BA03, PE 0603122D8Z: Combating Terrorism Technology Support) (OCO to Base Transfer) Anti-Tunneling FFRDC Reductions (Section 8024)		150,271 125,271				21,050 (47,500) (3,000) (1,000) (-30,000) (25,000)		171,321
FY 2019 OCO (Title IX) Transfer funding to title IV RD,DW line 24 (BA03, PE 0603122D8Z: Combating Terrorism Technology Support) (OCO to Base) for anti-tunneling		25,000				(-450) (-25,000)		

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03	0603133D8Z	Foreign Comparative Testing FY 2019 Appropriated Base		24,532 24,532				-255		24,277
	1 /	Program increase						(2,000)		
	2 /	Prior year carryover						(-2,200)		
		FFRDC Reductions (Section 8024)						(-55)		
03	0603225D8Z	Joint DoD-DoE Munitions Technology Development FY 2019 Appropriated Base		18,644 18,644				-42		18,602
		FFRDC Reductions (Section 8024)						(-42)		
03	0603288D8Z	Analytic Assessments FY 2019 Appropriated Base		19,472 19,472				-1,042		18,430
	2 /	Prior year carryover						(-1,000)		
		FFRDC Reductions (Section 8024)						(-42)		
03	0603289D8Z	Advanced Innovative Analysis and Concepts FY 2019 Appropriated Base		37,263 37,263				-85		37,178
		FFRDC Reductions (Section 8024)						(-85)		
03	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA FY 2019 Appropriated Base		13,621 13,621				-31		13,590
		FFRDC Reductions (Section 8024)						(-31)		
03	0603375D8Z	Technology Innovation FY 2019 Appropriated Base		83,143 83,143				-50,075		33,068
	2 /	Program decrease						(-50,000)		
		FFRDC Reductions (Section 8024)						(-75)		
03	0603527D8Z	RETRACT LARCH FY 2019 Appropriated Base		161,128 161,128				-366		160,762
		FFRDC Reductions (Section 8024)						(-366)		
03	0603618D8Z	Joint Electronic Advanced Technology FY 2019 Appropriated Base		12,918 12,918				-29		12,889
		FFRDC Reductions (Section 8024)						(-29)		
03	0603648D8Z	Joint Capability Technology Demonstrations FY 2019 Appropriated Base		106,049 106,049				-241		105,808
		FFRDC Reductions (Section 8024)						(-241)		
03	0603662D8Z	Networked Communications Capabilities FY 2019 Appropriated Base		12,696 12,696				-29		12,667
		FFRDC Reductions (Section 8024)						(-29)		

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03	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program		114,637				59,852		174,489
		FY 2019 Appropriated Base		114,637						
	1 /	Program increase - National security technology accelerator						(15,000)		
	1 /	Program increase - manufacturing engineering programs						(5,000)		
	1 /	Program increase - manufacturing innovation institutes						(10,250)		
	1 /	Program increase - advanced manufacturing						(30,000)		
		FFRDC Reductions (Section 8024)						(-398)		
03	0603699D8Z	Emerging Capabilities Technology Development		48,338				12,362		60,700
		FY 2019 Appropriated Base		48,338						
	1 /	Program increase - disruptive technology and operational concept for air and missile defense						(7,500)		
	1 /	Program increase - high-altitude optical reconnaissance unit and sensors						(10,000)		
	2 /	Prior year carryover						(-5,000)		
		FFRDC Reductions (Section 8024)						(-138)		
03	0603716D8Z	Strategic Environmental Research Program		76,514				-174		76,340
		FY 2019 Appropriated Base		76,514						
		FFRDC Reductions (Section 8024)						(-174)		
03	0603727D8Z	Joint Warfighting Program		5,992				-14		5,978
		FY 2019 Appropriated Base		5,992						
		FFRDC Reductions (Section 8024)						(-14)		
03	0603769D8Z	Distributed Learning Advanced Technology Development		13,564						13,564
		FY 2019 Appropriated Base		13,564						
03	0604775D8Z	Defense Rapid Innovation Program								
		FY 2019 Appropriated Base								
	1 /	Program increase						(250,000)		
	3 /	Realignment for Proper Execution (to BA 04 PE 0604775D8Z: Defense Rapid Innovation Program)						(-250,000)		
03	0603781D8Z	Software Engineering Institute		15,050				-34		15,016
		FY 2019 Appropriated Base		15,050						
		FFRDC Reductions (Section 8024)						(-34)		
	4 /	Cyberspace Activities FY19								
03	0603826D8Z	Quick Reaction Special Projects		69,626				-10,136		59,490
		FY 2019 Appropriated Base		69,626						
	2 /	Prior year carryover						(-10,000)		
		FFRDC Reductions (Section 8024)						(-136)		
03	0603833D8Z	Engineering Science & Technology		19,415				-44		19,371
		FY 2019 Appropriated Base		19,415						
		FFRDC Reductions (Section 8024)						(-44)		

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03	0603924D8Z	High Energy Laser Advanced Technology Program FY 2019 Appropriated Base		69,533 69,533				4,831		74,364
	1 /	Program increase						(5,000)		
		FFRDC Reductions (Section 8024)						(-169)		
03	0603941D8Z	Test & Evaluation Science & Technology FY 2019 Appropriated Base		96,389 96,389				21,000		117,389
	1 /	Program increase - additive manufacturing for hypersonic affordability						(5,000)		
	1 /	Program increase - advanced technology development						(16,000)		
03	0604055D8Z	Operational Energy Capability Improvement FY 2019 Appropriated Base		40,582 40,582				4,896		45,478
	1 /	Program increase						(5,000)		
		FFRDC Reductions (Section 8024)						(-104)		
03	0303310D8Z	CWMD Systems FY 2019 Appropriated Base		26,644 26,644				-61		26,583
		FFRDC Reductions (Section 8024)						(-61)		
Subtotal Budget Activity 03: Advanced Technology Development				1,261,619				61,275		1,322,894
Budget Activity 04: Advanced Component Development and Prototypes										
04	0604775D8Z	Defense Rapid Innovation Program FY 2019 Appropriated Base						249,432		249,432
	3 /	Realignment for Proper Execution (from BA03, PE 0604775D8Z: Defense Rapid Innovation fund to BA04, PE 0604775D8Z: Defense Rapid Innovation Program)						(250,000)		
		FFRDC Reductions (Section 8024)						(-568)		
04	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P FY 2019 Appropriated Base		28,140 28,140				-64		28,076
		FFRDC Reductions (Section 8024)						(-64)		
04	0603600D8Z	WALKOFF FY 2019 Appropriated Base		92,222 92,222				-210		92,012
		FFRDC Reductions (Section 8024)						(-210)		
04	0603821D8Z	Acquisition Enterprise Data & Information Services FY 2019 Appropriated Base		2,506 2,506				-6		2,500
		FFRDC Reductions (Section 8024)						(-6)		
04	0603851D8Z	Environmental Security Technical Certification Program FY 2019 Appropriated Base		40,016 40,016				1,909		41,925
	1 /	Program increase - technology demonstration program						(2,000)		
		FFRDC Reductions (Section 8024)						(-91)		

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04	0603920D8Z	Humanitarian Demining FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		11,347 11,347				-85 (-85)		11,262
04	0603923D8Z	Coalition Warfare FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		8,528 8,528				-19 (-19)		8,509
04	0604016D8Z	Department of Defense Corrosion Program FY 2019 Appropriated Base 1 / Program increase FFRDC Reductions (Section 8024)		3,477 3,477				4,981 (5,000) (-19)		8,458
04	0604132D8Z	Missile Defeat Project FY 2019 Appropriated Base 2 / Classified adjustment FFRDC Reductions (Section 8024)		58,607 58,607				-15,099 (-15,000) (-99)		43,508
04	0604250D8Z	Advanced Innovative Technologies FY 2019 Appropriated Base 1 / Program increase - machine learning and advanced manufacturing 1 / Program increase - quartermaster pathfinder 2 / Excess growth FFRDC Reductions (Section 8024)		1,431,702 1,431,702				-44,163 (25,000) (40,000) (-106,000) (-3,163)		1,387,539
04	0604532D8Z	Joint Artificial Intelligence FY 2019 Appropriated Base 1 / Program increase - artificial intelligence FFRDC Reductions (Section 8024)						12,970 (13,000) (-30)		12,970
04	0604294D8Z	Trusted & Assured Microelectronics FY 2019 Appropriated Base 1 / Program increase - next generation microelectronics 1 / Program increase - joint federated assurance center FFRDC Reductions (Section 8024)		233,142 233,142				289,808 (281,000) (10,000) (-1,192)		522,950
04	0604331D8Z	Rapid Prototyping Program FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		99,333 99,333				-226 (-226)		99,107
04	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development FY 2019 Appropriated Base 1 / Program increase - unmanned traffic management FFRDC Reductions (Section 8024)		3,781 3,781				3,982 (4,000) (-18)		7,763
04	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA) FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		3,768 3,768				-9 (-9)		3,759

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2019

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	0303191D8Z	Joint Electromagnetic Technology (JET) Program FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		3,104 3,104				-7 (-7)		3,097
Subtotal Budget Activity 04: Advanced Component Development and Prototypes				2,019,673				503,194		2,522,867
Budget Activity 05: System Development and Demonstration										
05	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		8,333 8,333				-19 (-19)		8,314
05	0604165D8Z	Prompt Global Strike Capability Development FY 2019 Appropriated Base		263,414 263,414				202,438		465,852
	1 /	Program increase - quiet hypersonics research						(10,000)		
	1 /	Program increase - program acceleration						(186,000)		
	1 /	Program increase						(7,500)		
		FFRDC Reductions (Section 8024)						(-1,062)		
05	0604771D8Z	Joint Tactical Information Distribution System (JTIDS) FY 2019 Appropriated Base		19,503 19,503				14,922		34,425
	1 /	Program increase - antenna technology						(5,000)		
	1 /	Program increase - integrated kinetic and non-kinetic nodal analysis						(10,000)		
		FFRDC Reductions (Section 8024)						(-78)		
05	0605022D8Z	Defense Exportability Program FY 2019 Appropriated Base		1,489 1,489				-3		1,486
		FFRDC Reductions (Section 8024)						(-3)		
05	0605027D8Z	OUSDC(C) IT Development Initiatives FY 2019 Appropriated Base		9,590 9,590				-22		9,568
		FFRDC Reductions (Section 8024)						(-22)		
05	0605075D8Z	DCMO Policy and Integration FY 2019 Appropriated Base		2,105 2,105				-5		2,100
		FFRDC Reductions (Section 8024)						(-5)		
05	0605210D8Z	Defense-Wide Electronic Procurement Capabilities FY 2019 Appropriated Base		6,374 6,374				-15		6,359
		FFRDC Reductions (Section 8024)						(-15)		
05	0605294D8Z	Trusted & Assured Microelectronics FY 2019 Appropriated Base		56,178 56,178				39,781		95,959
	1 /	Program increase - next generation microelectronics						(40,000)		
		FFRDC Reductions (Section 8024)						(-219)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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	0305304D8Z	DoD Enterprise Energy Information Management (EEIM) FY 2019 Appropriated Base		2,435				-6		2,429
		FFRDC Reductions (Section 8024)		2,435				(-6)		
05	0305310D8Z	CWMD Systems: System Development and Demonstration FY 2019 Appropriated Base		17,048				-39		17,009
		FFRDC Reductions (Section 8024)		17,048				(-39)		
Subtotal Budget Activity 05: System Development and Demonstration				386,469				257,032		643,501
Budget Activity 06: Management Support										
06	0604774D8Z	Defense Readiness Reporting System (DRRS) FY 2019 Appropriated Base		6,661				-54		6,607
		FFRDC Reductions (Section 8024)		6,661				(-54)		
06	0604875D8Z	Joint Systems Architecture Development FY 2019 Appropriated Base		4,088				-9		4,079
		FFRDC Reductions (Section 8024)		4,088				(-9)		
06	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP) FY 2019 Appropriated Base		258,796				11,217		270,013
		1 / Program increase		258,796				(3,000)		
		1 / Program increase - defense threat center of excellence						(9,300)		
		FFRDC Reductions (Section 8024)						(-1,083)		
06	0604942D8Z	Assessments and Evaluations FY 2019 Appropriated Base		31,356				-71		31,285
		FFRDC Reductions (Section 8024)		31,356				(-71)		
06	0605100D8Z	Joint Mission Environment Test Capability (JMETC) FY 2019 Appropriated Base		84,184				4,000		88,184
		1 / Program increase - cyber range capacity and development		84,184				(4,000)		
06	0605104D8Z	Technical Studies, Support and Analysis FY 2019 Appropriated Base		22,576				-51		22,525
		FFRDC Reductions (Section 8024)		22,576				(-51)		
06	0605128D8Z	CLASSIFIED PROGRAM USD(P) FY 2019 Appropriated Base						103,000		103,000
		1 / Classified adjustment						(103,000)		
06	0605142D8Z	Systems Engineering FY 2019 Appropriated Base		38,872				-88		38,784
		FFRDC Reductions (Section 8024)		38,872				(-88)		
06	0605151D8Z	Studies and Analysis Support - OSD FY 2019 Appropriated Base		3,534						3,534
				3,534						
06	0605161D8Z	Nuclear Matters-Physical Security FY 2019 Appropriated Base		5,050				-11		5,039
		FFRDC Reductions (Section 8024)		5,050				(-11)		

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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
06	0605170D8Z	Support to Networks and Information Integration FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		11,450 11,450				-26 (-26)		11,424
06	0605200D8Z	General Support to USD (Intelligence) FY 2019 Appropriated Base		1,693 1,693				4,000		5,693
	1 /	Program increase - academic support						(4,000)		
06	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		2,545 2,545				-6 (-6)		2,539
06	0605798D8Z	Defense Technology Analysis FY 2019 Appropriated Base		24,487 24,487				2,938		27,425
	1 /	Program increase - defense lab transfer and transition manufacturing FFRDC Reductions (Section 8024)						(3,000) (-62)		
06	0605804D8Z	Development Test and Evaluation FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		20,179 20,179				-46 (-46)		20,133
06	0606100D8Z	Budget and Program Assessments FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		5,768 5,768				-13 (-13)		5,755
06	0606225D8Z	ODNA Technology and Resource Analysis FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		1,030 1,030				-2 (-2)		1,028
06	0203345D8Z	Defense Operations Security Initiative (DOSI) FY 2019 Appropriated Base		3,008 3,008				6,977		9,985
	1 /	Program increase - defense operations security initiative FFRDC Reductions (Section 8024)						(7,000) (-23)		
06	0303260D8Z	Defense Military Deception Program Office (DMDPO) FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		1,005 1,005				-2 (-2)		1,003
06	0305245D8Z	Intelligence Capabilities and Innovation Investments FY 2019 Appropriated Base		109,529 109,529				80,000		189,529
	1 /	Program increase - Project Maven						(80,000)		
06	0306310D8Z	CWMD Systems: RDT&E Management Support FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		1,244 1,244				-3 (-3)		1,241
Subtotal Budget Activity 06: Management Support				637,055				211,750		848,805

Base for Reprogramming Actions

(Dollars in Thousands)

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Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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 System Development								
07 0607210D8Z Industrial Base Analysis and Sustainment Support		10,376				38,389		48,765
FY 2019 Appropriated Base		10,376						
1 / Program increase						(3,500)		
1 / Program increase - expand manufacturing capability for cold rolled aluminum						(10,000)		
1 / Program increase - large scale classified electron beam welding						(15,000)		
1 / Program increase - risk reduction for tungsten defense products						(10,000)		
FFRDC Reductions (Section 8024)						(-111)		
07 0607310D8Z CWMD Systems: Operational Systems Development		5,915				-13		5,902
FY 2019 Appropriated Base		5,915						
FFRDC Reductions (Section 8024)						(-13)		
07 0303140D8Z Information Systems Security Program		7,940				9,959		17,899
FY 2019 Appropriated Base		7,940						
1 / Program increase - cyber scholarships						(10,000)		
FFRDC Reductions (Section 8024)						(-41)		
4 / Cyberspace Activities FY19								
07 0305186D8Z Policy R&D Programs		6,262				-72		6,190
FY 2019 Appropriated Base		6,262						
FFRDC Reductions (Section 8024)						(-72)		
07 0305199D8Z Net Centricity		16,780				-38		16,742
FY 2019 Appropriated Base		16,780						
FFRDC Reductions (Section 8024)						(-38)		
07 0305387D8Z Homeland Defense Technology Transfer Program		2,198				-1,061		1,137
FY 2019 Appropriated Base		2,198						
2 / Prior year carryover						(-1,000)		
FFRDC Reductions (Section 8024)						(-61)		
07 0307577D8Z Intelligence Mission Data (IMD)		6,889						6,889
FY 2019 Appropriated Base		6,889						
Subtotal Budget Activity 07: Operational System Development		56,360				47,164		103,524
Subtotal Office of the Secretary of Defense		4,675,932				1,153,531		5,829,463

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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
Special Operations Command								
Budget Activity 02: Applied Research								
02 1160401BB SOF Technology Development FY 2019 Appropriated Base		35,921 35,921						35,921
Subtotal Budget Activity 02: Applied Research		35,921						35,921
Budget Activity 03: Advanced Technology Development								
03 1160402BB SOF Advanced Technology Development FY 2019 Appropriated Base		79,380 79,380						79,380
Subtotal Budget Activity 03: Advanced Technology Development		79,380						79,380
Budget Activity 07: Operational System Development								
07 0305208BB Distributed Common Ground/Surface Systems FY 2019 Appropriated Base		6,286 6,286						6,286
07 1105219BB MQ-9 UAV FY 2019 Appropriated Base		18,403 18,403						18,403
07 1160403BB Aviation Systems FY 2019 Appropriated Base		184,993 184,993				-9,131		175,862
1 / Program increase - VTOL UAS research						(3,000)		
2 / PSP high energy laser program decrease						(-7,000)		
2 / TFTA training systems development early to need						(-3,879)		
2 / Insufficient budget justification - EC-130J risk reduction						(-1,252)		
07 1160405BB Intelligence Systems Development FY 2019 Appropriated Base		10,625 10,625						10,625
07 1160408BB Operational Enhancements FY 2019 Appropriated Base		105,939 102,307				-3,000		102,939
2 / Classified adjustment FY 2019 OCO (Title IX)		3,632				(-3,000)		
07 1160431BB Warrior Systems FY 2019 Appropriated Base		57,982 46,942				16,600		74,582
1 / Program increase - distributable audio media and next generation loudspeaker						(6,000)		
1 / Program increase - rotary wing aviation helmet						(1,500)		
1 / Program increase - small glide munition UAS integration						(15,000)		
2 / Ordnance items DTE excess growth						(-4,000)		
2 / RC-IED test and evaluation excess growth FY 2019 OCO (Title IX)		11,040				(-1,900)		
07 1160432BB Special Programs FY 2019 Appropriated Base		2,479 2,479						2,479

Base for Reprogramming Actions

(Dollars in Thousands)

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Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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	1160434BB	Unmanned ISR FY 2019 Appropriated Base		38,970 27,270				6,000		44,970
	1 /	Program increase - UAS anti-icing						(6,000)		
		FY 2019 OCO (Title IX)		11,700						
07	1160480BB	SOF Tactical Vehicles FY 2019 Appropriated Base		1,846 1,121						1,846
		FY 2019 OCO (Title IX)		725						
07	1160483BB	Maritime Systems FY 2019 Appropriated Base		42,471 42,471						42,471
07	1160489BB	Global Video Surveillance Activities FY 2019 Appropriated Base		4,780 4,780						4,780
07	1160490BB	Operational Enhancements Intelligence FY 2019 Appropriated Base		12,176 12,176						12,176
Subtotal Budget Activity 07: Operational System Development				486,950				10,469		497,419
Subtotal Special Operations Command				602,251				10,469		612,720
The Joint Staff										
Budget Activity 04: Advanced Component Development and Prototypes										
04	0604826J	Joint C5 Capability Development, Integration and interoperability Assessments FY 2019 Appropriated Base		22,435 22,435						22,435
Subtotal Budget Activity 04: Advanced Component Development and Prototypes				22,435						22,435
Budget Activity 06: Management Support										
06	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO) FY 2019 Appropriated Base		52,565 52,565						52,565
06	0204571J	Joint Staff Analytical Support FY 2019 Appropriated Base		6,658 6,658				10,000		16,658
	1 /	Program increase - enhanced wargaming capability						(10,000)		
06	0303166J	Support to Information Operations (IO) Capabilities FY 2019 Appropriated Base		652 652						652
	4 /	Cyberspace Activities FY19								
06	0804768J	COCOM Exercise Engagement and Training Transformation (CE2T2) - non-MHA FY 2019 Appropriated Base		42,940 42,940				-287		42,653
		FFRDC Reductions (Section 8024)						(-287)		
Subtotal Budget Activity 06: Management Support				102,815				9,713		112,528

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)**2019**

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 07: Operational System Development								
07 0208043J Planning and Decision Aid System (PDAS) FY 2019 Appropriated Base		3,037 3,037						3,037
Subtotal Budget Activity 07: Operational System Development		3,037						3,037
Subtotal The Joint Staff		128,287				9,713		138,000
Washington Headquarters Services								
Budget Activity 03: Advanced Technology Development								
03 0603342D8W Defense Innovation Unit Experimental (DIUx) FY 2019 Appropriated Base FFRDC Reductions (Section 8024)		29,364 29,364				-166 (-166)		29,198
Subtotal Budget Activity 03: Advanced Technology Development		29,364				-166		29,198
Budget Activity 06: Management Support								
06 0606589D8W Defense Digital Service (DDS) Development Support FY 2019 Appropriated Base		1,000 1,000						1,000
Subtotal Budget Activity 06: Management Support		1,000						1,000
Subtotal Washington Headquarters Services		30,364				-166		30,198
Grand Total Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020		22,517,097				1,544,865		24,061,962
Financing								
APPROPRIATION, P.L. 115-245 (Base)		22,016,553				1,675,283		23,691,836
APPROPRIATION, P.L. 115-245 (OCO)		500,544				-97,500		403,044
FFRDC Reductions (Section 8024) (Base)						-32,388		
FFRDC Reductions, (Section 8024) (OCO)						-530		
Subtotal General Provision Reductions								-32,918
TOTAL FINANCING - FY 2019 PROGRAM		22,517,097				1,544,865		24,061,962

Base for Reprogramming Actions

(Dollars in Thousands)

Appropriation Account Title:

Fiscal Year Program:

Research, Development, Test, and Evaluation, Defense-Wide, 2019/2020 (0400D)
2019

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

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.
- 3 / This item reflects an adjustment to realign a congressionally modified item, Realignment for proper execution from Budget Activity (BA) 03 (PE 0604775D8Z: Defense Rapid Innovation Fund) to BA 04 (PE 0604775D8Z: Defense Rapid Innovation Program). The adjustment does not change the purpose for which the funds were appropriated.
- 4 / Funding was specifically appropriated "only for" the cyberspace activities program as defined by the PPAs that comprise the classified cyberspace activities information technology investment budget request for FY 2019. Prior approval reprogramming is required for all transfers or realignments of appropriated funds out of a PPA supporting the cyberspace activities program into any other PPA. Below Threshold Reprogramming (BTR) authority may be used only when funding is realigned among PPAs within the "cyberspace activities" program that are funded in the same appropriation. The BTR limitations applicable to the appropriation apply.

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, 2019/2020 (0460D)**2019**

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 06: Management Support								
06 0605118OTE Operational Test and Evaluation		85,685						85,685
FY 2019 Appropriated Base		85,685						
06 0605131OTE Live Fire Test and Evaluation		64,332						64,332
FY 2019 Appropriated Base		64,332						
06 0605814OTE Operational Test Activities and Analyses		70,992				155,992		226,984
FY 2019 Appropriated Base		70,992						
1 / Program increase for T&E infrastructure						(150,000)		
1 / Advanced satellite navigation receiver						(10,000)		
FFRDC Reductions (Section 8024)						(-4,008)		
Subtotal Budget Activity 06: Management Support		221,009				155,992		377,001
Grand Total Operational Test and Evaluation, Defense, 2019/2020		221,009				155,992		377,001
Financing								
APPROPRIATION, P.L. 115-245 (Base)		221,009				160,000		381,009
FFRDC Reductions (Section 8024)						-4,008		
Subtotal General Provision Reductions								-4,008
TOTAL FINANCING - FY 2019 PROGRAM		221,009				155,992		377,001

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.

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