

RDT&E PROGRAMS (R-1)



Department of Defense Budget
Budget Amendment to the Fiscal Year 2018 President's Budget Request for
BASE + Emergency + Overseas Contingency Operations (OCO)
Nov 2017
Office of the Under Secretary of Defense (Comptroller)

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Preface

The RDT&E Programs (R-1) is derived from and consistent with the Comptroller Information System database.

The R-1 is provided annually to the DoD oversight committees of the Congress coincident with the transmittal of the President's Budget. This document is also provided to Office of Assistance Secretary of Defense (Public Affairs) for use by non-DoD activities, and is available to the public on the Internet at <http://www.dod.mil/comptroller>.

Office of the Under Secretary of Defense (Comptroller)

Preparation of the R-1 cost the Department of Defense a total of approximately \$38,000 in FY 2017.

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<u>Appropriation</u>	<u>FY 2016 Base + OCO</u>	<u>FY 2017 Base Enactment</u>	<u>FY 2017 OCO Enactment</u>	<u>FY 2017 Total (Base + OCO)</u>
Research, Development, Test & Eval, Army	7,861,744	8,330,016	342,356	8,672,372
Research, Development, Test & Eval, Navy	18,333,041	17,208,841	326,537	17,535,378
Research, Development, Test & Eval, AF	25,243,981	27,766,036	365,205	28,131,241
Research, Development, Test & Eval, DW	19,006,805	18,766,686	442,104	19,208,790
Operational Test & Eval, Defense	187,483	185,929	2,725	188,654
Total Research, Development, Test & Evaluation	70,633,054	72,257,508	1,478,927	73,736,435
 <u>Other RDT&E Budget Activities Not Included in the Research, Development, Test and Evaluation Title</u>				
Office of the Inspector General	2,100	3,153	1,415	4,568
Defense Health Program	2,121,452	2,101,627		2,101,627
Chem Agents & Munitions Destruction	579,342	388,609	127,000	515,609
National Defense Sealift Fund	36,289			
Total Not in Research, Development, Test & Evaluation	2,739,183	2,493,389	128,415	2,621,804

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<u>Appropriation</u>	FY 2018 Base <u>Request</u>	FY 2018 June Amendment <u>Base</u>	FY 2018 Amendment <u>Emergency</u>	FY 2018 OCO <u>Request</u>	FY 2018 Amendment <u>OCO</u>	FY 2018 Total <u>OCO</u>	FY 2018 <u>Grand Total</u>
Research, Development, Test & Eval, Army	9,425,440		20,700	119,368		119,368	9,565,508
Research, Development, Test & Eval, Navy	17,675,035	-25,000	60,000	130,365	37,200	167,565	17,877,600
Research, Development, Test & Eval, AF	34,914,359		255,744	135,358		135,358	35,305,461
Research, Development, Test & Eval, DW	20,490,902		1,010,220	226,096		226,096	21,727,218
Operational Test & Eval, Defense	210,900						210,900
Total Research, Development, Test & Evaluation	82,716,636	-25,000	1,346,664	611,187	37,200	648,387	84,686,687
<u>Other RDT&E Budget Activities Not Included in the Research, Development, Test and Evaluation Title</u>							
Office of the Inspector General	2,800						2,800
Defense Health Program	673,215						673,215
Chem Agents & Munitions Destruction	839,414						839,414
National Defense Sealift Fund	18,622						18,622
Total Not in Research, Development, Test & Evaluation	1,534,051						1,534,051

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<u>Summary Recap of Budget Activities</u>	<u>FY 2016 Base + OCO</u>	<u>FY 2017 Base Enactment</u>	<u>FY 2017 OCO Enactment</u>	<u>FY 2017 Total (Base + OCO)</u>
Basic Research	2,223,324	2,269,970		2,269,970
Applied Research	4,922,495	5,261,794		5,261,794
Advanced Technology Development	5,633,285	6,182,393	17,600	6,199,993
Advanced Component Development & Prototypes	14,081,990	15,356,863	257,442	15,614,305
System Development & Demonstration	12,801,199	12,584,328	260,168	12,844,496
RDT&E Management Support	5,579,289	4,502,319	70,759	4,573,078
Operational Systems Development	25,391,472	26,099,841	872,958	26,972,799
Total Research, Development, Test & Evaluation	70,633,054	72,257,508	1,478,927	73,736,435
 <u>Summary Recap of FYDP Programs</u>				
Strategic Forces	713,828	808,948		808,948
General Purpose Forces	3,811,589	4,091,781	138,544	4,230,325
Intelligence and Communications	3,374,483	3,222,521	91,869	3,314,390
Mobility Forces	294,978	479,520	12,000	491,520
Research and Development	44,316,077	45,263,881	600,769	45,864,650
Central Supply and Maintenance	208,381	204,480		204,480
Training Medical and Other	44,890	33,065		33,065
Administration and Associated Activities	150,838	62,545		62,545
Support of Other Nations	2,315	4,784		4,784
Special Operations Forces	483,423	537,269	4,800	542,069
Space				
Classified Programs	17,232,252	17,548,714	630,945	18,179,659
Total Research, Development, Test & Evaluation	70,633,054	72,257,508	1,478,927	73,736,435

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<u>Summary Recap of Budget Activities</u>	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total
Basic Research	2,228,529						2,228,529
Applied Research	4,973,465						4,973,465
Advanced Technology Development	5,997,183		17,000	25,000		25,000	6,039,183
Advanced Component Development & Prototypes	17,451,374	-25,000	1,029,800	58,910	31,800	90,710	18,546,884
System Development & Demonstration	14,670,523			57,840	5,400	63,240	14,733,763
RDT&E Management Support	6,084,907		30,000				6,114,907
Operational Systems Development	31,310,655		269,864	469,437		469,437	32,049,956
Total Research, Development, Test & Evaluation	82,716,636	-25,000	1,346,664	611,187	37,200	648,387	84,686,687
 <u>Summary Recap of FYDP Programs</u>							
Strategic Forces	1,026,773						1,026,773
General Purpose Forces	5,421,353			37,550		37,550	5,458,903
Intelligence and Communications	3,178,191		90,500	35,128		35,128	3,303,819
Mobility Forces	602,629						602,629
Research and Development	48,035,740	-25,000	972,300	135,150	37,200	172,350	49,155,390
Central Supply and Maintenance	218,025						218,025
Training Medical and Other	48,115						48,115
Administration and Associated Activities	158,708						158,708
Support of Other Nations	4,569						4,569
Special Operations Forces	633,829			4,920		4,920	638,749
Space	3,326,243		14,000				3,340,243
Classified Programs	20,062,461		269,864	398,439		398,439	20,730,764
Total Research, Development, Test & Evaluation	82,716,636	-25,000	1,346,664	611,187	37,200	648,387	84,686,687

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	<u>FY 2016</u> <u>Base + OCO</u>	<u>FY 2017</u> <u>Base</u> <u>Enactment</u>	<u>FY 2017</u> <u>OCO</u> <u>Enactment</u>	<u>FY 2017</u> <u>Total</u> <u>(Base + OCO)</u>
<u>Summary Recap of Non-RDT&E Title FYDP Programs</u>				
Mobility Forces	36,289			
Research and Development	2,121,452	2,101,627		2,101,627
Central Supply and Maintenance	579,342	388,609	127,000	515,609
Administration and Associated Activities	2,100	3,153	1,415	4,568
Total Research, Development, Test & Evaluation	2,739,183	2,493,389	128,415	2,621,804

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	FY 2018 Base <u>Request</u>	FY 2018 June Amendment <u>Base</u>	FY 2018 Amendment <u>Emergency</u>	FY 2018 OCO <u>Request</u>	FY 2018 Amendment <u>OCO</u>	FY 2018 Total <u>OCO</u>	FY 2018 <u>Grand Total</u>
<u>Summary Recap of Non-RDT&E Title FYDP Programs</u>							
Mobility Forces	18,622						18,622
Research and Development	673,215						673,215
Central Supply and Maintenance	839,414						839,414
Administration and Associated Activities	2,800						2,800
Total Research, Development, Test & Evaluation	1,534,051						1,534,051

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<u>Summary Recap of Budget Activities</u>	<u>FY 2016 Base + OCO</u>	<u>FY 2017 Base Enactment</u>	<u>FY 2017 OCO Enactment</u>	<u>FY 2017 Total (Base + OCO)</u>
Basic Research	450,831	486,774		486,774
Applied Research	1,070,349	1,219,959		1,219,959
Advanced Technology Development	1,113,746	1,367,657	13,300	1,380,957
Advanced Component Development & Prototypes	499,287	601,193	25,395	626,588
System Development & Demonstration	2,202,652	2,246,236	236,943	2,483,179
RDT&E Management Support	1,259,926	1,187,620	14,134	1,201,754
Operational Systems Development	1,264,953	1,220,577	52,584	1,273,161
Total Research, Development, Test & Evaluation	7,861,744	8,330,016	342,356	8,672,372
 <u>Summary Recap of FYDP Programs</u>				
General Purpose Forces	802,086	558,251	34,530	592,781
Intelligence and Communications	400,329	228,652	16,954	245,606
Research and Development	6,596,225	7,476,231	290,872	7,767,103
Central Supply and Maintenance	58,503	62,257		62,257
Administration and Associated Activities	65			
Space				
Classified Programs	4,536	4,625		4,625
Total Research, Development, Test & Evaluation	7,861,744	8,330,016	342,356	8,672,372

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<u>Summary Recap of Budget Activities</u>	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total
Basic Research	430,022						430,022
Applied Research	889,182						889,182
Advanced Technology Development	1,070,977		12,000				1,082,977
Advanced Component Development & Prototypes	890,889		8,700	18,000		18,000	917,589
System Development & Demonstration	3,012,840			57,840		57,840	3,070,680
RDT&E Management Support	1,253,845						1,253,845
Operational Systems Development	1,877,685			43,528		43,528	1,921,213
Total Research, Development, Test & Evaluation	9,425,440		20,700	119,368		119,368	9,565,508
 <u>Summary Recap of FYDP Programs</u>							
General Purpose Forces	710,401			15,000		15,000	725,401
Intelligence and Communications	370,519			29,728		29,728	400,247
Research and Development	8,215,942		20,700	74,640		74,640	8,311,282
Central Supply and Maintenance	60,877						60,877
Administration and Associated Activities							
Space	60,547						60,547
Classified Programs	7,154						7,154
Total Research, Development, Test & Evaluation	9,425,440		20,700	119,368		119,368	9,565,508

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
1	0601101A	In-House Laboratory Independent Research	01	12,525	12,376		12,376	U
2	0601102A	Defense Research Sciences	01	271,933	293,031		293,031	U
3	0601103A	University Research Initiatives	01	67,225	69,133		69,133	U
4	0601104A	University and Industry Research Centers	01	99,148	112,234		112,234	U
		Basic Research		450,831	486,774		486,774	
5	0602105A	Materials Technology	02	67,806	82,525		82,525	U
6	0602120A	Sensors and Electronic Survivability	02	57,202	51,103		51,103	U
7	0602122A	TRACTOR HIP	02	6,879	6,995		6,995	U
8	0602211A	Aviation Technology	02	58,497	69,885		69,885	U
9	0602270A	Electronic Warfare Technology	02	18,502	35,454		35,454	U
10	0602303A	Missile Technology	02	51,801	67,792		67,792	U
11	0602307A	Advanced Weapons Technology	02	36,906	53,790		53,790	U
12	0602308A	Advanced Concepts and Simulation	02	26,886	30,677		30,677	U
13	0602601A	Combat Vehicle and Automotive Technology	02	95,763	92,928		92,928	U
14	0602618A	Ballistics Technology	02	118,221	105,411		105,411	U
15	0602622A	Chemical, Smoke and Equipment Defeating Technology	02	3,713	3,921		3,921	U
16	0602623A	Joint Service Small Arms Program	02	5,270	5,542		5,542	U
17	0602624A	Weapons and Munitions Technology	02	81,447	120,056		120,056	U
18	0602705A	Electronics and Electronic Devices	02	62,654	74,305		74,305	U
19	0602709A	Night Vision Technology	02	37,501	36,062		36,062	U

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1	0601101A	In-House Laboratory Independent Research	01	12,010						12,010	U
2	0601102A	Defense Research Sciences	01	263,590						263,590	U
3	0601103A	University Research Initiatives	01	67,027						67,027	U
4	0601104A	University and Industry Research Centers	01	87,395						87,395	U
		Basic Research		430,022						430,022	
5	0602105A	Materials Technology	02	29,640						29,640	U
6	0602120A	Sensors and Electronic Survivability	02	35,730						35,730	U
7	0602122A	TRACTOR HIP	02	8,627						8,627	U
8	0602211A	Aviation Technology	02	66,086						66,086	U
9	0602270A	Electronic Warfare Technology	02	27,144						27,144	U
10	0602303A	Missile Technology	02	43,742						43,742	U
11	0602307A	Advanced Weapons Technology	02	22,785						22,785	U
12	0602308A	Advanced Concepts and Simulation	02	28,650						28,650	U
13	0602601A	Combat Vehicle and Automotive Technology	02	67,232						67,232	U
14	0602618A	Ballistics Technology	02	85,309						85,309	U
15	0602622A	Chemical, Smoke and Equipment Defeating Technology	02	4,004						4,004	U
16	0602623A	Joint Service Small Arms Program	02	5,615						5,615	U
17	0602624A	Weapons and Munitions Technology	02	41,455						41,455	U
18	0602705A	Electronics and Electronic Devices	02	58,352						58,352	U
19	0602709A	Night Vision Technology	02	34,723						34,723	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
20	0602712A	Countermine Systems	02	35,586	30,484		30,484	U
21	0602716A	Human Factors Engineering Technology	02	23,220	23,667		23,667	U
22	0602720A	Environmental Quality Technology	02	20,270	22,143		22,143	U
23	0602782A	Command, Control, Communications Technology	02	34,749	37,785		37,785	U
24	0602783A	Computer and Software Technology	02	12,266	13,806		13,806	U
25	0602784A	Military Engineering Technology	02	80,130	90,407		90,407	U
26	0602785A	Manpower/Personnel/Training Technology	02	22,474	26,038		26,038	U
27	0602786A	Warfighter Technology	02	38,420	60,092		60,092	U
28	0602787A	Medical Technology	02	74,186	79,091		79,091	U
		Applied Research		1,070,349	1,219,959		1,219,959	
29	0603001A	Warfighter Advanced Technology	03	54,606	51,314		51,314	U
30	0603002A	Medical Advanced Technology	03	103,753	107,341		107,341	U
31	0603003A	Aviation Advanced Technology	03	99,542	112,235		112,235	U
32	0603004A	Weapons and Munitions Advanced Technology	03	95,504	200,683		200,683	U
33	0603005A	Combat Vehicle and Automotive Advanced Technology	03	136,624	168,074		168,074	U
34	0603006A	Space Application Advanced Technology	03	5,384	3,903		3,903	U
35	0603007A	Manpower, Personnel and Training Advanced Technology	03	11,571	14,412		14,412	U
36	0603009A	TRACTOR HIKE	03	9,002	8,074	13,300	21,374	U

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20	0602712A	Countermine Systems	02	26,190						26,190	U
21	0602716A	Human Factors Engineering Technology	02	24,127						24,127	U
22	0602720A	Environmental Quality Technology	02	21,678						21,678	U
23	0602782A	Command, Control, Communications Technology	02	33,123						33,123	U
24	0602783A	Computer and Software Technology	02	14,041						14,041	U
25	0602784A	Military Engineering Technology	02	67,720						67,720	U
26	0602785A	Manpower/Personnel/Training Technology	02	20,216						20,216	U
27	0602786A	Warfighter Technology	02	39,559						39,559	U
28	0602787A	Medical Technology	02	83,434						83,434	U
Applied Research				889,182						889,182	
29	0603001A	Warfighter Advanced Technology	03	44,863						44,863	U
30	0603002A	Medical Advanced Technology	03	67,780						67,780	U
31	0603003A	Aviation Advanced Technology	03	160,746						160,746	U
32	0603004A	Weapons and Munitions Advanced Technology	03	84,079						84,079	U
33	0603005A	Combat Vehicle and Automotive Advanced Technology	03	125,537						125,537	U
34	0603006A	Space Application Advanced Technology	03	12,231						12,231	U
35	0603007A	Manpower, Personnel and Training Advanced Technology	03	6,466						6,466	U
36	0603009A	TRACTOR HIKE	03	28,552		12,000				40,552	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
37	0603015A	Next Generation Training & Simulation Systems	03	16,735	18,959		18,959	U
38	0603020A	TRACTOR ROSE	03	11,912	11,910		11,910	U
39	0603125A	Combating Terrorism - Technology Development	03	32,430	35,673		35,673	U
40	0603130A	TRACTOR NAIL	03	2,381	2,340		2,340	U
41	0603131A	TRACTOR EGGS	03	2,431	2,470		2,470	U
42	0603270A	Electronic Warfare Technology	03	31,810	41,879		41,879	U
43	0603313A	Missile and Rocket Advanced Technology	03	102,490	115,665		115,665	U
44	0603322A	TRACTOR CAGE	03	10,999	11,107		11,107	U
45	0603461A	High Performance Computing Modernization Program	03	215,138	222,105		222,105	U
46	0603606A	Landmine Warfare and Barrier Advanced Technology	03	13,425	17,443		17,443	U
47	0603607A	Joint Service Small Arms Program	03	4,903	5,836		5,836	U
48	0603710A	Night Vision Advanced Technology	03	39,329	44,447		44,447	U
49	0603728A	Environmental Quality Technology Demonstrations	03	14,533	21,134		21,134	U
50	0603734A	Military Engineering Advanced Technology	03	26,247	58,677		58,677	U
51	0603772A	Advanced Tactical Computer Science and Sensor Technology	03	36,658	54,218		54,218	U
52	0603794A	C3 Advanced Technology	03	36,339	37,758		37,758	U
Advanced Technology Development				1,113,746	1,367,657	13,300	1,380,957	

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
37	0603015A	Next Generation Training & Simulation Systems	03	16,434						16,434	U
38	0603020A	TRACTOR ROSE	03								U
39	0603125A	Combating Terrorism - Technology Development	03	26,903						26,903	U
40	0603130A	TRACTOR NAIL	03	4,880						4,880	U
41	0603131A	TRACTOR EGGS	03	4,326						4,326	U
42	0603270A	Electronic Warfare Technology	03	31,296						31,296	U
43	0603313A	Missile and Rocket Advanced Technology	03	62,850						62,850	U
44	0603322A	TRACTOR CAGE	03	12,323						12,323	U
45	0603461A	High Performance Computing Modernization Program	03	182,331						182,331	U
46	0603606A	Landmine Warfare and Barrier Advanced Technology	03	17,948						17,948	U
47	0603607A	Joint Service Small Arms Program	03	5,796						5,796	U
48	0603710A	Night Vision Advanced Technology	03	47,135						47,135	U
49	0603728A	Environmental Quality Technology Demonstrations	03	10,421						10,421	U
50	0603734A	Military Engineering Advanced Technology	03	32,448						32,448	U
51	0603772A	Advanced Tactical Computer Science and Sensor Technology	03	52,206						52,206	U
52	0603794A	C3 Advanced Technology	03	33,426						33,426	U
Advanced Technology Development				1,070,977		12,000				1,082,977	

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53	0603305A	Army Missile Defense Systems Integration	04	29,270	39,433		39,433	U
54	0603308A	Army Space Systems Integration	04	29,561	23,054	9,375	32,429	U
55	0603327A	Air and Missile Defense Systems Engineering	04					U
56	0603619A	Landmine Warfare and Barrier - Adv Dev	04	40,943	72,082		72,082	U
57	0603627A	Smoke, Obscurant and Target Defeating Sys-Adv Dev	04	12,894	28,230	16,020	44,250	U
58	0603639A	Tank and Medium Caliber Ammunition	04	42,272	48,076		48,076	U
59	0603645A	Armored System Modernization - Adv Dev	04					U
60	0603747A	Soldier Support and Survivability	04	5,035	14,000		14,000	U
61	0603766A	Tactical Electronic Surveillance System - Adv Dev	04	17,562	15,730		15,730	U
62	0603774A	Night Vision Systems Advanced Development	04	7,003	10,316		10,316	U
63	0603779A	Environmental Quality Technology - Dem/Val	04	8,464	7,781		7,781	U
64	0603790A	NATO Research and Development	04	5,835	2,299		2,299	U
65	0603801A	Aviation - Adv Dev	04		10,009		10,009	U
66	0603804A	Logistics and Engineer Equipment - Adv Dev	04	20,271	18,118		18,118	U
67	0603807A	Medical Systems - Adv Dev	04	39,711	40,988		40,988	U
68	0603827A	Soldier Systems - Advanced Development	04	22,251	55,606		55,606	U
69	0604017A	Robotics Development	04					U

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53	0603305A	Army Missile Defense Systems Integration	04	9,634						9,634	U
54	0603308A	Army Space Systems Integration	04								U
55	0603327A	Air and Missile Defense Systems Engineering	04	33,949		8,700	15,000		15,000	57,649	U
56	0603619A	Landmine Warfare and Barrier - Adv Dev	04	72,909						72,909	U
57	0603627A	Smoke, Obscurant and Target Defeating Sys-Adv Dev	04	7,135						7,135	U
58	0603639A	Tank and Medium Caliber Ammunition	04	41,452						41,452	U
59	0603645A	Armored System Modernization - Adv Dev	04	32,739						32,739	U
60	0603747A	Soldier Support and Survivability	04	10,157			3,000		3,000	13,157	U
61	0603766A	Tactical Electronic Surveillance System - Adv Dev	04	27,733						27,733	U
62	0603774A	Night Vision Systems Advanced Development	04	12,347						12,347	U
63	0603779A	Environmental Quality Technology - Dem/Val	04	10,456						10,456	U
64	0603790A	NATO Research and Development	04	2,588						2,588	U
65	0603801A	Aviation - Adv Dev	04	14,055						14,055	U
66	0603804A	Logistics and Engineer Equipment - Adv Dev	04	35,333						35,333	U
67	0603807A	Medical Systems - Adv Dev	04	33,491						33,491	U
68	0603827A	Soldier Systems - Advanced Development	04	20,239						20,239	U
69	0604017A	Robotics Development	04	39,608						39,608	U

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70	0604100A	Analysis Of Alternatives	04	7,533	6,605		6,605	U
71	0604114A	Lower Tier Air Missile Defense (LTAMD) Sensor	04		35,115		35,115	U
72	0604115A	Technology Maturation Initiatives	04	34,493	60,018		60,018	U
73	0604117A	Maneuver - Short Range Air Defense (M-SHORAD)	04					U
74	0604118A	TRACTOR BEAM	04					U
75	0604120A	Assured Positioning, Navigation and Timing (PNT)	04	26,967	83,238		83,238	U
76	0604121A	Synthetic Training Environment Refinement & Prototyping	04					U
77	0604319A	Indirect Fire Protection Capability Increment 2-Intercept (IFPC2)	04	149,222				U
78	0305251A	Cyberspace Operations Forces and Force Support	04		30,495		30,495	U
79	1206308A	Army Space Systems Integration	04					U
		Advanced Component Development & Prototypes		499,287	601,193	25,395	626,588	
80	0604201A	Aircraft Avionics	05	18,194	62,219		62,219	U
81	0604270A	Electronic Warfare Development	05	20,586	34,627		34,627	U
82	0604280A	Joint Tactical Radio	05	4,415				U
83	0604290A	Mid-tier Networking Vehicular Radio (MNVR)	05	8,416	12,166		12,166	U
84	0604321A	All Source Analysis System	05	4,309	11,958		11,958	U
85	0604328A	TRACTOR CAGE	05	15,138	12,525		12,525	U
86	0604601A	Infantry Support Weapons	05	86,966	65,977		65,977	U

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70	0604100A	Analysis Of Alternatives	04	9,921						9,921	U
71	0604114A	Lower Tier Air Missile Defense (LTAMD) Sensor	04	76,728						76,728	U
72	0604115A	Technology Maturation Initiatives	04	115,221						115,221	U
73	0604117A	Maneuver - Short Range Air Defense (M-SHORAD)	04	20,000						20,000	U
74	0604118A	TRACTOR BEAM	04	10,400						10,400	U
75	0604120A	Assured Positioning, Navigation and Timing (PNT)	04	164,967						164,967	U
76	0604121A	Synthetic Training Environment Refinement & Prototyping	04	1,600						1,600	U
77	0604319A	Indirect Fire Protection Capability Increment 2-Intercept (IFPC2)	04	11,303						11,303	U
78	0305251A	Cyberspace Operations Forces and Force Support	04	56,492						56,492	U
79	1206308A	Army Space Systems Integration	04	20,432						20,432	U
		Advanced Component Development & Prototypes		890,889		8,700	18,000		18,000	917,589	
80	0604201A	Aircraft Avionics	05	30,153						30,153	U
81	0604270A	Electronic Warfare Development	05	71,671						71,671	U
82	0604280A	Joint Tactical Radio	05								U
83	0604290A	Mid-tier Networking Vehicular Radio (MNVR)	05	10,589						10,589	U
84	0604321A	All Source Analysis System	05	4,774						4,774	U
85	0604328A	TRACTOR CAGE	05	17,252						17,252	U
86	0604601A	Infantry Support Weapons	05	87,643						87,643	U

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87	0604604A	Medium Tactical Vehicles	05					U
88	0604611A	JAVELIN	05	3,789	20,001		20,001	U
89	0604622A	Family of Heavy Tactical Vehicles	05		11,424		11,424	U
90	0604633A	Air Traffic Control	05	9,714	3,420		3,420	U
91	0604641A	Tactical Unmanned Ground Vehicle (TUGV)	05	13,599	33,517		33,517	U
92	0604642A	Light Tactical Wheeled Vehicles	05		494		494	U
93	0604645A	Armored Systems Modernization (ASM) - Eng Dev	05		9,673		9,673	U
94	0604710A	Night Vision Systems - Eng Dev	05	65,482	79,481		79,481	U
95	0604713A	Combat Feeding, Clothing, and Equipment	05	1,694	2,053		2,053	U
96	0604715A	Non-System Training Devices - Eng Dev	05	26,768	29,789	5,033	34,822	U
97	0604741A	Air Defense Command, Control and Intelligence - Eng Dev	05	33,619	58,307	143,900	202,207	U
98	0604742A	Constructive Simulation Systems Development	05	22,609	17,880		17,880	U
99	0604746A	Automatic Test Equipment Development	05	8,636	8,809		8,809	U
100	0604760A	Distributive Interactive Simulations (DIS) - Eng Dev	05	8,843	10,482		10,482	U
101	0604768A	Brilliant Anti-Armor Submunition (BAT)	05					U
102	0604780A	Combined Arms Tactical Trainer (CATT) Core	05	20,808	15,062		15,062	U
103	0604798A	Brigade Analysis, Integration and Evaluation	05	96,286	89,681		89,681	U

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87	0604604A	Medium Tactical Vehicles	05	6,039						6,039	U
88	0604611A	JAVELIN	05	21,095						21,095	U
89	0604622A	Family of Heavy Tactical Vehicles	05	10,507						10,507	U
90	0604633A	Air Traffic Control	05	3,536						3,536	U
91	0604641A	Tactical Unmanned Ground Vehicle (TUGV)	05								U
92	0604642A	Light Tactical Wheeled Vehicles	05	7,000						7,000	U
93	0604645A	Armored Systems Modernization (ASM) - Eng Dev	05	36,242						36,242	U
94	0604710A	Night Vision Systems - Eng Dev	05	108,504						108,504	U
95	0604713A	Combat Feeding, Clothing, and Equipment	05	3,702						3,702	U
96	0604715A	Non-System Training Devices - Eng Dev	05	43,575						43,575	U
97	0604741A	Air Defense Command, Control and Intelligence - Eng Dev	05	28,726						28,726	U
98	0604742A	Constructive Simulation Systems Development	05	18,562						18,562	U
99	0604746A	Automatic Test Equipment Development	05	8,344						8,344	U
100	0604760A	Distributive Interactive Simulations (DIS) - Eng Dev	05	11,270						11,270	U
101	0604768A	Brilliant Anti-Armor Submunition (BAT)	05	10,000						10,000	U
102	0604780A	Combined Arms Tactical Trainer (CATT) Core	05	18,566						18,566	U
103	0604798A	Brigade Analysis, Integration and Evaluation	05	145,360						145,360	U

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104	0604802A	Weapons and Munitions - Eng Dev	05	18,037	80,325		80,325	U
105	0604804A	Logistics and Engineer Equipment - Eng Dev	05	43,229	78,829		78,829	U
106	0604805A	Command, Control, Communications Systems - Eng Dev	05	2,780	4,244		4,244	U
107	0604807A	Medical Materiel/Medical Biological Defense Equipment - Eng Dev	05	39,295	41,107		41,107	U
108	0604808A	Landmine Warfare/Barrier - Eng Dev	05	63,028	33,337		33,337	U
109	0604818A	Army Tactical Command & Control Hardware & Software	05	125,107	203,184		203,184	U
110	0604820A	Radar Development	05	11,821	15,975		15,975	U
111	0604822A	General Fund Enterprise Business System (GFEBS)	05	20,533	6,802		6,802	U
112	0604823A	Firefinder	05	2,850	6,421		6,421	U
113	0604827A	Soldier Systems - Warrior Dem/Val	05	15,694	12,388		12,388	U
114	0604852A	Suite of Survivability Enhancement Systems - EMD	05					U
115	0604854A	Artillery Systems - EMD	05	2,251	1,755		1,755	U
116	0605013A	Information Technology Development	05	48,028	73,697		73,697	U
117	0605018A	Integrated Personnel and Pay System-Army (IPPS-A)	05	116,215	155,508		155,508	U
118	0605028A	Armored Multi-Purpose Vehicle (AMPV)	05	213,034	184,131		184,131	U
119	0605029A	Integrated Ground Security Surveillance Response Capability (IGSSR-C)	05		4,978		4,978	U
120	0605030A	Joint Tactical Network Center (JTNC)	05	12,834	15,034		15,034	U

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104	0604802A	Weapons and Munitions - Eng Dev	05	145,232						145,232	U
105	0604804A	Logistics and Engineer Equipment - Eng Dev	05	90,965						90,965	U
106	0604805A	Command, Control, Communications Systems - Eng Dev	05	9,910						9,910	U
107	0604807A	Medical Materiel/Medical Biological Defense Equipment - Eng Dev	05	39,238						39,238	U
108	0604808A	Landmine Warfare/Barrier - Eng Dev	05	34,684						34,684	U
109	0604818A	Army Tactical Command & Control Hardware & Software	05	164,409						164,409	U
110	0604820A	Radar Development	05	32,968						32,968	U
111	0604822A	General Fund Enterprise Business System (GFEBS)	05	49,554						49,554	U
112	0604823A	Firefinder	05	45,605						45,605	U
113	0604827A	Soldier Systems - Warrior Dem/Val	05	16,127						16,127	U
114	0604852A	Suite of Survivability Enhancement Systems - EMD	05	98,600						98,600	U
115	0604854A	Artillery Systems - EMD	05	1,972						1,972	U
116	0605013A	Information Technology Development	05	81,776						81,776	U
117	0605018A	Integrated Personnel and Pay System-Army (IPPS-A)	05	172,361						172,361	U
118	0605028A	Armored Multi-Purpose Vehicle (AMPV)	05	199,778						199,778	U
119	0605029A	Integrated Ground Security Surveillance Response Capability (IGSSR-C)	05	4,418						4,418	U
120	0605030A	Joint Tactical Network Center (JTNC)	05	15,877						15,877	U

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121	0605031A	Joint Tactical Network (JTN)	05	20,790	16,006		16,006	U
122	0605032A	TRACTOR TIRE	05	10,677	27,254		27,254	U
123	0605033A	Ground-Based Operational Surveillance System - Expeditionary (GBOSS-E)	05		5,030		5,030	U
124	0605034A	Tactical Security System (TSS)	05		2,903		2,903	U
125	0605035A	Common Infrared Countermeasures (CIRCM)	05	98,496	82,937	10,900	93,837	U
126	0605036A	Combating Weapons of Mass Destruction (CWMD)	05		2,088		2,088	U
127	0605037A	Evidence Collection and Detainee Processing	05					U
128	0605038A	Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) Sensor Suite	05					U
129	0605041A	Defensive CYBER Tool Development	05		33,820		33,820	U
130	0605042A	Tactical Network Radio Systems (Low-Tier)	05		14,758		14,758	U
131	0605047A	Contract Writing System	05		20,653		20,653	U
132	0605049A	Missile Warning System Modernization (MWSM)	05					U
133	0605051A	Aircraft Survivability Development	05	77,395	34,117	73,110	107,227	U
134	0605052A	Indirect Fire Protection Capability Inc 2 - Block 1	05		83,954		83,954	U
135	0605053A	Ground Robotics	05					U
136	0605350A	WIN-T Increment 3 - Full Networking	05	32,187				U

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121	0605031A	Joint Tactical Network (JTN)	05	44,150						44,150	U
122	0605032A	TRACTOR TIRE	05	34,670			5,000		5,000	39,670	U
123	0605033A	Ground-Based Operational Surveillance System - Expeditionary (GBOSS-E)	05	5,207						5,207	U
124	0605034A	Tactical Security System (TSS)	05	4,727						4,727	U
125	0605035A	Common Infrared Countermeasures (CIRCM)	05	105,778			21,540		21,540	127,318	U
126	0605036A	Combating Weapons of Mass Destruction (CWMD)	05	6,927						6,927	U
127	0605037A	Evidence Collection and Detainee Processing	05	214						214	U
128	0605038A	Nuclear Biological Chemical Reconnaissance Vehicle (NBCRV) Sensor Suite	05	16,125						16,125	U
129	0605041A	Defensive CYBER Tool Development	05	55,165						55,165	U
130	0605042A	Tactical Network Radio Systems (Low-Tier)	05	20,076						20,076	U
131	0605047A	Contract Writing System	05	20,322						20,322	U
132	0605049A	Missile Warning System Modernization (MWSM)	05	55,810						55,810	U
133	0605051A	Aircraft Survivability Development	05	30,879			30,100		30,100	60,979	U
134	0605052A	Indirect Fire Protection Capability Inc 2 - Block 1	05	175,069						175,069	U
135	0605053A	Ground Robotics	05	70,760						70,760	U
136	0605350A	WIN-T Increment 3 - Full Networking	05								U

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137	0605380A	AMF Joint Tactical Radio System (JTRS)	05	10,143	5,026		5,026	U
138	0605450A	Joint Air-to-Ground Missile (JAGM)	05	79,897	48,953		48,953	U
139	0605456A	PAC-3/MSE Missile	05	2,201				U
140	0605457A	Army Integrated Air and Missile Defense (AIAMD)	05	222,074	282,681		282,681	U
141	0605625A	Manned Ground Vehicle	05	37,692				U
142	0605626A	Aerial Common Sensor	05	2				U
143	0605766A	National Capabilities Integration (MIP)	05	10,599	4,955		4,955	U
144	0605812A	Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Ph	05	31,197	11,524		11,524	U
145	0605830A	Aviation Ground Support Equipment	05	13,528	2,141		2,141	U
146	0210609A	Paladin Integrated Management (PIM)	05	136,353	41,478		41,478	U
147	0303032A	TROJAN - RH12	05	5,022	4,273		4,273	U
148	0303267A	Auctioned Spectrum Relocation Fund	05	71,823				U
149	0303367A	Spectrum Access Research and Development	05	125,283				U
150	0304270A	Electronic Warfare Development	05	12,686	14,425	4,000	18,425	U
151	1205117A	Tractor Bears	05					U
		System Development & Demonstration		2,202,652	2,246,236	236,943	2,483,179	
152	0604256A	Threat Simulator Development	06	27,157	29,668		29,668	U
153	0604258A	Target Systems Development	06	16,163	19,114		19,114	U
154	0604759A	Major T&E Investment	06	65,059	96,738		96,738	U

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137	0605380A	AMF Joint Tactical Radio System (JTRS)	05	8,965						8,965	U
138	0605450A	Joint Air-to-Ground Missile (JAGM)	05	34,626						34,626	U
139	0605456A	PAC-3/MSE Missile	05								U
140	0605457A	Army Integrated Air and Missile Defense (AIAMD)	05	336,420						336,420	U
141	0605625A	Manned Ground Vehicle	05								U
142	0605626A	Aerial Common Sensor	05								U
143	0605766A	National Capabilities Integration (MIP)	05	6,882						6,882	U
144	0605812A	Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Ph	05	23,467						23,467	U
145	0605830A	Aviation Ground Support Equipment	05	6,930						6,930	U
146	0210609A	Paladin Integrated Management (PIM)	05	6,112						6,112	U
147	0303032A	TROJAN - RH12	05	4,431			1,200		1,200	5,631	U
148	0303267A	Auctioned Spectrum Relocation Fund	05								U
149	0303367A	Spectrum Access Research and Development	05								U
150	0304270A	Electronic Warfare Development	05	14,616						14,616	U
151	1205117A	Tractor Bears	05	17,928						17,928	U
		System Development & Demonstration		3,012,840			57,840		57,840	3,070,680	
152	0604256A	Threat Simulator Development	06	22,862						22,862	U
153	0604258A	Target Systems Development	06	13,902						13,902	U
154	0604759A	Major T&E Investment	06	102,901						102,901	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	See c
155	0605103A	Rand Arroyo Center	06	20,014	20,648		20,648	U
156	0605301A	Army Kwajalein Atoll	06	200,393	227,345		227,345	U
157	0605326A	Concepts Experimentation Program	06	18,705	25,584		25,584	U
158	0605502A	Small Business Innovative Research	06	220,833				U
159	0605601A	Army Test Ranges and Facilities	06	273,275	293,712	14,134	307,846	U
160	0605602A	Army Technical Test Instrumentation and Targets	06	52,254	72,380		72,380	U
161	0605604A	Survivability/Lethality Analysis	06	33,069	38,567		38,567	U
162	0605606A	Aircraft Certification	06	4,571	4,663		4,663	U
163	0605702A	Meteorological Support to RDT&E Activities	06	8,104	6,923		6,923	U
164	0605706A	Materiel Systems Analysis	06	20,203	21,675		21,675	U
165	0605709A	Exploitation of Foreign Items	06	10,396	12,415		12,415	U
166	0605712A	Support of Operational Testing	06	49,128	49,683		49,683	U
167	0605716A	Army Evaluation Center	06	52,265	55,899		55,899	U
168	0605718A	Army Modeling & Sim X-Cmd Collaboration & Integ	06	901	7,955		7,955	U
169	0605801A	Programwide Activities	06	61,060	51,811		51,811	U
170	0605803A	Technical Information Activities	06	25,991	33,309		33,309	U
171	0605805A	Munitions Standardization, Effectiveness and Safety	06	48,335	65,526		65,526	U
172	0605857A	Environmental Quality Technology Mgmt Support	06	3,673	2,129		2,129	U
173	0605898A	Army Direct Report Headquarters - R&D - MHA	06	48,312	49,877		49,877	U

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155	0605103A	Rand Arroyo Center	06	20,140						20,140	U
156	0605301A	Army Kwajalein Atoll	06	246,663						246,663	U
157	0605326A	Concepts Experimentation Program	06	29,820						29,820	U
158	0605502A	Small Business Innovative Research	06								U
159	0605601A	Army Test Ranges and Facilities	06	307,588						307,588	U
160	0605602A	Army Technical Test Instrumentation and Targets	06	49,242						49,242	U
161	0605604A	Survivability/Lethality Analysis	06	41,843						41,843	U
162	0605606A	Aircraft Certification	06	4,804						4,804	U
163	0605702A	Meteorological Support to RDT&E Activities	06	7,238						7,238	U
164	0605706A	Materiel Systems Analysis	06	21,890						21,890	U
165	0605709A	Exploitation of Foreign Items	06	12,684						12,684	U
166	0605712A	Support of Operational Testing	06	51,040						51,040	U
167	0605716A	Army Evaluation Center	06	56,246						56,246	U
168	0605718A	Army Modeling & Sim X-Command Collaboration & Integ	06	1,829						1,829	U
169	0605801A	Programwide Activities	06	55,060						55,060	U
170	0605803A	Technical Information Activities	06	33,934						33,934	U
171	0605805A	Munitions Standardization, Effectiveness and Safety	06	43,444						43,444	U
172	0605857A	Environmental Quality Technology Mgmt Support	06	5,087						5,087	U
173	0605898A	Army Direct Report Headquarters - R&D - MHA	06	54,679						54,679	U

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174	0606001A	Military Ground-Based CREW Technology	06					U
175	0606002A	Ronald Reagan Ballistic Missile Defense Test Site	06					U
176	0303260A	Defense Military Deception Initiative	06		1,999		1,999	U
177	0909999A	Financing for Cancelled Account Adjustments	06	65				U
RDT&E Management Support				1,259,926	1,187,620	14,134	1,201,754	
178	0603778A	MLRS Product Improvement Program	07	21,202	9,658		9,658	U
179	0603813A	TRACTOR PULL	07	9,461	3,960		3,960	U
180	0605024A	Anti-Tamper Technology Support	07		3,636		3,636	U
181	0607131A	Weapons and Munitions Product Improvement Programs	07	5,678	14,511	5,100	19,611	U
182	0607133A	TRACTOR SMOKE	07	7,569	4,479		4,479	U
183	0607134A	Long Range Precision Fires (LRPF)	07		37,757		37,757	U
184	0607135A	Apache Product Improvement Program	07	62,964	64,410		64,410	U
185	0607136A	Blackhawk Product Improvement Program	07	64,011	46,742		46,742	U
186	0607137A	Chinook Product Improvement Program	07	31,122	91,803		91,803	U
187	0607138A	Fixed Wing Product Improvement Program	07	1,105	796		796	U
188	0607139A	Improved Turbine Engine Program	07	49,137	116,049		116,049	U
189	0607140A	Emerging Technologies from NIE	07	2,383	2,368		2,368	U
190	0607141A	Logistics Automation	07	1,318	1,735		1,735	U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
174	0606001A	Military Ground-Based CREW Technology	06	7,916						7,916	U
175	0606002A	Ronald Reagan Ballistic Missile Defense Test Site	06	61,254						61,254	U
176	0303260A	Defense Military Deception Initiative	06	1,779						1,779	U
177	0909999A	Financing for Cancelled Account Adjustments	06								U
RDT&E Management Support				1,253,845						1,253,845	
178	0603778A	MLRS Product Improvement Program	07	8,929						8,929	U
179	0603813A	TRACTOR PULL	07	4,014						4,014	U
180	0605024A	Anti-Tamper Technology Support	07	4,094						4,094	U
181	0607131A	Weapons and Munitions Product Improvement Programs	07	15,738						15,738	U
182	0607133A	TRACTOR SMOKE	07	4,513						4,513	U
183	0607134A	Long Range Precision Fires (LRPF)	07	102,014						102,014	U
184	0607135A	Apache Product Improvement Program	07	59,977						59,977	U
185	0607136A	Blackhawk Product Improvement Program	07	34,416						34,416	U
186	0607137A	Chinook Product Improvement Program	07	194,567						194,567	U
187	0607138A	Fixed Wing Product Improvement Program	07	9,981						9,981	U
188	0607139A	Improved Turbine Engine Program	07	204,304						204,304	U
189	0607140A	Emerging Technologies from NIE	07	1,023						1,023	U
190	0607141A	Logistics Automation	07	1,504						1,504	U

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191	0607142A	Aviation Rocket System Product Improvement and Development	07					U
192	0607143A	Unmanned Aircraft System Universal Products	07					U
193	0607665A	Family of Biometrics	07	7,179	12,092		12,092	U
194	0607865A	Patriot Product Improvement	07	87,537	49,466		49,466	U
195	0202429A	Aerostat Joint Project - COCOM Exercise	07	10,171	6,397		6,397	U
196	0203728A	Joint Automated Deep Operation Coordination System (JADOCs)	07	30,669	30,442		30,442	U
197	0203735A	Combat Vehicle Improvement Programs	07	382,176	303,884	10,000	313,884	U
198	0203740A	Maneuver Control System	07	14,864	4,030		4,030	U
199	0203743A	155mm Self-Propelled Howitzer Improvements	07					U
200	0203744A	Aircraft Modifications/Product Improvement Programs	07		33,677		33,677	U
201	0203752A	Aircraft Engine Component Improvement Program	07	349	259		259	U
202	0203758A	Digitization	07	4,188	6,480		6,480	U
203	0203801A	Missile/Air Defense Product Improvement Program	07	3,029	5,120	20,000	25,120	U
204	0203802A	Other Missile Product Improvement Programs	07	49,191	7,487	1,080	8,567	U
205	0203808A	TRACTOR CARD	07	34,686	20,333		20,333	U
206	0205402A	Integrated Base Defense - Operational System Dev	07	10,324		3,450	3,450	U
207	0205410A	Materials Handling Equipment	07	386	124		124	U

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191	0607142A	Aviation Rocket System Product Improvement and Development	07	10,064						10,064	U
192	0607143A	Unmanned Aircraft System Universal Products	07	38,463						38,463	U
193	0607665A	Family of Biometrics	07	6,159						6,159	U
194	0607865A	Patriot Product Improvement	07	90,217						90,217	U
195	0202429A	Aerostat Joint Project - COCOM Exercise	07	6,749						6,749	U
196	0203728A	Joint Automated Deep Operation Coordination System (JADOCS)	07	33,520						33,520	U
197	0203735A	Combat Vehicle Improvement Programs	07	343,175						343,175	U
198	0203740A	Maneuver Control System	07	6,639						6,639	U
199	0203743A	155mm Self-Propelled Howitzer Improvements	07	40,784						40,784	U
200	0203744A	Aircraft Modifications/Product Improvement Programs	07	39,358						39,358	U
201	0203752A	Aircraft Engine Component Improvement Program	07	145						145	U
202	0203758A	Digitization	07	4,803						4,803	U
203	0203801A	Missile/Air Defense Product Improvement Program	07	2,723			15,000		15,000	17,723	U
204	0203802A	Other Missile Product Improvement Programs	07	5,000						5,000	U
205	0203808A	TRACTOR CARD	07	37,883						37,883	U
206	0205402A	Integrated Base Defense - Operational System Dev	07								U
207	0205410A	Materials Handling Equipment	07	1,582						1,582	U

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208	0205412A	Environmental Quality Technology - Operational System Dev	07					U
209	0205456A	Lower Tier Air and Missile Defense (AMD) System	07	61,653	63,858		63,858	U
210	0205778A	Guided Multiple-Launch Rocket System (GMLRS)	07	36,032	22,033		22,033	U
211	0208053A	Joint Tactical Ground System	07	28,015	12,649		12,649	U
213	0303028A	Security and Intelligence Activities	07	13,156	11,619	4,100	15,719	U
214	0303140A	Information Systems Security Program	07	31,032	38,263		38,263	U
215	0303141A	Global Combat Support System	07	25,304	27,210		27,210	U
216	0303142A	SATCOM Ground Environment (SPACE)	07	9,045	18,806		18,806	U
217	0303150A	WWMCCS/Global Command and Control System	07	6,810	4,716		4,716	U
220	0305172A	Combined Advanced Applications	07					U
221	0305179A	Integrated Broadcast Service (IBS)	07	750				U
222	0305204A	Tactical Unmanned Aerial Vehicles	07	15,370	8,218		8,218	U
223	0305206A	Airborne Reconnaissance Systems	07	20,725	11,799		11,799	U
224	0305208A	Distributed Common Ground/Surface Systems	07	25,592	32,284		32,284	U
225	0305219A	MQ-1C Gray Eagle UAS	07	22,285	13,470		13,470	U
226	0305232A	RQ-11 UAV	07		1,613		1,613	U
227	0305233A	RQ-7 UAV	07	11,797	4,597		4,597	U
228	0307665A	Biometrics Enabled Intelligence	07			8,854	8,854	U
229	0310349A	Win-T Increment 2 - Initial Networking	07	3,649	4,865		4,865	U

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208	0205412A	Environmental Quality Technology - Operational System Dev	07	195						195	U
209	0205456A	Lower Tier Air and Missile Defense (AMD) System	07	78,926						78,926	U
210	0205778A	Guided Multiple-Launch Rocket System (GMLRS)	07	102,807						102,807	U
211	0208053A	Joint Tactical Ground System	07								U
213	0303028A	Security and Intelligence Activities	07	13,807						13,807	U
214	0303140A	Information Systems Security Program	07	132,438						132,438	U
215	0303141A	Global Combat Support System	07	64,370						64,370	U
216	0303142A	SATCOM Ground Environment (SPACE)	07								U
217	0303150A	WWMCCS/Global Command and Control System	07	10,475						10,475	U
220	0305172A	Combined Advanced Applications	07	1,100						1,100	U
221	0305179A	Integrated Broadcast Service (IBS)	07								U
222	0305204A	Tactical Unmanned Aerial Vehicles	07	9,433			7,492		7,492	16,925	U
223	0305206A	Airborne Reconnaissance Systems	07	5,080			15,000		15,000	20,080	U
224	0305208A	Distributed Common Ground/Surface Systems	07	24,700						24,700	U
225	0305219A	MQ-1C Gray Eagle UAS	07	9,574						9,574	U
226	0305232A	RQ-11 UAV	07	2,191						2,191	U
227	0305233A	RQ-7 UAV	07	12,773						12,773	U
228	0307665A	Biometrics Enabled Intelligence	07	2,537			6,036		6,036	8,573	U
229	0310349A	Win-T Increment 2 - Initial Networking	07	4,723						4,723	U

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230	0708045A	End Item Industrial Preparedness Activities	07	58,503	62,257		62,257	U
231	1203142A	SATCOM Ground Environment (SPACE)	07					U
232	1208053A	Joint Tactical Ground System	07					U
9999	9999999999	Classified Programs		4,536	4,625		4,625	U
		Operational Systems Development		1,264,953	1,220,577	52,584	1,273,161	
Total Research, Development, Test & Eval, Army				7,861,744	8,330,016	342,356	8,672,372	

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
230	0708045A	End Item Industrial Preparedness Activities	07	60,877						60,877	U
231	1203142A	SATCOM Ground Environment (SPACE)	07	11,959						11,959	U
232	1208053A	Joint Tactical Ground System	07	10,228						10,228	U
9999	9999999999	Classified Programs		7,154						7,154	U
		Operational Systems Development		1,877,685			43,528		43,528	1,921,213	
Total Research, Development, Test & Eval, Army				9,425,440		20,700	119,368		119,368	9,565,508	

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<u>Summary Recap of Budget Activities</u>	<u>FY 2016 Base + OCO</u>	<u>FY 2017 Base Enactment</u>	<u>FY 2017 OCO Enactment</u>	<u>FY 2017 Total (Base + OCO)</u>
Basic Research	648,642	562,939		562,939
Applied Research	951,575	979,735		979,735
Advanced Technology Development	680,933	823,643		823,643
Advanced Component Development & Prototypes	4,929,981	4,537,871	93,297	4,631,168
System Development & Demonstration	6,236,999	5,754,995	4,800	5,759,795
Management Support	1,286,493	866,973	52,300	919,273
Operational Systems Development	3,598,418	3,682,685	176,140	3,858,825
Total Research, Development, Test & Evaluation	18,333,041	17,208,841	326,537	17,535,378
 <u>Summary Recap of FYDP Programs</u>				
Strategic Forces	162,023	191,387		191,387
General Purpose Forces	1,328,376	1,393,323	47,514	1,440,837
Intelligence and Communications	818,572	630,387		630,387
Research and Development	14,468,006	13,478,803	150,397	13,629,200
Central Supply and Maintenance	27,563	41,481		41,481
Administration and Associated Activities	569			
Space				
Classified Programs	1,527,932	1,473,460	128,626	1,602,086
Total Research, Development, Test & Evaluation	18,333,041	17,208,841	326,537	17,535,378

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<u>Summary Recap of Budget Activities</u>	<u>FY 2018 Base Request</u>	<u>FY 2018 June Amendment Base</u>	<u>FY 2018 Amendment Emergency</u>	<u>FY 2018 OCO Request</u>	<u>FY 2018 Amendment OCO</u>	<u>FY 2018 Total OCO</u>	<u>FY 2018 Grand Total</u>
Basic Research	595,901						595,901
Applied Research	886,079						886,079
Advanced Technology Development	686,342						686,342
Advanced Component Development & Prototypes	4,218,714	-25,000		27,710	31,800	59,510	4,253,224
System Development & Demonstration	6,362,102				5,400	5,400	6,367,502
Management Support	945,757						945,757
Operational Systems Development	3,980,140		60,000	102,655		102,655	4,142,795
Total Research, Development, Test & Evaluation	17,675,035	-25,000	60,000	130,365	37,200	167,565	17,877,600
 <u>Summary Recap of FYDP Programs</u>							
Strategic Forces	201,735						201,735
General Purpose Forces	1,675,797			12,800		12,800	1,688,597
Intelligence and Communications	751,779						751,779
Research and Development	13,589,349	-25,000		27,710	37,200	64,910	13,629,259
Central Supply and Maintenance	43,035						43,035
Administration and Associated Activities	1,749						1,749
Space	47,244						47,244
Classified Programs	1,364,347		60,000	89,855		89,855	1,514,202
Total Research, Development, Test & Evaluation	17,675,035	-25,000	60,000	130,365	37,200	167,565	17,877,600

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
1	0601103N	University Research Initiatives	01	140,998	121,714		121,714	U
2	0601152N	In-House Laboratory Independent Research	01	18,978	18,508		18,508	U
3	0601153N	Defense Research Sciences	01	488,666	422,717		422,717	U
		Basic Research		648,642	562,939		562,939	
4	0602114N	Power Projection Applied Research	02	88,940	61,244		61,244	U
5	0602123N	Force Protection Applied Research	02	174,447	201,712		201,712	U
6	0602131M	Marine Corps Landing Force Technology	02	50,164	69,754		69,754	U
7	0602235N	Common Picture Applied Research	02	42,973	41,176		41,176	U
8	0602236N	Warfighter Sustainment Applied Research	02	44,092	50,459		50,459	U
9	0602271N	Electromagnetic Systems Applied Research	02	116,362	120,725		120,725	U
10	0602435N	Ocean Warfighting Environment Applied Research	02	69,703	81,618		81,618	U
11	0602651M	Joint Non-Lethal Weapons Applied Research	02	5,956	6,307		6,307	U
12	0602747N	Undersea Warfare Applied Research	02	151,844	126,279		126,279	U
13	0602750N	Future Naval Capabilities Applied Research	02	172,511	156,970		156,970	U
14	0602782N	Mine and Expeditionary Warfare Applied Research	02	34,583	33,916		33,916	U
15	0602792N	Innovative Naval Prototypes (INP) Applied Research	02					U
16	0602861N	Science and Technology Management - ONR Field Activities	02					U

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1	0601103N	University Research Initiatives	01	118,130						118,130	U
2	0601152N	In-House Laboratory Independent Research	01	19,438						19,438	U
3	0601153N	Defense Research Sciences	01	458,333						458,333	U
		Basic Research		595,901						595,901	
4	0602114N	Power Projection Applied Research	02	13,553						13,553	U
5	0602123N	Force Protection Applied Research	02	125,557						125,557	U
6	0602131M	Marine Corps Landing Force Technology	02	53,936						53,936	U
7	0602235N	Common Picture Applied Research	02	36,450						36,450	U
8	0602236N	Warfighter Sustainment Applied Research	02	48,649						48,649	U
9	0602271N	Electromagnetic Systems Applied Research	02	79,598						79,598	U
10	0602435N	Ocean Warfighting Environment Applied Research	02	42,411						42,411	U
11	0602651M	Joint Non-Lethal Weapons Applied Research	02	6,425						6,425	U
12	0602747N	Undersea Warfare Applied Research	02	56,094						56,094	U
13	0602750N	Future Naval Capabilities Applied Research	02	156,805						156,805	U
14	0602782N	Mine and Expeditionary Warfare Applied Research	02	32,733						32,733	U
15	0602792N	Innovative Naval Prototypes (INP) Applied Research	02	171,146						171,146	U
16	0602861N	Science and Technology Management - ONR Field Activities	02	62,722						62,722	U

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17	0602898N	Science and Technology Management - ONR Headquarters	02		29,575		29,575	U
		Applied Research		951,575	979,735		979,735	
18	0603114N	Power Projection Advanced Technology	03	41,957	96,406		96,406	U
19	0603123N	Force Protection Advanced Technology	03	42,333	85,338		85,338	U
20	0603271N	Electromagnetic Systems Advanced Technology	03	32,924	26,405		26,405	U
21	0603640M	USMC Advanced Technology Demonstration (ATD)	03	128,386	140,327		140,327	U
22	0603651M	Joint Non-Lethal Weapons Technology Development	03	12,374	13,109		13,109	U
23	0603673N	Future Naval Capabilities Advanced Technology Development	03	251,173	266,019		266,019	U
24	0603680N	Manufacturing Technology Program	03	54,739	56,712		56,712	U
25	0603729N	Warfighter Protection Advanced Technology	03	34,894	40,788		40,788	U
26	0603747N	Undersea Warfare Advanced Technology	03	13,251	25,880		25,880	U
27	0603758N	Navy Warfighting Experiments and Demonstrations	03	65,553	59,515		59,515	U
28	0603782N	Mine and Expeditionary Warfare Advanced Technology	03	3,349	13,144		13,144	U
29	0603801N	Innovative Naval Prototypes (INP) Advanced Technology Development	03					U
		Advanced Technology Development		680,933	823,643		823,643	
30	0603207N	Air/Ocean Tactical Applications	04	37,126	44,936		44,936	U
31	0603216N	Aviation Survivability	04	5,343	15,239		15,239	U

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17	0602898N	Science and Technology Management - ONR Headquarters	02								U
		Applied Research		886,079						886,079	
18	0603114N	Power Projection Advanced Technology	03								U
19	0603123N	Force Protection Advanced Technology	03	26,342						26,342	U
20	0603271N	Electromagnetic Systems Advanced Technology	03	9,360						9,360	U
21	0603640M	USMC Advanced Technology Demonstration (ATD)	03	154,407						154,407	U
22	0603651M	Joint Non-Lethal Weapons Technology Development	03	13,448						13,448	U
23	0603673N	Future Naval Capabilities Advanced Technology Development	03	231,772						231,772	U
24	0603680N	Manufacturing Technology Program	03	57,797						57,797	U
25	0603729N	Warfighter Protection Advanced Technology	03	4,878						4,878	U
26	0603747N	Undersea Warfare Advanced Technology	03								U
27	0603758N	Navy Warfighting Experiments and Demonstrations	03	64,889						64,889	U
28	0603782N	Mine and Expeditionary Warfare Advanced Technology	03	15,164						15,164	U
29	0603801N	Innovative Naval Prototypes (INP) Advanced Technology Development	03	108,285						108,285	U
		Advanced Technology Development		686,342						686,342	
30	0603207N	Air/Ocean Tactical Applications	04	48,365						48,365	U
31	0603216N	Aviation Survivability	04	5,566						5,566	U

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32	0603237N	Deployable Joint Command and Control	04	3,051				U
33	0603251N	Aircraft Systems	04	25,763	1,519		1,519	U
34	0603254N	ASW Systems Development	04	5,455	7,024		7,024	U
35	0603261N	Tactical Airborne Reconnaissance	04	8,391	3,268		3,268	U
36	0603382N	Advanced Combat Systems Technology	04	1,572	3,646		3,646	U
37	0603502N	Surface and Shallow Water Mine Countermeasures	04	88,092	120,775		120,775	U
38	0603506N	Surface Ship Torpedo Defense	04	69,803	71,553		71,553	U
39	0603512N	Carrier Systems Development	04	8,213	7,605		7,605	U
40	0603525N	PILOT FISH	04	124,194	131,948		131,948	U
41	0603527N	RETRACT LARCH	04	39,475	14,531	35,907	50,438	U
42	0603536N	RETRACT JUNIPER	04	109,786	115,360		115,360	U
43	0603542N	Radiological Control	04	709	702		702	U
44	0603553N	Surface ASW	04	1,056	1,081		1,081	U
45	0603561N	Advanced Submarine System Development	04	85,496	117,866	5,800	123,666	U
46	0603562N	Submarine Tactical Warfare Systems	04	10,172	8,782		8,782	U
47	0603563N	Ship Concept Advanced Design	04	10,446	14,570		14,570	U
48	0603564N	Ship Preliminary Design & Feasibility Studies	04	3,213	13,805		13,805	U
49	0603570N	Advanced Nuclear Power Systems	04	482,040	453,313		453,313	U
50	0603573N	Advanced Surface Machinery Systems	04	23,443	30,858		30,858	U
51	0603576N	CHALK EAGLE	04	493,472	366,885		366,885	U

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32	0603237N	Deployable Joint Command and Control	04								U
33	0603251N	Aircraft Systems	04	695						695	U
34	0603254N	ASW Systems Development	04	7,661						7,661	U
35	0603261N	Tactical Airborne Reconnaissance	04	3,707						3,707	U
36	0603382N	Advanced Combat Systems Technology	04	61,381						61,381	U
37	0603502N	Surface and Shallow Water Mine Countermeasures	04	154,117						154,117	U
38	0603506N	Surface Ship Torpedo Defense	04	14,974						14,974	U
39	0603512N	Carrier Systems Development	04	9,296						9,296	U
40	0603525N	PILOT FISH	04	132,083						132,083	U
41	0603527N	RETRACT LARCH	04	15,407			22,000		22,000	37,407	U
42	0603536N	RETRACT JUNIPER	04	122,413						122,413	U
43	0603542N	Radiological Control	04	745						745	U
44	0603553N	Surface ASW	04	1,136						1,136	U
45	0603561N	Advanced Submarine System Development	04	100,955						100,955	U
46	0603562N	Submarine Tactical Warfare Systems	04	13,834						13,834	U
47	0603563N	Ship Concept Advanced Design	04	36,891						36,891	U
48	0603564N	Ship Preliminary Design & Feasibility Studies	04	12,012						12,012	U
49	0603570N	Advanced Nuclear Power Systems	04	329,500						329,500	U
50	0603573N	Advanced Surface Machinery Systems	04	29,953						29,953	U
51	0603576N	CHALK EAGLE	04	191,610						191,610	U

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52	0603581N	Littoral Combat Ship (LCS)	04	109,426	51,630		51,630	U
53	0603582N	Combat System Integration	04	32,020	23,510		23,510	U
54	0603595N	Ohio Replacement	04	947,783	700,811		700,811	U
55	0603596N	LCS Mission Modules	04	188,872	153,595		153,595	U
56	0603597N	Automated Test and Analysis	04	22,188	15,000		15,000	U
57	0603599N	Frigate Development	04	18,965	84,900		84,900	U
58	0603609N	Conventional Munitions	04	7,676	8,342		8,342	U
59	0603611M	Marine Corps Assault Vehicles	04	196,991	138,762		138,762	U
60	0603635M	Marine Corps Ground Combat/Support System	04	359	1,303		1,303	U
61	0603654N	Joint Service Explosive Ordnance Development	04	14,957	45,390	3,500	48,890	U
62	0603658N	Cooperative Engagement	04	72,472				U
63	0603713N	Ocean Engineering Technology Development	04	5,135	4,556		4,556	U
64	0603721N	Environmental Protection	04	19,286	19,121		19,121	U
65	0603724N	Navy Energy Program	04	54,911	70,879		70,879	U
66	0603725N	Facilities Improvement	04	3,726	5,458		5,458	U
67	0603734N	CHALK CORAL	04	168,960	230,735		230,735	U
68	0603739N	Navy Logistic Productivity	04	3,728	3,089		3,089	U
69	0603746N	RETRACT MAPLE	04	340,897	314,559		314,559	U
70	0603748N	LINK PLUMERIA	04	192,336	284,291		284,291	U
71	0603751N	RETRACT ELM	04	36,086	52,522		52,522	U

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52	0603581N	Littoral Combat Ship (LCS)	04	40,991						40,991	U
53	0603582N	Combat System Integration	04	24,674						24,674	U
54	0603595N	Ohio Replacement	04	776,158						776,158	U
55	0603596N	LCS Mission Modules	04	116,871						116,871	U
56	0603597N	Automated Test and Analysis	04	8,052						8,052	U
57	0603599N	Frigate Development	04	143,450						143,450	U
58	0603609N	Conventional Munitions	04	8,909						8,909	U
59	0603611M	Marine Corps Assault Vehicles	04								U
60	0603635M	Marine Corps Ground Combat/Support System	04	1,428						1,428	U
61	0603654N	Joint Service Explosive Ordnance Development	04	53,367				29,700	29,700	83,067	U
62	0603658N	Cooperative Engagement	04								U
63	0603713N	Ocean Engineering Technology Development	04	8,212						8,212	U
64	0603721N	Environmental Protection	04	20,214						20,214	U
65	0603724N	Navy Energy Program	04	50,623	-25,000					25,623	U
66	0603725N	Facilities Improvement	04	2,837						2,837	U
67	0603734N	CHALK CORAL	04	245,143						245,143	U
68	0603739N	Navy Logistic Productivity	04	2,995						2,995	U
69	0603746N	RETRACT MAPLE	04	306,101						306,101	U
70	0603748N	LINK PLUMERIA	04	253,675						253,675	U
71	0603751N	RETRACT ELM	04	55,691						55,691	U

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72	0603764N	LINK EVERGREEN	04	45,603	48,116		48,116	U
73	0603787N	Special Processes	04	16,769	13,604		13,604	U
74	0603790N	NATO Research and Development	04	8,320	8,567		8,567	U
75	0603795N	Land Attack Technology	04	887	18,015		18,015	U
76	0603851M	Joint Non-Lethal Weapons Testing	04	27,976	27,893		27,893	U
77	0603860N	Joint Precision Approach and Landing Systems - Dem/Val	04	80,313	102,722		102,722	U
78	0603925N	Directed Energy and Electric Weapon Systems	04	41,355	32,700		32,700	U
79	0604112N	Gerald R. Ford Class Nuclear Aircraft Carrier (CVN 78 - 80)	04	95,408	70,528		70,528	U
80	0604122N	Remote Minehunting System (RMS)	04	16,940	3,001		3,001	U
81	0604272N	Tactical Air Directional Infrared Countermeasures (TADIRCM)	04	18,963	26,920	37,990	64,910	U
82	0604279N	ASE Self-Protection Optimization	04	8,995				U
83	0604286M	Marine Corps Additive Manufacturing Technology Development	04					U
84	0604292N	MH-XX	04	4,462	1,620		1,620	U
85	0604320M	Rapid Technology Capability Prototype	04					U
86	0604454N	LX (R)	04	73,392	25,354		25,354	U
87	0604536N	Advanced Undersea Prototyping	04		59,479		59,479	U
88	0604653N	Joint Counter Radio Controlled IED Electronic Warfare (JCREW)	04	3,765				U
89	0604659N	Precision Strike Weapons Development Program	04	7,621	4,910		4,910	U

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72	0603764N	LINK EVERGREEN	04	48,982						48,982	U
73	0603787N	Special Processes	04								U
74	0603790N	NATO Research and Development	04	9,099						9,099	U
75	0603795N	Land Attack Technology	04	33,568				2,100	2,100	35,668	U
76	0603851M	Joint Non-Lethal Weapons Testing	04	29,873						29,873	U
77	0603860N	Joint Precision Approach and Landing Systems - Dem/Val	04	106,391						106,391	U
78	0603925N	Directed Energy and Electric Weapon Systems	04	107,310						107,310	U
79	0604112N	Gerald R. Ford Class Nuclear Aircraft Carrier (CVN 78 - 80)	04	83,935						83,935	U
80	0604122N	Remote Minehunting System (RMS)	04								U
81	0604272N	Tactical Air Directional Infrared Countermeasures (TADIRCM)	04	46,844			5,710		5,710	52,554	U
82	0604279N	ASE Self-Protection Optimization	04								U
83	0604286M	Marine Corps Additive Manufacturing Technology Development	04	6,200						6,200	U
84	0604292N	MH-XX	04								U
85	0604320M	Rapid Technology Capability Prototype	04	7,055						7,055	U
86	0604454N	LX (R)	04	9,578						9,578	U
87	0604536N	Advanced Undersea Prototyping	04	66,543						66,543	U
88	0604653N	Joint Counter Radio Controlled IED Electronic Warfare (JCREW)	04								U
89	0604659N	Precision Strike Weapons Development Program	04	31,315						31,315	U

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90	0604707N	Space and Electronic Warfare (SEW) Architecture/Engineering Support	04	22,214	20,608		20,608	U
91	0604786N	Offensive Anti-Surface Warfare Weapon Development	04	348,708	300,971	10,100	311,071	U
92	0605812M	Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Ph	04	24,790	9,597		9,597	U
93	0303354N	ASW Systems Development - MIP	04	9,835	9,110		9,110	U
94	0304240M	Advanced Tactical Unmanned Aircraft System	04					U
95	0304270N	Electronic Warfare Development - MIP	04	580	437		437	U
Advanced Component Development & Prototypes				4,929,981	4,537,871	93,297	4,631,168	
96	0603208N	Training System Aircraft	05	16,438	17,938		17,938	U
97	0604212N	Other Helo Development	05	12,070	5,968		5,968	U
98	0604214N	AV-8B Aircraft - Eng Dev	05	26,939	32,664		32,664	U
99	0604215N	Standards Development	05	48,677	1,300		1,300	U
100	0604216N	Multi-Mission Helicopter Upgrade Development	05	17,518	5,275		5,275	U
101	0604218N	Air/Ocean Equipment Engineering	05	4,406	3,875		3,875	U
102	0604221N	P-3 Modernization Program	05	1,485	1,909		1,909	U
103	0604230N	Warfare Support System	05	5,740	11,537		11,537	U
104	0604231N	Tactical Command System	05	75,508	36,303		36,303	U
105	0604234N	Advanced Hawkeye	05	211,146	365,169		365,169	U
106	0604245N	H-1 Upgrades	05	26,768	27,436		27,436	U
107	0604261N	Acoustic Search Sensors	05	30,637	29,525		29,525	U

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90	0604707N	Space and Electronic Warfare (SEW) Architecture/Engineering Support	04	42,851						42,851	U
91	0604786N	Offensive Anti-Surface Warfare Weapon Development	04	160,694						160,694	U
92	0605812M	Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Ph	04								U
93	0303354N	ASW Systems Development - MIP	04	8,278						8,278	U
94	0304240M	Advanced Tactical Unmanned Aircraft System	04	7,979						7,979	U
95	0304270N	Electronic Warfare Development - MIP	04	527						527	U
Advanced Component Development & Prototypes				4,218,714	-25,000		27,710	31,800	59,510	4,253,224	
96	0603208N	Training System Aircraft	05	16,945						16,945	U
97	0604212N	Other Helo Development	05	26,786						26,786	U
98	0604214N	AV-8B Aircraft - Eng Dev	05	48,780						48,780	U
99	0604215N	Standards Development	05	2,722						2,722	U
100	0604216N	Multi-Mission Helicopter Upgrade Development	05	5,371						5,371	U
101	0604218N	Air/Ocean Equipment Engineering	05	782						782	U
102	0604221N	P-3 Modernization Program	05	1,361						1,361	U
103	0604230N	Warfare Support System	05	14,167				5,400	5,400	19,567	U
104	0604231N	Tactical Command System	05	55,695						55,695	U
105	0604234N	Advanced Hawkeye	05	292,535						292,535	U
106	0604245N	H-1 Upgrades	05	61,288						61,288	U
107	0604261N	Acoustic Search Sensors	05	37,167						37,167	U

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108	0604262N	V-22A	05	74,366	154,240		154,240	U
109	0604264N	Air Crew Systems Development	05	10,201	7,477		7,477	U
110	0604269N	EA-18	05	45,384	104,441		104,441	U
111	0604270N	Electronic Warfare Development	05	22,383	42,378		42,378	U
112	0604273N	Executive Helo Development	05	490,768	338,347		338,347	U
113	0604274N	Next Generation Jammer (NGJ)	05	376,548	577,822		577,822	U
114	0604280N	Joint Tactical Radio System - Navy (JTRS-Navy)	05	24,300	2,362		2,362	U
115	0604282N	Next Generation Jammer (NGJ) Increment II	05	12,306	18,965		18,965	U
116	0604307N	Surface Combatant Combat System Engineering	05	430,450	275,756		275,756	U
117	0604311N	LPD-17 Class Systems Integration	05	730	580		580	U
118	0604329N	Small Diameter Bomb (SDB)	05	55,818	91,622		91,622	U
119	0604366N	Standard Missile Improvements	05	111,295	120,561		120,561	U
120	0604373N	Airborne MCM	05	9,399	45,622		45,622	U
121	0604376M	Marine Air Ground Task Force (MAGTF) Electronic Warfare (EW) for Aviation	05	3,281				U
122	0604378N	Naval Integrated Fire Control - Counter Air Systems Engineering	05	22,960	25,750		25,750	U
123	0604404N	Unmanned Carrier Launched Airborne Surveillance and Strike (UCLASS) System	05	414,376				U
124	0604501N	Advanced Above Water Sensors	05	42,796	72,856		72,856	U
125	0604503N	SSN-688 and Trident Modernization	05	106,342	123,460		123,460	U

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108	0604262N	V-22A	05	171,386						171,386	U
109	0604264N	Air Crew Systems Development	05	13,235						13,235	U
110	0604269N	EA-18	05	173,488						173,488	U
111	0604270N	Electronic Warfare Development	05	54,055						54,055	U
112	0604273N	Executive Helo Development	05	451,938						451,938	U
113	0604274N	Next Generation Jammer (NGJ)	05	632,936						632,936	U
114	0604280N	Joint Tactical Radio System - Navy (JTRS-Navy)	05	4,310						4,310	U
115	0604282N	Next Generation Jammer (NGJ) Increment II	05	66,686						66,686	U
116	0604307N	Surface Combatant Combat System Engineering	05	390,238						390,238	U
117	0604311N	LPD-17 Class Systems Integration	05	689						689	U
118	0604329N	Small Diameter Bomb (SDB)	05	112,846						112,846	U
119	0604366N	Standard Missile Improvements	05	158,578						158,578	U
120	0604373N	Airborne MCM	05	15,734						15,734	U
121	0604376M	Marine Air Ground Task Force (MAGTF) Electronic Warfare (EW) for Aviation	05								U
122	0604378N	Naval Integrated Fire Control - Counter Air Systems Engineering	05	25,445						25,445	U
123	0604404N	Unmanned Carrier Launched Airborne Surveillance and Strike (UCLASS) System	05								U
124	0604501N	Advanced Above Water Sensors	05	87,233						87,233	U
125	0604503N	SSN-688 and Trident Modernization	05	130,981						130,981	U

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126	0604504N	Air Control	05	55,947	44,858		44,858	U
127	0604512N	Shipboard Aviation Systems	05	117,401	116,158		116,158	U
128	0604518N	Combat Information Center Conversion	05		6,283		6,283	U
129	0604522N	Air and Missile Defense Radar (AMDR) System	05	227,051	144,362		144,362	U
130	0604558N	New Design SSN	05	150,442	130,011		130,011	U
131	0604562N	Submarine Tactical Warfare System	05	51,054	52,160		52,160	U
132	0604567N	Ship Contract Design/ Live Fire T&E	05	38,060	85,002		85,002	U
133	0604574N	Navy Tactical Computer Resources	05	4,053	3,098		3,098	U
134	0604580N	Virginia Payload Module (VPM)	05	162,168	97,920		97,920	U
135	0604601N	Mine Development	05	12,602	10,490	4,800	15,290	U
136	0604610N	Lightweight Torpedo Development	05	42,548	30,178		30,178	U
137	0604654N	Joint Service Explosive Ordnance Development	05	8,123	7,369		7,369	U
138	0604703N	Personnel, Training, Simulation, and Human Factors	05	7,408	4,995		4,995	U
139	0604727N	Joint Standoff Weapon Systems	05	394	412		412	U
140	0604755N	Ship Self Defense (Detect & Control)	05	145,229	134,619		134,619	U
141	0604756N	Ship Self Defense (Engage: Hard Kill)	05	93,481	119,474		119,474	U
142	0604757N	Ship Self Defense (Engage: Soft Kill/EW)	05	100,153	103,878		103,878	U
143	0604761N	Intelligence Engineering	05	2,053	9,029		9,029	U
144	0604771N	Medical Development	05	24,658	25,220		25,220	U

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126	0604504N	Air Control	05	75,186						75,186	U
127	0604512N	Shipboard Aviation Systems	05	177,926						177,926	U
128	0604518N	Combat Information Center Conversion	05	8,062						8,062	U
129	0604522N	Air and Missile Defense Radar (AMDR) System	05	32,090						32,090	U
130	0604558N	New Design SSN	05	120,087						120,087	U
131	0604562N	Submarine Tactical Warfare System	05	50,850						50,850	U
132	0604567N	Ship Contract Design/ Live Fire T&E	05	67,166						67,166	U
133	0604574N	Navy Tactical Computer Resources	05	4,817						4,817	U
134	0604580N	Virginia Payload Module (VPM)	05	72,861						72,861	U
135	0604601N	Mine Development	05	25,635						25,635	U
136	0604610N	Lightweight Torpedo Development	05	28,076						28,076	U
137	0604654N	Joint Service Explosive Ordnance Development	05	7,561						7,561	U
138	0604703N	Personnel, Training, Simulation, and Human Factors	05	40,828						40,828	U
139	0604727N	Joint Standoff Weapon Systems	05	435						435	U
140	0604755N	Ship Self Defense (Detect & Control)	05	161,713						161,713	U
141	0604756N	Ship Self Defense (Engage: Hard Kill)	05	212,412						212,412	U
142	0604757N	Ship Self Defense (Engage: Soft Kill/EW)	05	103,391						103,391	U
143	0604761N	Intelligence Engineering	05	34,855						34,855	U
144	0604771N	Medical Development	05	9,353						9,353	U

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145	0604777N	Navigation/ID System	05	32,339	42,711		42,711	U
146	0604800M	Joint Strike Fighter (JSF) - EMD	05	526,247	531,426		531,426	U
147	0604800N	Joint Strike Fighter (JSF) - EMD	05	488,703	528,716		528,716	U
148	0604810M	Joint Strike Fighter Follow On Modernization (FoM) - Marine Corps	05	20,157	29,691		29,691	U
149	0604810N	Joint Strike Fighter Follow On Modernization (FoM) - Navy	05	20,544	25,355		25,355	U
150	0605013M	Information Technology Development	05	3,915	4,856		4,856	U
151	0605013N	Information Technology Development	05	77,895	90,551		90,551	U
152	0605024N	Anti-Tamper Technology Support	05		500		500	U
153	0605212N	CH-53K RDTE	05	563,174	350,808		350,808	U
154	0605215N	Mission Planning	05		33,566		33,566	U
155	0605217N	Common Avionics	05		49,491		49,491	U
156	0605220N	Ship to Shore Connector (SSC)	05	7,734	11,088		11,088	U
157	0605327N	T-AO 205 Class	05		1,095		1,095	U
158	0605414N	Unmanned Carrier Aviation (UCA)	05		76,400		76,400	U
159	0605450N	Joint Air-to-Ground Missile (JAGM)	05	25,640	17,880		17,880	U
160	0605500N	Multi-mission Maritime Aircraft (MMA)	05	151,472	64,114		64,114	U
161	0605504N	Multi-Mission Maritime (MMA) Increment III	05	89,686	112,316		112,316	U
162	0605611M	Marine Corps Assault Vehicles System Development & Demonstration	05					U
163	0605813M	Joint Light Tactical Vehicle (JLTV) System Development & Demonstration	05					U

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145	0604777N	Navigation/ID System	05	92,546						92,546	U
146	0604800M	Joint Strike Fighter (JSF) - EMD	05	152,934						152,934	U
147	0604800N	Joint Strike Fighter (JSF) - EMD	05	108,931						108,931	U
148	0604810M	Joint Strike Fighter Follow On Modernization (FoM) - Marine Corps	05	144,958						144,958	U
149	0604810N	Joint Strike Fighter Follow On Modernization (FoM) - Navy	05	143,855						143,855	U
150	0605013M	Information Technology Development	05	14,865						14,865	U
151	0605013N	Information Technology Development	05	152,977						152,977	U
152	0605024N	Anti-Tamper Technology Support	05	3,410						3,410	U
153	0605212N	CH-53K RDTE	05	340,758						340,758	U
154	0605215N	Mission Planning	05	33,430						33,430	U
155	0605217N	Common Avionics	05	58,163						58,163	U
156	0605220N	Ship to Shore Connector (SSC)	05	22,410						22,410	U
157	0605327N	T-AO 205 Class	05	1,961						1,961	U
158	0605414N	Unmanned Carrier Aviation (UCA)	05	222,208						222,208	U
159	0605450N	Joint Air-to-Ground Missile (JAGM)	05	15,473						15,473	U
160	0605500N	Multi-mission Maritime Aircraft (MMA)	05	11,795						11,795	U
161	0605504N	Multi-Mission Maritime (MMA) Increment III	05	181,731						181,731	U
162	0605611M	Marine Corps Assault Vehicles System Development & Demonstration	05	178,993						178,993	U
163	0605813M	Joint Light Tactical Vehicle (JLTV) System Development & Demonstration	05	20,710						20,710	U

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164	0204202N	DDG-1000	05	101,724	45,610		45,610	U
165	0303167N	Pre-Auction Spectrum Relocation Fund	05	131				U
166	0303267N	Auctioned Spectrum Relocation Fund	05	108,490				U
167	0304231N	Tactical Command System - MIP	05	998	676		676	U
168	0304785N	Tactical Cryptologic Systems	05	17,785	34,047		34,047	U
169	0305124N	Special Applications Program	05	26,505	35,002		35,002	U
170	0306250M	Cyber Operations Technology Development	05		2,442		2,442	U
		System Development & Demonstration		6,236,999	5,754,995	4,800	5,759,795	
171	0604256N	Threat Simulator Development	06	30,323	16,633		16,633	U
172	0604258N	Target Systems Development	06	58,730	36,662		36,662	U
173	0604759N	Major T&E Investment	06	66,538	52,096		52,096	U
174	0605126N	Joint Theater Air and Missile Defense Organization	06	6,799	2,998		2,998	U
175	0605152N	Studies and Analysis Support - Navy	06	4,141	3,931		3,931	U
176	0605154N	Center for Naval Analyses	06	45,558	45,257		45,257	U
177	0605285N	Next Generation Fighter	06	5,909	1,200		1,200	U
178	0605502N	Small Business Innovative Research	06	384,569				U
179	0605804N	Technical Information Services	06	1,328	903		903	U
180	0605853N	Management, Technical & International Support	06	77,073	99,923		99,923	U
181	0605856N	Strategic Technical Support	06	3,140	3,597		3,597	U
182	0605861N	RDT&E Science and Technology Management	06	76,872	62,811		62,811	U

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164	0204202N	DDG-1000	05	140,500						140,500	U
165	0303167N	Pre-Auction Spectrum Relocation Fund	05								U
166	0303267N	Auctioned Spectrum Relocation Fund	05								U
167	0304231N	Tactical Command System - MIP	05								U
168	0304785N	Tactical Cryptologic Systems	05	28,311						28,311	U
169	0305124N	Special Applications Program	05								U
170	0306250M	Cyber Operations Technology Development	05	4,502						4,502	U
System Development & Demonstration				6,362,102				5,400	5,400	6,367,502	
171	0604256N	Threat Simulator Development	06	91,819						91,819	U
172	0604258N	Target Systems Development	06	23,053						23,053	U
173	0604759N	Major T&E Investment	06	52,634						52,634	U
174	0605126N	Joint Theater Air and Missile Defense Organization	06	141						141	U
175	0605152N	Studies and Analysis Support - Navy	06	3,917						3,917	U
176	0605154N	Center for Naval Analyses	06	50,432						50,432	U
177	0605285N	Next Generation Fighter	06								U
178	0605502N	Small Business Innovative Research	06								U
179	0605804N	Technical Information Services	06	782						782	U
180	0605853N	Management, Technical & International Support	06	94,562						94,562	U
181	0605856N	Strategic Technical Support	06	4,313						4,313	U
182	0605861N	RDT&E Science and Technology Management	06	1,104						1,104	U

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183	0605863N	RDT&E Ship and Aircraft Support	06	128,715	106,093		106,093	U
184	0605864N	Test and Evaluation Support	06	351,469	349,146	52,300	401,446	U
185	0605865N	Operational Test and Evaluation Capability	06	17,796	18,160		18,160	U
186	0605866N	Navy Space and Electronic Warfare (SEW) Support	06	6,316	9,658		9,658	U
187	0605867N	SEW Surveillance/Reconnaissance Support	06	6,519	6,500		6,500	U
188	0605873M	Marine Corps Program Wide Support	06	14,129	19,736		19,736	U
189	0605898N	Management HQ - R&D	06		16,254		16,254	U
190	0606355N	Warfare Innovation Management	06		15,415		15,415	U
191	0902498N	Management Headquarters (Departmental Support Activities)	06					U
192	0909980N	Judgment Fund Reimbursement	06	398				U
193	0909999N	Financing for Cancelled Account Adjustments	06	171				U
194	1206867N	SEW Surveillance/Reconnaissance Support	06					U
		Management Support		1,286,493	866,973	52,300	919,273	
196	0607658N	Cooperative Engagement Capability (CEC)	07		77,001		77,001	U
197	0607700N	Deployable Joint Command and Control	07		2,970		2,970	U
198	0101221N	Strategic Sub & Weapons System Support	07	96,078	131,056		131,056	U
199	0101224N	SSBN Security Technology Program	07	45,166	33,808		33,808	U

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183	0605863N	RDT&E Ship and Aircraft Support	06	105,666						105,666	U
184	0605864N	Test and Evaluation Support	06	373,667						373,667	U
185	0605865N	Operational Test and Evaluation Capability	06	20,298						20,298	U
186	0605866N	Navy Space and Electronic Warfare (SEW) Support	06	17,341						17,341	U
187	0605867N	SEW Surveillance/Reconnaissance Support	06								U
188	0605873M	Marine Corps Program Wide Support	06	21,751						21,751	U
189	0605898N	Management HQ - R&D	06	44,279						44,279	U
190	0606355N	Warfare Innovation Management	06	28,841						28,841	U
191	0902498N	Management Headquarters (Departmental Support Activities)	06	1,749						1,749	U
192	0909980N	Judgment Fund Reimbursement	06								U
193	0909999N	Financing for Cancelled Account Adjustments	06								U
194	1206867N	SEW Surveillance/Reconnaissance Support	06	9,408						9,408	U
		Management Support		945,757						945,757	
196	0607658N	Cooperative Engagement Capability (CEC)	07	92,571						92,571	U
197	0607700N	Deployable Joint Command and Control	07	3,137						3,137	U
198	0101221N	Strategic Sub & Weapons System Support	07	135,219						135,219	U
199	0101224N	SSBN Security Technology Program	07	36,242						36,242	U

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200	0101226N	Submarine Acoustic Warfare Development	07	4,658	9,329		9,329	U
201	0101402N	Navy Strategic Communications	07	16,121	17,194		17,194	U
202	0203761N	Rapid Technology Transition (RTT)	07	7,626				U
203	0204136N	F/A-18 Squadrons	07	132,905	174,393		174,393	U
204	0204163N	Fleet Telecommunications (Tactical)	07	39,548	47,791		47,791	U
205	0204228N	Surface Support	07	28,210	21,156		21,156	U
206	0204229N	Tomahawk and Tomahawk Mission Planning Center (TMPC)	07	26,650	43,016		43,016	U
207	0204311N	Integrated Surveillance System	07	76,204	57,043		57,043	U
208	0204413N	Amphibious Tactical Support Units (Displacement Craft)	07	11,330	13,929		13,929	U
209	0204460M	Ground/Air Task Oriented Radar (G/ATOR)	07	61,348	81,009		81,009	U
210	0204571N	Consolidated Training Systems Development	07	32,902	45,331		45,331	U
211	0204574N	Cryptologic Direct Support	07	1,915	1,122		1,122	U
212	0204575N	Electronic Warfare (EW) Readiness Support	07	44,727	83,292		83,292	U
213	0205601N	HARM Improvement	07	28,063	38,435		38,435	U
214	0205604N	Tactical Data Links	07	138,549	124,517		124,517	U
215	0205620N	Surface ASW Combat System Integration	07	23,685	24,567		24,567	U
216	0205632N	MK-48 ADCAP	07	47,496	49,128		49,128	U
217	0205633N	Aviation Improvements	07	103,685	118,853		118,853	U

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200	0101226N	Submarine Acoustic Warfare Development	07	12,053						12,053	U
201	0101402N	Navy Strategic Communications	07	18,221						18,221	U
202	0203761N	Rapid Technology Transition (RTT)	07								U
203	0204136N	F/A-18 Squadrons	07	224,470						224,470	U
204	0204163N	Fleet Telecommunications (Tactical)	07	33,525						33,525	U
205	0204228N	Surface Support	07	24,829						24,829	U
206	0204229N	Tomahawk and Tomahawk Mission Planning Center (TMPC)	07	133,617						133,617	U
207	0204311N	Integrated Surveillance System	07	38,972			11,600		11,600	50,572	U
208	0204413N	Amphibious Tactical Support Units (Displacement Craft)	07	3,940						3,940	U
209	0204460M	Ground/Air Task Oriented Radar (G/ATOR)	07	54,645						54,645	U
210	0204571N	Consolidated Training Systems Development	07	66,518						66,518	U
211	0204574N	Cryptologic Direct Support	07	1,155			1,200		1,200	2,355	U
212	0204575N	Electronic Warfare (EW) Readiness Support	07	51,040						51,040	U
213	0205601N	HARM Improvement	07	87,989						87,989	U
214	0205604N	Tactical Data Links	07	89,852						89,852	U
215	0205620N	Surface ASW Combat System Integration	07	29,351						29,351	U
216	0205632N	MK-48 ADCAP	07	68,553						68,553	U
217	0205633N	Aviation Improvements	07	119,099						119,099	U

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218	0205675N	Operational Nuclear Power Systems	07	101,323	101,786		101,786	U
219	0206313M	Marine Corps Communications Systems	07	84,017	98,862	41,714	140,576	U
220	0206335M	Common Aviation Command and Control System (CAC2S)	07	13,959	8,976		8,976	U
221	0206623M	Marine Corps Ground Combat/ Supporting Arms Systems	07	55,058	41,857		41,857	U
222	0206624M	Marine Corps Combat Services Support	07	23,423	11,700		11,700	U
223	0206625M	USMC Intelligence/Electronic Warfare Systems (MIP)	07	13,373	17,167	5,800	22,967	U
224	0206629M	Amphibious Assault Vehicle	07	41,363	38,020		38,020	U
225	0207161N	Tactical AIM Missiles	07	59,053	56,285		56,285	U
226	0207163N	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	30,240	40,350		40,350	U
227	0219902M	Global Combat Support System - Marine Corps (GCSS-MC)	07		9,128		9,128	U
231	0303109N	Satellite Communications (SPACE)	07	45,946	32,048		32,048	U
232	0303138N	Consolidated Afloat Network Enterprise Services (CANES)	07	21,522	23,530		23,530	U
233	0303140N	Information Systems Security Program	07	29,491	33,257		33,257	U
235	0305160N	Navy Meteorological and Ocean Sensors-Space (METOC)	07	599				U
236	0305192N	Military Intelligence Program (MIP) Activities	07	6,207	6,019		6,019	U
237	0305204N	Tactical Unmanned Aerial Vehicles	07	8,550	8,436		8,436	U
238	0305205N	UAS Integration and Interoperability	07	42,202	21,909		21,909	U

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Appropriation: 1319N Research, Development, Test & Eval, Navy

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
218	0205675N	Operational Nuclear Power Systems	07	127,445						127,445	U
219	0206313M	Marine Corps Communications Systems	07	123,825						123,825	U
220	0206335M	Common Aviation Command and Control System (CAC2S)	07	7,343						7,343	U
221	0206623M	Marine Corps Ground Combat/Supporting Arms Systems	07	66,009						66,009	U
222	0206624M	Marine Corps Combat Services Support	07	25,258						25,258	U
223	0206625M	USMC Intelligence/Electronic Warfare Systems (MIP)	07	30,886						30,886	U
224	0206629M	Amphibious Assault Vehicle	07	58,728						58,728	U
225	0207161N	Tactical AIM Missiles	07	42,884						42,884	U
226	0207163N	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	25,364						25,364	U
227	0219902M	Global Combat Support System - Marine Corps (GCSS-MC)	07								U
231	0303109N	Satellite Communications (SPACE)	07								U
232	0303138N	Consolidated Afloat Network Enterprise Services (CANES)	07	24,271						24,271	U
233	0303140N	Information Systems Security Program	07	50,269						50,269	U
235	0305160N	Navy Meteorological and Ocean Sensors-Space (METOC)	07								U
236	0305192N	Military Intelligence Program (MIP) Activities	07	6,352						6,352	U
237	0305204N	Tactical Unmanned Aerial Vehicles	07	7,770						7,770	U
238	0305205N	UAS Integration and Interoperability	07	39,736						39,736	U

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Appropriation: 1319N Research, Development, Test & Eval, Navy

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
239	0305208M	Distributed Common Ground/Surface Systems	07	1,105	2,090		2,090	U
240	0305208N	Distributed Common Ground/Surface Systems	07	23,149	44,564		44,564	U
241	0305220N	MQ-4C Triton	07	237,118	111,631		111,631	U
242	0305231N	MQ-8 UAV	07	52,770	26,518		26,518	U
243	0305232M	RQ-11 UAV	07	635				U
244	0305233N	RQ-7 UAV	07	688				U
245	0305234N	Small (Level 0) Tactical UAS (STUASL0)	07	4,647	5,071		5,071	U
246	0305239M	RQ-21A	07	6,251	8,379		8,379	U
247	0305241N	Multi-Intelligence Sensor Development	07	39,645	64,765		64,765	U
248	0305242M	Unmanned Aerial Systems (UAS) Payloads (MIP)	07	9,246	11,181		11,181	U
249	0305421N	RQ-4 Modernization	07	119,892	144,566		144,566	U
250	0308601N	Modeling and Simulation Support	07	4,585	4,709		4,709	U
251	0702207N	Depot Maintenance (Non-IF)	07	23,401	38,277		38,277	U
252	0708730N	Maritime Technology (MARITECH)	07	4,162	3,204		3,204	U
253	1203109N	Satellite Communications (SPACE)	07					U
9999	9999999999	Classified Programs		1,527,932	1,473,460	128,626	1,602,086	U
		Operational Systems Development		3,598,418	3,682,685	176,140	3,858,825	
		Total Research, Development, Test & Eval, Navy		18,333,041	17,208,841	326,537	17,535,378	

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
239	0305208M	Distributed Common Ground/Surface Systems	07	12,867						12,867	U
240	0305208N	Distributed Common Ground/Surface Systems	07	46,150						46,150	U
241	0305220N	MQ-4C Triton	07	84,115						84,115	U
242	0305231N	MQ-8 UAV	07	62,656						62,656	U
243	0305232M	RQ-11 UAV	07	2,022						2,022	U
244	0305233N	RQ-7 UAV	07								U
245	0305234N	Small (Level 0) Tactical UAS (STUASL0)	07	4,835						4,835	U
246	0305239M	RQ-21A	07	8,899						8,899	U
247	0305241N	Multi-Intelligence Sensor Development	07	99,020						99,020	U
248	0305242M	Unmanned Aerial Systems (UAS) Payloads (MIP)	07	18,578						18,578	U
249	0305421N	RQ-4 Modernization	07	229,404						229,404	U
250	0308601N	Modeling and Simulation Support	07	5,238						5,238	U
251	0702207N	Depot Maintenance (Non-IF)	07	38,227						38,227	U
252	0708730N	Maritime Technology (MARITECH)	07	4,808						4,808	U
253	1203109N	Satellite Communications (SPACE)	07	37,836						37,836	U
9999	9999999999	Classified Programs		1,364,347		60,000	89,855		89,855	1,514,202	U
		Operational Systems Development		3,980,140			102,655		102,655	4,142,795	
		Total Research, Development, Test & Eval, Navy		17,675,035	-25,000		130,365	37,200	167,565	17,877,600	

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<u>Summary Recap of Budget Activities</u>	<u>FY 2016 Base + OCO</u>	<u>FY 2017 Base Enactment</u>	<u>FY 2017 OCO Enactment</u>	<u>FY 2017 Total (Base + OCO)</u>
Basic Research	510,673	545,024		545,024
Applied Research	1,241,501	1,325,652		1,325,652
Advanced Technology Development	675,737	807,705		807,705
Advanced Component Development & Prototypes	1,555,274	2,867,270	13,700	2,880,970
System Development & Demonstration	3,832,399	3,961,420	18,425	3,979,845
Management Support	1,512,458	1,275,223		1,275,223
Operational Systems Development	15,915,939	16,983,742	333,080	17,316,822
Total Research, Development, Test & Evaluation	25,243,981	27,766,036	365,205	28,131,241
 <u>Summary Recap of FYDP Programs</u>				
Strategic Forces	551,805	617,561		617,561
General Purpose Forces	1,608,073	2,072,138	56,500	2,128,638
Intelligence and Communications	1,605,446	1,839,698	74,915	1,914,613
Mobility Forces	294,978	479,520	12,000	491,520
Research and Development	8,916,417	9,827,315	27,425	9,854,740
Central Supply and Maintenance	98,763	96,834		96,834
Training Medical and Other	3,155	3,114		3,114
Administration and Associated Activities	110,405	29,791		29,791
Support of Other Nations	2,315	4,784		4,784
Space				
Classified Programs	12,052,624	12,795,281	194,365	12,989,646
Total Research, Development, Test & Evaluation	25,243,981	27,766,036	365,205	28,131,241

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<u>Summary Recap of Budget Activities</u>	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total
Basic Research	505,259						505,259
Applied Research	1,284,114						1,284,114
Advanced Technology Development	794,017						794,017
Advanced Component Development & Prototypes	4,605,030		90,500	13,200		13,200	4,708,730
System Development & Demonstration	4,476,762						4,476,762
Management Support	2,663,875						2,663,875
Operational Systems Development	20,585,302		165,244	122,158		122,158	20,872,704
Total Research, Development, Test & Evaluation	34,914,359		255,744	135,358		135,358	35,305,461
 <u>Summary Recap of FYDP Programs</u>							
Strategic Forces	825,038						825,038
General Purpose Forces	2,962,365			9,750		9,750	2,972,115
Intelligence and Communications	1,466,925		90,500	5,400		5,400	1,562,825
Mobility Forces	602,629						602,629
Research and Development	10,713,989			7,800		7,800	10,721,789
Central Supply and Maintenance	109,419						109,419
Training Medical and Other	3,615						3,615
Administration and Associated Activities	121,899						121,899
Support of Other Nations	4,569						4,569
Space	3,165,909						3,165,909
Classified Programs	14,938,002		165,244	112,408		112,408	15,215,654
Total Research, Development, Test & Evaluation	34,914,359		255,744	135,358		135,358	35,305,461

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
1	0601102F	Defense Research Sciences	01	365,276	380,812		380,812	U
2	0601103F	University Research Initiatives	01	132,526	150,044		150,044	U
3	0601108F	High Energy Laser Research Initiatives	01	12,871	14,168		14,168	U
		Basic Research		510,673	545,024		545,024	
4	0602102F	Materials	02	132,768	159,152		159,152	U
5	0602201F	Aerospace Vehicle Technologies	02	118,263	132,831		132,831	U
6	0602202F	Human Effectiveness Applied Research	02	108,784	111,647		111,647	U
7	0602203F	Aerospace Propulsion	02	184,498	195,671		195,671	U
8	0602204F	Aerospace Sensors	02	151,264	162,674		162,674	U
9	0602298F	Science and Technology Management - Major Headquarters Activities	02					U
10	0602601F	Space Technology	02	107,442	117,915		117,915	U
11	0602602F	Conventional Munitions	02	105,296	109,649		109,649	U
12	0602605F	Directed Energy Technology	02	122,835	127,163		127,163	U
13	0602788F	Dominant Information Sciences and Methods	02	171,196	166,650		166,650	U
14	0602890F	High Energy Laser Research	02	39,155	42,300		42,300	U
		Applied Research		1,241,501	1,325,652		1,325,652	
15	0603112F	Advanced Materials for Weapon Systems	03	38,238	53,137		53,137	U
16	0603199F	Sustainment Science and Technology (S&T)	03	17,323	20,636		20,636	U
17	0603203F	Advanced Aerospace Sensors	03	39,794	40,945		40,945	U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
1	0601102F	Defense Research Sciences	01	342,919						342,919	U
2	0601103F	University Research Initiatives	01	147,923						147,923	U
3	0601108F	High Energy Laser Research Initiatives	01	14,417						14,417	U
		Basic Research		505,259						505,259	
4	0602102F	Materials	02	124,264						124,264	U
5	0602201F	Aerospace Vehicle Technologies	02	124,678						124,678	U
6	0602202F	Human Effectiveness Applied Research	02	108,784						108,784	U
7	0602203F	Aerospace Propulsion	02	192,695						192,695	U
8	0602204F	Aerospace Sensors	02	152,782						152,782	U
9	0602298F	Science and Technology Management - Major Headquarters Activities	02	8,353						8,353	U
10	0602601F	Space Technology	02	116,503						116,503	U
11	0602602F	Conventional Munitions	02	112,195						112,195	U
12	0602605F	Directed Energy Technology	02	132,993						132,993	U
13	0602788F	Dominant Information Sciences and Methods	02	167,818						167,818	U
14	0602890F	High Energy Laser Research	02	43,049						43,049	U
		Applied Research		1,284,114						1,284,114	
15	0603112F	Advanced Materials for Weapon Systems	03	37,856						37,856	U
16	0603199F	Sustainment Science and Technology (S&T)	03	22,811						22,811	U
17	0603203F	Advanced Aerospace Sensors	03	40,978						40,978	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
18	0603211F	Aerospace Technology Dev/Demo	03	95,266	130,950		130,950	U
19	0603216F	Aerospace Propulsion and Power Technology	03	168,542	109,594		109,594	U
20	0603270F	Electronic Combat Technology	03	45,359	66,150		66,150	U
21	0603401F	Advanced Spacecraft Technology	03	62,278	71,593		71,593	U
22	0603444F	Maui Space Surveillance System (MSSS)	03	12,303	11,681		11,681	U
23	0603456F	Human Effectiveness Advanced Technology Development	03	24,094	26,492		26,492	U
24	0603601F	Conventional Weapons Technology	03	42,204	107,009		107,009	U
25	0603605F	Advanced Weapons Technology	03	37,301	49,064		49,064	U
26	0603680F	Manufacturing Technology Program	03	51,467	62,344		62,344	U
27	0603788F	Battlespace Knowledge Development and Demonstration	03	41,568	58,110		58,110	U
Advanced Technology Development				675,737	807,705		807,705	
28	0603260F	Intelligence Advanced Development	04	5,032	5,598		5,598	U
29	0603287F	Physical Security Equipment	04			9,000	9,000	U
30	0603438F	Space Control Technology	04	3,955	7,534		7,534	U
31	0603742F	Combat Identification Technology	04	21,025	24,418		24,418	U
32	0603790F	NATO Research and Development	04	4,566	4,333		4,333	U
33	0603830F	Space Security and Defense Program	04	30,771	32,399		32,399	U
34	0603851F	Intercontinental Ballistic Missile - Dem/Val	04	34,765	113,663		113,663	U
35	0603859F	Pollution Prevention - Dem/Val	04		3,500		3,500	U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
18	0603211F	Aerospace Technology Dev/Demo	03	115,966						115,966	U
19	0603216F	Aerospace Propulsion and Power Technology	03	104,499						104,499	U
20	0603270F	Electronic Combat Technology	03	60,551						60,551	U
21	0603401F	Advanced Spacecraft Technology	03	58,910						58,910	U
22	0603444F	Maui Space Surveillance System (MSSS)	03	10,433						10,433	U
23	0603456F	Human Effectiveness Advanced Technology Development	03	33,635						33,635	U
24	0603601F	Conventional Weapons Technology	03	167,415						167,415	U
25	0603605F	Advanced Weapons Technology	03	45,502						45,502	U
26	0603680F	Manufacturing Technology Program	03	46,450						46,450	U
27	0603788F	Battlespace Knowledge Development and Demonstration	03	49,011						49,011	U
Advanced Technology Development				794,017						794,017	
28	0603260F	Intelligence Advanced Development	04	5,652						5,652	U
29	0603287F	Physical Security Equipment	04								U
30	0603438F	Space Control Technology	04				7,800		7,800	7,800	U
31	0603742F	Combat Identification Technology	04	24,397						24,397	U
32	0603790F	NATO Research and Development	04	3,851						3,851	U
33	0603830F	Space Security and Defense Program	04								U
34	0603851F	Intercontinental Ballistic Missile - Dem/Val	04	10,736						10,736	U
35	0603859F	Pollution Prevention - Dem/Val	04	2						2	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
36	0604015F	Long Range Strike - Bomber	04	710,390	1,338,309		1,338,309	U
37	0604201F	Integrated Avionics Planning and Development	04					U
38	0604257F	Advanced Technology and Sensors	04		34,818		34,818	U
39	0604288F	National Airborne Ops Center (NAOC) Recap	04					U
40	0604317F	Technology Transfer	04	7,494	8,368		8,368	U
41	0604327F	Hard and Deeply Buried Target Defeat System (HDBTDS) Program	04	62,034	54,708		54,708	U
42	0604414F	Cyber Resiliency of Weapon Systems-ACS	04					U
43	0604422F	Weather System Follow-on	04	46,307	88,953		88,953	U
44	0604425F	Space Situation Awareness Systems	04		9,901		9,901	U
45	0604776F	Deployment & Distribution Enterprise R&D	04		25,890		25,890	U
46	0604857F	Operationally Responsive Space	04	22,123	18,421		18,421	U
47	0604858F	Tech Transition Program	04	264,673	384,964		384,964	U
48	0605230F	Ground Based Strategic Deterrent	04	64,966	111,421		111,421	U
49	0201184F	Counter Narco-Terrorism Program Office	04	1,850				U
50	0207110F	Next Generation Air Dominance	04	32,495	20,161		20,161	U
51	0207455F	Three Dimensional Long-Range Radar (3DELRR)	04	7,865	48,958		48,958	U
52	0305164F	NAVSTAR Global Positioning System (User Equipment) (SPACE)	04	143,118	309,047		309,047	U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
36	0604015F	Long Range Strike - Bomber	04	2,003,580						2,003,580	U
37	0604201F	Integrated Avionics Planning and Development	04	65,458						65,458	U
38	0604257F	Advanced Technology and Sensors	04	68,719						68,719	U
39	0604288F	National Airborne Ops Center (NAOC) Recap	04	7,850						7,850	U
40	0604317F	Technology Transfer	04	3,295						3,295	U
41	0604327F	Hard and Deeply Buried Target Defeat System (HDBTDS) Program	04	17,365						17,365	U
42	0604414F	Cyber Resiliency of Weapon Systems-ACS	04	32,253						32,253	U
43	0604422F	Weather System Follow-on	04								U
44	0604425F	Space Situation Awareness Systems	04								U
45	0604776F	Deployment & Distribution Enterprise R&D	04	26,222						26,222	U
46	0604857F	Operationally Responsive Space	04								U
47	0604858F	Tech Transition Program	04	840,650						840,650	U
48	0605230F	Ground Based Strategic Deterrent	04	215,721						215,721	U
49	0201184F	Counter Narco-Terrorism Program Office	04								U
50	0207110F	Next Generation Air Dominance	04	294,746						294,746	U
51	0207455F	Three Dimensional Long-Range Radar (3DELRR)	04	10,645						10,645	U
52	0305164F	NAVSTAR Global Positioning System (User Equipment) (SPACE)	04								U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se c
53	0305236F	Common Data Link Executive Agent (CDL EA)	04		42,338		42,338	U
54	0306250F	Cyber Operations Technology Development	04	91,845	157,944	4,700	162,644	U
55	0306415F	Enabled Cyber Activities	04		15,842		15,842	U
56	0408011F	Special Tactics / Combat Control	04					U
57	0901410F	Contracting Information Technology System	04		5,782		5,782	U
58	1203164F	NAVSTAR Global Positioning System (User Equipment) (SPACE)	04					U
59	1203710F	EO/IR Weather Systems	04					U
60	1206422F	Weather System Follow-on	04					U
61	1206425F	Space Situation Awareness Systems	04					U
62	1206434F	Midterm Polar MILSATCOM System	04					U
63	1206438F	Space Control Technology	04					U
64	1206730F	Space Security and Defense Program	04					U
65	1206760F	Protected Tactical Enterprise Service (PTES)	04					U
66	1206761F	Protected Tactical Service (PTS)	04					U
67	1206855F	Protected SATCOM Services (PSCS) - Aggregated	04					U
68	1206857F	Operationally Responsive Space	04					U
		Advanced Component Development & Prototypes		1,555,274	2,867,270	13,700	2,880,970	
69	0604200F	Future Advanced Weapon Analysis & Programs	05					U

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53	0305236F	Common Data Link Executive Agent (CDL EA)	04	41,509						41,509	U
54	0306250F	Cyber Operations Technology Development	04	226,287		90,500	5,400		5,400	322,187	U
55	0306415F	Enabled Cyber Activities	04	16,687						16,687	U
56	0408011F	Special Tactics / Combat Control	04	4,500						4,500	U
57	0901410F	Contracting Information Technology System	04	15,867						15,867	U
58	1203164F	NAVSTAR Global Positioning System (User Equipment) (SPACE)	04	253,939						253,939	U
59	1203710F	EO/IR Weather Systems	04	10,000						10,000	U
60	1206422F	Weather System Follow-on	04	112,088						112,088	U
61	1206425F	Space Situation Awareness Systems	04	34,764						34,764	U
62	1206434F	Midterm Polar MILSATCOM System	04	63,092						63,092	U
63	1206438F	Space Control Technology	04	7,842						7,842	U
64	1206730F	Space Security and Defense Program	04	41,385						41,385	U
65	1206760F	Protected Tactical Enterprise Service (PTES)	04	18,150						18,150	U
66	1206761F	Protected Tactical Service (PTS)	04	24,201						24,201	U
67	1206855F	Protected SATCOM Services (PSCS) - Aggregated	04	16,000						16,000	U
68	1206857F	Operationally Responsive Space	04	87,577						87,577	U
		Advanced Component Development & Prototypes		4,605,030		90,500	13,200		13,200	4,708,730	
69	0604200F	Future Advanced Weapon Analysis & Programs	05	5,100						5,100	U

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70	0604201F	Integrated Avionics Planning and Development	05					U
71	0604222F	Nuclear Weapons Support	05					U
72	0604270F	Electronic Warfare Development	05	813	5,176		5,176	U
73	0604281F	Tactical Data Networks Enterprise	05	49,495	80,799		80,799	U
74	0604287F	Physical Security Equipment	05	5,973	8,458	18,000	26,458	U
75	0604329F	Small Diameter Bomb (SDB) - EMD	05	27,950	38,987		38,987	U
76	0604421F	Counterspace Systems	05	24,134	34,394	425	34,819	U
77	0604425F	Space Situation Awareness Systems	05	30,116	23,945		23,945	U
78	0604426F	Space Fence	05	240,692	168,364		168,364	U
79	0604429F	Airborne Electronic Attack	05	8,067	8,915		8,915	U
80	0604441F	Space Based Infrared System (SBIRS) High EMD	05	291,510	161,966		161,966	U
81	0604602F	Armament/Ordnance Development	05	36,266	20,312		20,312	U
82	0604604F	Submunitions	05	2,419	2,503		2,503	U
83	0604617F	Agile Combat Support	05	56,178	50,680		50,680	U
84	0604618F	Joint Direct Attack Munition	05		9,901		9,901	U
85	0604706F	Life Support Systems	05	7,904	7,520		7,520	U
86	0604735F	Combat Training Ranges	05	11,368	68,409		68,409	U
87	0604800F	F-35 - EMD	05	575,932	450,387		450,387	U
88	0604853F	Evolved Expendable Launch Vehicle Program (SPACE) - EMD	05	224,920	395,173		395,173	U
89	0604932F	Long Range Standoff Weapon	05	16,143	95,604		95,604	U

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70	0604201F	Integrated Avionics Planning and Development	05	101,203						101,203	U
71	0604222F	Nuclear Weapons Support	05	3,009						3,009	U
72	0604270F	Electronic Warfare Development	05	2,241						2,241	U
73	0604281F	Tactical Data Networks Enterprise	05	38,250						38,250	U
74	0604287F	Physical Security Equipment	05	19,739						19,739	U
75	0604329F	Small Diameter Bomb (SDB) - EMD	05	38,979						38,979	U
76	0604421F	Counterspace Systems	05								U
77	0604425F	Space Situation Awareness Systems	05								U
78	0604426F	Space Fence	05								U
79	0604429F	Airborne Electronic Attack	05	7,091						7,091	U
80	0604441F	Space Based Infrared System (SBIRS) High EMD	05								U
81	0604602F	Armament/Ordnance Development	05	46,540						46,540	U
82	0604604F	Submunitions	05	2,705						2,705	U
83	0604617F	Agile Combat Support	05	31,240						31,240	U
84	0604618F	Joint Direct Attack Munition	05								U
85	0604706F	Life Support Systems	05	9,060						9,060	U
86	0604735F	Combat Training Ranges	05	87,350						87,350	U
87	0604800F	F-35 - EMD	05	292,947						292,947	U
88	0604853F	Evolved Expendable Launch Vehicle Program (SPACE) - EMD	05								U
89	0604932F	Long Range Standoff Weapon	05	451,290						451,290	U

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90	0604933F	ICBM Fuze Modernization	05	138,027	189,751		189,751	U
91	0605030F	Joint Tactical Network Center (JTNC)	05		1,131		1,131	U
92	0605031F	Joint Tactical Network (JTN)	05					U
93	0605213F	F-22 Modernization Increment 3.2B	05	115,603	70,290		70,290	U
94	0605214F	Ground Attack Weapons Fuze Development	05	3,477	937		937	U
95	0605221F	KC-46	05	572,118	229,924		229,924	U
96	0605223F	Advanced Pilot Training	05	10,395	7,377		7,377	U
97	0605229F	Combat Rescue Helicopter	05	150,341	273,331		273,331	U
98	0605431F	Advanced EHF MILSATCOM (SPACE)	05	208,095	229,131		229,131	U
99	0605432F	Polar MILSATCOM (SPACE)	05	71,867	45,815		45,815	U
100	0605433F	Wideband Global SATCOM (SPACE)	05	49,954	76,632		76,632	U
101	0605458F	Air & Space Ops Center 10.2 RDT&E	05	55,333	21,911		21,911	U
102	0605931F	B-2 Defensive Management System	05	261,162	289,015		289,015	U
103	0101125F	Nuclear Weapons Modernization	05	204,358	137,909		137,909	U
104	0207171F	F-15 EPAWSS	05	174,439	250,669		250,669	U
105	0207328F	Stand In Attack Weapon	05					U
106	0207701F	Full Combat Mission Training	05	17,290	12,051		12,051	U
107	0303267F	Auctioned Spectrum Relocation Fund	05	40,571				U
108	0303367F	Spectrum Access Research and Development	05	383				U
109	0305176F	Combat Survivor Evader Locator	05	958	29,253		29,253	U
110	0307581F	JSTARS Recap	05	51,306	128,019		128,019	U

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90	0604933F	ICBM Fuze Modernization	05	178,991						178,991	U
91	0605030F	Joint Tactical Network Center (JTNC)	05	12,736						12,736	U
92	0605031F	Joint Tactical Network (JTN)	05	9,319						9,319	U
93	0605213F	F-22 Modernization Increment 3.2B	05	13,600						13,600	U
94	0605214F	Ground Attack Weapons Fuze Development	05								U
95	0605221F	KC-46	05	93,845						93,845	U
96	0605223F	Advanced Pilot Training	05	105,999						105,999	U
97	0605229F	Combat Rescue Helicopter	05	354,485						354,485	U
98	0605431F	Advanced EHF MILSATCOM (SPACE)	05								U
99	0605432F	Polar MILSATCOM (SPACE)	05								U
100	0605433F	Wideband Global SATCOM (SPACE)	05								U
101	0605458F	Air & Space Ops Center 10.2 RDT&E	05	119,745						119,745	U
102	0605931F	B-2 Defensive Management System	05	194,570						194,570	U
103	0101125F	Nuclear Weapons Modernization	05	91,237						91,237	U
104	0207171F	F-15 EPAWSS	05	209,847						209,847	U
105	0207328F	Stand In Attack Weapon	05	3,400						3,400	U
106	0207701F	Full Combat Mission Training	05	16,727						16,727	U
107	0303267F	Auctioned Spectrum Relocation Fund	05								U
108	0303367F	Spectrum Access Research and Development	05								U
109	0305176F	Combat Survivor Evader Locator	05								U
110	0307581F	JSTARS Recap	05	417,201						417,201	U

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111	0401310F	C-32 Executive Transport Recapitalization	05					U
112	0401319F	Presidential Aircraft Recapitalization (PAR)	05	82,420	322,220		322,220	U
113	0701212F	Automated Test Systems	05	14,422	14,561		14,561	U
114	1203176F	Combat Survivor Evader Locator	05					U
115	1203940F	Space Situation Awareness Operations	05					U
116	1206421F	Counterspace Systems	05					U
117	1206425F	Space Situation Awareness Systems	05					U
118	1206426F	Space Fence	05					U
119	1206431F	Advanced EHF MILSATCOM (SPACE)	05					U
120	1206432F	Polar MILSATCOM (SPACE)	05					U
121	1206433F	Wideband Global SATCOM (SPACE)	05					U
122	1206441F	Space Based Infrared System (SBIRS) High EMD	05					U
123	1206442F	Evolved SBIRS	05					U
124	1206853F	Evolved Expendable Launch Vehicle Program (SPACE) - EMD	05					U
System Development & Demonstration				3,832,399	3,961,420	18,425	3,979,845	
125	0604256F	Threat Simulator Development	06	23,558	21,630		21,630	U
126	0604759F	Major T&E Investment	06	70,894	66,385		66,385	U
127	0605101F	RAND Project Air Force	06	33,943	34,641		34,641	U
128	0605502F	Small Business Innovation Research	06	337,762				U

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111	0401310F	C-32 Executive Transport Recapitalization	05	6,017						6,017	U
112	0401319F	Presidential Aircraft Recapitalization (PAR)	05	434,069						434,069	U
113	0701212F	Automated Test Systems	05	18,528						18,528	U
114	1203176F	Combat Survivor Evader Locator	05	24,967						24,967	U
115	1203940F	Space Situation Awareness Operations	05	10,029						10,029	U
116	1206421F	Counterspace Systems	05	66,370						66,370	U
117	1206425F	Space Situation Awareness Systems	05	48,448						48,448	U
118	1206426F	Space Fence	05	35,937						35,937	U
119	1206431F	Advanced EHF MILSATCOM (SPACE)	05	145,610						145,610	U
120	1206432F	Polar MILSATCOM (SPACE)	05	33,644						33,644	U
121	1206433F	Wideband Global SATCOM (SPACE)	05	14,263						14,263	U
122	1206441F	Space Based Infrared System (SBIRS) High EMD	05	311,844						311,844	U
123	1206442F	Evolved SBIRS	05	71,018						71,018	U
124	1206853F	Evolved Expendable Launch Vehicle Program (SPACE) - EMD	05	297,572						297,572	U
System Development & Demonstration				4,476,762						4,476,762	
125	0604256F	Threat Simulator Development	06	35,405						35,405	U
126	0604759F	Major T&E Investment	06	82,874						82,874	U
127	0605101F	RAND Project Air Force	06	34,346						34,346	U
128	0605502F	Small Business Innovation Research	06								U

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129	0605712F	Initial Operational Test & Evaluation	06	11,172	11,529		11,529	U
130	0605807F	Test and Evaluation Support	06	683,307	676,417		676,417	U
131	0605826F	Acq Workforce- Global Power	06					U
132	0605827F	Acq Workforce- Global Vig & Combat Sys	06					U
133	0605828F	Acq Workforce- Global Reach	06					U
134	0605829F	Acq Workforce- Cyber, Network, & Bus Sys	06					U
135	0605830F	Acq Workforce- Global Battle Mgmt	06					U
136	0605831F	Acq Workforce- Capability Integration	06					U
137	0605832F	Acq Workforce- Advanced Prgm Technology	06					U
138	0605833F	Acq Workforce- Nuclear Systems	06					U
139	0605860F	Rocket Systems Launch Program (SPACE)	06	21,245	11,198		11,198	U
140	0605864F	Space Test Program (STP)	06	28,143	42,070		42,070	U
141	0605898F	Management HQ - R&D	06					U
142	0605976F	Facilities Restoration and Modernization - Test and Evaluation Support	06	40,518	134,111		134,111	U
143	0605978F	Facilities Sustainment - Test and Evaluation Support	06	27,895	28,091		28,091	U
144	0606017F	Requirements Analysis and Maturation	06	21,922	33,746		33,746	U
145	0606116F	Space Test and Training Range Development	06	18,465	18,528		18,528	U

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129	0605712F	Initial Operational Test & Evaluation	06	15,523						15,523	U
130	0605807F	Test and Evaluation Support	06	678,289						678,289	U
131	0605826F	Acq Workforce- Global Power	06	219,809						219,809	U
132	0605827F	Acq Workforce- Global Vig & Combat Sys	06	223,179						223,179	U
133	0605828F	Acq Workforce- Global Reach	06	138,556						138,556	U
134	0605829F	Acq Workforce- Cyber, Network, & Bus Sys	06	221,393						221,393	U
135	0605830F	Acq Workforce- Global Battle Mgmt	06	152,577						152,577	U
136	0605831F	Acq Workforce- Capability Integration	06	196,561						196,561	U
137	0605832F	Acq Workforce- Advanced Prgm Technology	06	28,322						28,322	U
138	0605833F	Acq Workforce- Nuclear Systems	06	126,611						126,611	U
139	0605860F	Rocket Systems Launch Program (SPACE)	06								U
140	0605864F	Space Test Program (STP)	06								U
141	0605898F	Management HQ - R&D	06	9,154						9,154	U
142	0605976F	Facilities Restoration and Modernization - Test and Evaluation Support	06	135,507						135,507	U
143	0605978F	Facilities Sustainment - Test and Evaluation Support	06	28,720						28,720	U
144	0606017F	Requirements Analysis and Maturation	06	35,453						35,453	U
145	0606116F	Space Test and Training Range Development	06								U

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146	0606392F	Space and Missile Center (SMC) Civilian Workforce	06	169,196	171,666		171,666	U
147	0308602F	ENTEPRISE INFORMATION SERVICES (EIS)	06	3,841	4,410		4,410	U
148	0702806F	Acquisition and Management Support	06	16,358	14,613		14,613	U
149	0804731F	General Skill Training	06	1,268	1,404		1,404	U
150	0909999F	Financing for Cancelled Account Adjustments	06	656				U
151	1001004F	International Activities	06	2,315	4,784		4,784	U
152	1206116F	Space Test and Training Range Development	06					U
153	1206392F	Space and Missile Center (SMC) Civilian Workforce	06					U
154	1206398F	Space & Missile Systems Center - MHA	06					U
155	1206860F	Rocket Systems Launch Program (SPACE)	06					U
156	1206864F	Space Test Program (STP)	06					U
		Management Support		1,512,458	1,275,223		1,275,223	
157	0603423F	Global Positioning System III - Operational Control Segment	07	344,226	390,364		390,364	U
158	0604222F	Nuclear Weapons Support	07					U
159	0604233F	Specialized Undergraduate Flight Training	07	7,742	18,427		18,427	U
160	0604445F	Wide Area Surveillance	07	17,639	46,695		46,695	U
162	0605018F	AF Integrated Personnel and Pay System (AF-IPPS)	07	30,334	10,295		10,295	U

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146	0606392F	Space and Missile Center (SMC) Civilian Workforce	06								U
147	0308602F	ENTEPRISE INFORMATION SERVICES (EIS)	06	29,049						29,049	U
148	0702806F	Acquisition and Management Support	06	14,980						14,980	U
149	0804731F	General Skill Training	06	1,434						1,434	U
150	0909999F	Financing for Cancelled Account Adjustments	06								U
151	1001004F	International Activities	06	4,569						4,569	U
152	1206116F	Space Test and Training Range Development	06	25,773						25,773	U
153	1206392F	Space and Missile Center (SMC) Civilian Workforce	06	169,887						169,887	U
154	1206398F	Space & Missile Systems Center - MHA	06	9,531						9,531	U
155	1206860F	Rocket Systems Launch Program (SPACE)	06	20,975						20,975	U
156	1206864F	Space Test Program (STP)	06	25,398						25,398	U
		Management Support		2,663,875						2,663,875	
157	0603423F	Global Positioning System III - Operational Control Segment	07								U
158	0604222F	Nuclear Weapons Support	07	27,579						27,579	U
159	0604233F	Specialized Undergraduate Flight Training	07	5,776						5,776	U
160	0604445F	Wide Area Surveillance	07	16,247						16,247	U
162	0605018F	AF Integrated Personnel and Pay System (AF-IPPS)	07	21,915						21,915	U

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163	0605024F	Anti-Tamper Technology Executive Agency	07	25,857	31,858		31,858	U
164	0605117F	Foreign Materiel Acquisition and Exploitation	07	41,689	58,360		58,360	U
165	0605278F	HC/MC-130 Recap RDT&E	07	8,646	8,987		8,987	U
166	0606018F	NC3 Integration	07					U
167	0101113F	B-52 Squadrons	07	70,172	83,267		83,267	U
168	0101122F	Air-Launched Cruise Missile (ALCM)	07	451	453		453	U
169	0101126F	B-1B Squadrons	07	2,174	3,930		3,930	U
170	0101127F	B-2 Squadrons	07	105,914	127,458		127,458	U
171	0101213F	Minuteman Squadrons	07	128,492	178,958		178,958	U
172	0101313F	Integrated Strategic Planning and Analysis Network (ISPAN) - USSTRATCOM	07	26,954	38,886		38,886	U
173	0101314F	Night Fist - USSTRATCOM	07	87				U
174	0101316F	Worldwide Joint Strategic Communications	07	3,815	13,042		13,042	U
175	0101324F	Integrated Strategic Planning & Analysis Network	07					U
177	0102110F	UH-1N Replacement Program	07		14,116		14,116	U
178	0102326F	Region/Sector Operation Control Center Modernization Program	07		10,868		10,868	U
179	0105921F	Service Support to STRATCOM - Space Activities	07	9,388	8,674		8,674	U
180	0205219F	MQ-9 UAV	07	124,695	138,316	35,000	173,316	U

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163	0605024F	Anti-Tamper Technology Executive Agency	07	33,150						33,150	U
164	0605117F	Foreign Materiel Acquisition and Exploitation	07	66,653						66,653	U
165	0605278F	HC/MC-130 Recap RDT&E	07	38,579						38,579	U
166	0606018F	NC3 Integration	07	12,636						12,636	U
167	0101113F	B-52 Squadrons	07	111,910						111,910	U
168	0101122F	Air-Launched Cruise Missile (ALCM)	07	463						463	U
169	0101126F	B-1B Squadrons	07	62,471						62,471	U
170	0101127F	B-2 Squadrons	07	193,108						193,108	U
171	0101213F	Minuteman Squadrons	07	210,845						210,845	U
172	0101313F	Integrated Strategic Planning and Analysis Network (ISPAN) - USSTRATCOM	07	25,736						25,736	U
173	0101314F	Night Fist - USSTRATCOM	07								U
174	0101316F	Worldwide Joint Strategic Communications	07	6,272						6,272	U
175	0101324F	Integrated Strategic Planning & Analysis Network	07	11,032						11,032	U
177	0102110F	UH-1N Replacement Program	07	108,617						108,617	U
178	0102326F	Region/Sector Operation Control Center Modernization Program	07	3,347						3,347	U
179	0105921F	Service Support to STRATCOM - Space Activities	07								U
180	0205219F	MQ-9 UAV	07	201,394						201,394	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	See c
181	0205671F	Joint Counter RCIED Electronic Warfare	07	300				U
182	0207040F	Multi-Platform Electronic Warfare Equipment	07	3,980				U
183	0207131F	A-10 Squadrons	07	16,200	4,853	6,500	11,353	U
184	0207133F	F-16 Squadrons	07	153,611	120,195	15,000	135,195	U
185	0207134F	F-15E Squadrons	07	210,029	356,717		356,717	U
186	0207136F	Manned Destructive Suppression	07	14,400	14,773		14,773	U
187	0207138F	F-22A Squadrons	07	224,550	376,464		376,464	U
188	0207142F	F-35 Squadrons	07	51,990	76,713		76,713	U
189	0207161F	Tactical AIM Missiles	07	33,615	52,898		52,898	U
190	0207163F	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	44,335	62,470		62,470	U
191	0207224F	Combat Rescue and Recovery	07	398				U
192	0207227F	Combat Rescue - Pararescue	07	636	362		362	U
193	0207247F	AF TENCAP	07	37,489	28,413		28,413	U
194	0207249F	Precision Attack Systems Procurement	07	1,064	649		649	U
195	0207253F	Compass Call	07	32,024	13,723		13,723	U
196	0207268F	Aircraft Engine Component Improvement Program	07	104,092	109,859		109,859	U
197	0207277F	ISR Innovations	07					U
198	0207325F	Joint Air-to-Surface Standoff Missile (JASSM)	07	9,221	21,902		21,902	U
199	0207410F	Air & Space Operations Center (AOC)	07	20,588	30,343		30,343	U

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181	0205671F	Joint Counter RCIED Electronic Warfare	07								U
182	0207040F	Multi-Platform Electronic Warfare Equipment	07								U
183	0207131F	A-10 Squadrons	07	17,459						17,459	U
184	0207133F	F-16 Squadrons	07	246,578						246,578	U
185	0207134F	F-15E Squadrons	07	320,271						320,271	U
186	0207136F	Manned Destructive Suppression	07	15,106						15,106	U
187	0207138F	F-22A Squadrons	07	610,942						610,942	U
188	0207142F	F-35 Squadrons	07	334,530						334,530	U
189	0207161F	Tactical AIM Missiles	07	34,952						34,952	U
190	0207163F	Advanced Medium Range Air-to-Air Missile (AMRAAM)	07	61,322						61,322	U
191	0207224F	Combat Rescue and Recovery	07								U
192	0207227F	Combat Rescue - Pararescue	07	693						693	U
193	0207247F	AF TENCAP	07								U
194	0207249F	Precision Attack Systems Procurement	07	1,714						1,714	U
195	0207253F	Compass Call	07	14,040						14,040	U
196	0207268F	Aircraft Engine Component Improvement Program	07	109,243						109,243	U
197	0207277F	ISR Innovations	07				5,750		5,750	5,750	U
198	0207325F	Joint Air-to-Surface Standoff Missile (JASSM)	07	29,932						29,932	U
199	0207410F	Air & Space Operations Center (AOC)	07	26,956						26,956	U

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200	0207412F	Control and Reporting Center (CRC)	07	557	13,292		13,292	U
201	0207417F	Airborne Warning and Control System (AWACS)	07	124,457	86,644		86,644	U
202	0207418F	Tactical Airborne Control Systems	07	5,786	2,442		2,442	U
204	0207431F	Combat Air Intelligence System Activities	07	6,793	15,461		15,461	U
205	0207444F	Tactical Air Control Party-Mod	07	10,747	11,843		11,843	U
206	0207448F	C2ISR Tactical Data Link	07	1,629	1,446		1,446	U
207	0207452F	DCAPES	07	12,909	14,979		14,979	U
208	0207573F	National Technical Nuclear Forensics	07					U
209	0207590F	Seek Eagle	07	21,131	25,308		25,308	U
210	0207601F	USAF Modeling and Simulation	07	20,358	16,072		16,072	U
211	0207605F	Wargaming and Simulation Centers	07	5,819	4,245		4,245	U
212	0207697F	Distributed Training and Exercises	07	4,202	3,668		3,668	U
213	0208006F	Mission Planning Systems	07	54,176	71,785		71,785	U
214	0208007F	Tactical Deception	07					U
215	0208087F	AF Offensive Cyberspace Operations	07	14,939	25,025		25,025	U
216	0208088F	AF Defensive Cyberspace Operations	07	7,414	39,439		39,439	U
219	0301017F	Global Sensor Integrated on Network (GSIN)	07	5,803	3,392		3,392	U
220	0301112F	Nuclear Planning and Execution System (NPES)	07		4,060		4,060	U
226	0301400F	Space Superiority Intelligence	07	13,965	12,380		12,380	U

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200	0207412F	Control and Reporting Center (CRC)	07	2,450						2,450	U
201	0207417F	Airborne Warning and Control System (AWACS)	07	151,726						151,726	U
202	0207418F	Tactical Airborne Control Systems	07	3,656						3,656	U
204	0207431F	Combat Air Intelligence System Activities	07	13,420						13,420	U
205	0207444F	Tactical Air Control Party-Mod	07	10,623						10,623	U
206	0207448F	C2ISR Tactical Data Link	07	1,754						1,754	U
207	0207452F	DCAPES	07	17,382						17,382	U
208	0207573F	National Technical Nuclear Forensics	07	2,307						2,307	U
209	0207590F	Seek Eagle	07	25,397						25,397	U
210	0207601F	USAF Modeling and Simulation	07	10,175						10,175	U
211	0207605F	Wargaming and Simulation Centers	07	12,839						12,839	U
212	0207697F	Distributed Training and Exercises	07	4,190						4,190	U
213	0208006F	Mission Planning Systems	07	85,531						85,531	U
214	0208007F	Tactical Deception	07	3,761						3,761	U
215	0208087F	AF Offensive Cyberspace Operations	07	35,693			4,000		4,000	39,693	U
216	0208088F	AF Defensive Cyberspace Operations	07	20,964						20,964	U
219	0301017F	Global Sensor Integrated on Network (GSIN)	07	3,549						3,549	U
220	0301112F	Nuclear Planning and Execution System (NPES)	07	4,371						4,371	U
226	0301400F	Space Superiority Intelligence	07								U

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227	0301401F	Air Force Space and Cyber Non-Traditional ISR for Battlespace Awareness	07					U
228	0302015F	E-4B National Airborne Operations Center (NAOC)	07	76,760	26,048		26,048	U
229	0303001F	Family of Advanced BLoS Terminals (FAB-T)	07	12,313	42,378		42,378	U
230	0303131F	Minimum Essential Emergency Communications Network (MEECN)	07	92,036	39,457		39,457	U
231	0303140F	Information Systems Security Program	07	44,578	37,388		37,388	U
232	0303141F	Global Combat Support System	07		52		52	U
233	0303142F	Global Force Management - Data Initiative	07	2,470	2,099		2,099	U
234	0303601F	MILSATCOM Terminals	07	9,000				U
236	0304260F	Airborne SIGINT Enterprise	07	111,142	90,762		90,762	U
237	0304310F	Commercial Economic Analysis	07					U
240	0305020F	CCMD Intelligence Information Technology	07		1,507		1,507	U
241	0305099F	Global Air Traffic Management (GATM)	07	4,089	4,354		4,354	U
242	0305110F	Satellite Control Network (SPACE)	07	7,327	14,624		14,624	U
243	0305111F	Weather Service	07	28,812	24,974		24,974	U
244	0305114F	Air Traffic Control, Approach, and Landing System (ATCALs)	07	18,830	17,770		17,770	U
245	0305116F	Aerial Targets	07	2,578	3,051		3,051	U
248	0305128F	Security and Investigative Activities	07	455	405		405	U

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227	0301401F	Air Force Space and Cyber Non-Traditional ISR for Battlespace Awareness	07	3,721						3,721	U
228	0302015F	E-4B National Airborne Operations Center (NAOC)	07	35,467						35,467	U
229	0303001F	Family of Advanced BLoS Terminals (FAB-T)	07								U
230	0303131F	Minimum Essential Emergency Communications Network (MEECN)	07	48,841						48,841	U
231	0303140F	Information Systems Security Program	07	42,973						42,973	U
232	0303141F	Global Combat Support System	07	105						105	U
233	0303142F	Global Force Management - Data Initiative	07	2,147						2,147	U
234	0303601F	MILSATCOM Terminals	07								U
236	0304260F	Airborne SIGINT Enterprise	07	121,948						121,948	U
237	0304310F	Commercial Economic Analysis	07	3,544						3,544	U
240	0305020F	CCMD Intelligence Information Technology	07	1,542						1,542	U
241	0305099F	Global Air Traffic Management (GATM)	07	4,453						4,453	U
242	0305110F	Satellite Control Network (SPACE)	07								U
243	0305111F	Weather Service	07	26,654						26,654	U
244	0305114F	Air Traffic Control, Approach, and Landing System (ATCALs)	07	6,306						6,306	U
245	0305116F	Aerial Targets	07	21,295						21,295	U
248	0305128F	Security and Investigative Activities	07	415						415	U

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249	0305145F	Arms Control Implementation	07	9,116	4,844		4,844	U
250	0305146F	Defense Joint Counterintelligence Activities	07	361	339		339	U
253	0305173F	Space and Missile Test and Evaluation Center	07	3,490	3,989		3,989	U
254	0305174F	Space Innovation, Integration and Rapid Technology Development	07	1,543	1,570	4,715	6,285	U
255	0305179F	Integrated Broadcast Service (IBS)	07	9,760	8,833		8,833	U
256	0305182F	Spacelift Range System (SPACE)	07	5,708	21,867		21,867	U
257	0305202F	Dragon U-2	07	34,471	37,217		37,217	U
258	0305205F	Endurance Unmanned Aerial Vehicles	07	5,000	50,000		50,000	U
259	0305206F	Airborne Reconnaissance Systems	07	61,742	13,465		13,465	U
260	0305207F	Manned Reconnaissance Systems	07	13,245	20,975		20,975	U
261	0305208F	Distributed Common Ground/Surface Systems	07	22,686	18,902		18,902	U
262	0305220F	RQ-4 UAV	07	180,547	244,807		244,807	U
263	0305221F	Network-Centric Collaborative Targeting	07	19,587	22,610		22,610	U
264	0305236F	Common Data Link Executive Agent (CDL EA)	07	43,709	-2,046		-2,046	U
265	0305238F	NATO AGS	07	131,900	38,904		38,904	U
266	0305240F	Support to DCGS Enterprise	07	28,336	23,084		23,084	U
267	0305265F	GPS III Space Segment	07	147,398	171,843		171,843	U
268	0305600F	International Intelligence Technology and Architectures	07	2,298	2,360		2,360	U

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249	0305145F	Arms Control Implementation	07								U
250	0305146F	Defense Joint Counterintelligence Activities	07	3,867						3,867	U
253	0305173F	Space and Missile Test and Evaluation Center	07								U
254	0305174F	Space Innovation, Integration and Rapid Technology Development	07								U
255	0305179F	Integrated Broadcast Service (IBS)	07								U
256	0305182F	Spacelift Range System (SPACE)	07								U
257	0305202F	Dragon U-2	07	34,486						34,486	U
258	0305205F	Endurance Unmanned Aerial Vehicles	07								U
259	0305206F	Airborne Reconnaissance Systems	07	4,450						4,450	U
260	0305207F	Manned Reconnaissance Systems	07	14,269						14,269	U
261	0305208F	Distributed Common Ground/Surface Systems	07	27,501						27,501	U
262	0305220F	RQ-4 UAV	07	214,849						214,849	U
263	0305221F	Network-Centric Collaborative Targeting	07	18,842						18,842	U
264	0305236F	Common Data Link Executive Agent (CDL EA)	07								U
265	0305238F	NATO AGS	07	44,729						44,729	U
266	0305240F	Support to DCGS Enterprise	07	26,349						26,349	U
267	0305265F	GPS III Space Segment	07								U
268	0305600F	International Intelligence Technology and Architectures	07	3,491						3,491	U

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269	0305614F	JSPOC Mission System	07	80,669	72,889	6,700	79,589	U
270	0305881F	Rapid Cyber Acquisition	07	3,036	4,280		4,280	U
271	0305906F	NCCM - TW/AA System	07		4,951		4,951	U
272	0305913F	NUDET Detection System (SPACE)	07	14,403	21,093		21,093	U
273	0305940F	Space Situation Awareness Operations	07	23,416	35,002	58,800	93,802	U
274	0305984F	Personnel Recovery Command & Ctrl (PRC2)	07					U
275	0307577F	Intelligence Mission Data (IMD)	07					U
276	0308699F	Shared Early Warning (SEW)	07	845	6,366		6,366	U
277	0401115F	C-130 Airlift Squadron	07	33,962	15,599		15,599	U
278	0401119F	C-5 Airlift Squadrons (IF)	07	22,766	66,146		66,146	U
279	0401130F	C-17 Aircraft (IF)	07	36,082	12,430		12,430	U
280	0401132F	C-130J Program	07	31,410	16,776		16,776	U
281	0401134F	Large Aircraft IR Countermeasures (LAIRCM)	07	5,802	5,166		5,166	U
282	0401218F	KC-135s	07					U
283	0401219F	KC-10s	07	1,597	3,500		3,500	U
284	0401314F	Operational Support Airlift	07	46,453	13,817		13,817	U
285	0401318F	CV-22	07	26,821	16,702	12,000	28,702	U
286	0401840F	AMC Command and Control System	07					U
287	0408011F	Special Tactics / Combat Control	07	7,665	7,164		7,164	U
288	0702207F	Depot Maintenance (Non-IF)	07	1,514	1,518		1,518	U

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269	0305614F	JSPOC Mission System	07								U
270	0305881F	Rapid Cyber Acquisition	07	4,899						4,899	U
271	0305906F	NCMC - TW/AA System	07								U
272	0305913F	NUDET Detection System (SPACE)	07								U
273	0305940F	Space Situation Awareness Operations	07								U
274	0305984F	Personnel Recovery Command & Ctrl (PRC2)	07	2,445						2,445	U
275	0307577F	Intelligence Mission Data (IMD)	07	8,684						8,684	U
276	0308699F	Shared Early Warning (SEW)	07								U
277	0401115F	C-130 Airlift Squadron	07	10,219						10,219	U
278	0401119F	C-5 Airlift Squadrons (IF)	07	22,758						22,758	U
279	0401130F	C-17 Aircraft (IF)	07	34,287						34,287	U
280	0401132F	C-130J Program	07	26,821						26,821	U
281	0401134F	Large Aircraft IR Countermeasures (LAIRCM)	07	5,283						5,283	U
282	0401218F	KC-135s	07	9,942						9,942	U
283	0401219F	KC-10s	07	7,933						7,933	U
284	0401314F	Operational Support Airlift	07	6,681						6,681	U
285	0401318F	CV-22	07	22,519						22,519	U
286	0401840F	AMC Command and Control System	07	3,510						3,510	U
287	0408011F	Special Tactics / Combat Control	07	8,090						8,090	U
288	0702207F	Depot Maintenance (Non-IF)	07	1,528						1,528	U

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289	0708055F	Maintenance, Repair & Overhaul System	07					U
290	0708610F	Logistics Information Technology (LOGIT)	07	52,482	57,014		57,014	U
291	0708611F	Support Systems Development	07	13,987	9,128		9,128	U
292	0804743F	Other Flight Training	07	1,770	1,653		1,653	U
293	0808716F	Other Personnel Activities	07	117	57		57	U
294	0901202F	Joint Personnel Recovery Agency	07	5,741	3,663		3,663	U
295	0901218F	Civilian Compensation Program	07	3,475	3,735		3,735	U
296	0901220F	Personnel Administration	07	4,416	5,157		5,157	U
297	0901226F	Air Force Studies and Analysis Agency	07	1,064	1,469		1,469	U
298	0901538F	Financial Management Information Systems Development	07	95,053	9,985		9,985	U
299	1201921F	Service Support to STRATCOM - Space Activities	07					U
300	1202247F	AF TENCAP	07					U
301	1203001F	Family of Advanced BLoS Terminals (FAB-T)	07					U
302	1203110F	Satellite Control Network (SPACE)	07					U
304	1203165F	NAVSTAR Global Positioning System (Space and Control Segments)	07					U
305	1203173F	Space and Missile Test and Evaluation Center	07					U
306	1203174F	Space Innovation, Integration and Rapid Technology Development	07					U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
289	0708055F	Maintenance, Repair & Overhaul System	07	31,677						31,677	U
290	0708610F	Logistics Information Technology (LOGIT)	07	33,344						33,344	U
291	0708611F	Support Systems Development	07	9,362						9,362	U
292	0804743F	Other Flight Training	07	2,074						2,074	U
293	0808716F	Other Personnel Activities	07	107						107	U
294	0901202F	Joint Personnel Recovery Agency	07	2,006						2,006	U
295	0901218F	Civilian Compensation Program	07	3,780						3,780	U
296	0901220F	Personnel Administration	07	7,472						7,472	U
297	0901226F	Air Force Studies and Analysis Agency	07	1,563						1,563	U
298	0901538F	Financial Management Information Systems Development	07	91,211						91,211	U
299	1201921F	Service Support to STRATCOM - Space Activities	07	14,255						14,255	U
300	1202247F	AF TENCAP	07	31,914						31,914	U
301	1203001F	Family of Advanced BLoS Terminals (FAB-T)	07	32,426						32,426	U
302	1203110F	Satellite Control Network (SPACE)	07	18,808						18,808	U
304	1203165F	NAVSTAR Global Positioning System (Space and Control Segments)	07	10,029						10,029	U
305	1203173F	Space and Missile Test and Evaluation Center	07	25,051						25,051	U
306	1203174F	Space Innovation, Integration and Rapid Technology Development	07	11,390						11,390	U

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Appropriation: 3600F Research, Development, Test & Eval, AF

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
307	1203179F	Integrated Broadcast Service (IBS)	07					U
308	1203182F	Spacelift Range System (SPACE)	07					U
309	1203265F	GPS III Space Segment	07					U
310	1203400F	Space Superiority Intelligence	07					U
311	1203614F	JSpOC Mission System	07					U
312	1203620F	National Space Defense Center	07					U
313	1203699F	Shared Early Warning (SEW)	07					U
314	1203906F	NCCM - TW/AA System	07					U
315	1203913F	NUDET Detection System (SPACE)	07					U
316	1203940F	Space Situation Awareness Operations	07					U
317	1206423F	Global Positioning System III - Operational Control Segment	07					U
9999	9999999999	Classified Programs		12,052,624	12,795,281	194,365	12,989,646	U
		Operational Systems Development		15,915,939	16,983,742	333,080	17,316,822	
		Total Research, Development, Test & Eval, AF		25,243,981	27,766,036	365,205	28,131,241	

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Appropriation: 3600F Research, Development, Test & Eval, AF

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
307	1203179F	Integrated Broadcast Service (IBS)	07	8,747						8,747	U
308	1203182F	Spacelift Range System (SPACE)	07	10,549						10,549	U
309	1203265F	GPS III Space Segment	07	243,435						243,435	U
310	1203400F	Space Superiority Intelligence	07	12,691						12,691	U
311	1203614F	JSpOC Mission System	07	99,455						99,455	U
312	1203620F	National Space Defense Center	07	18,052						18,052	U
313	1203699F	Shared Early Warning (SEW)	07	1,373						1,373	U
314	1203906F	NCCM - TW/AA System	07	5,000						5,000	U
315	1203913F	NUDET Detection System (SPACE)	07	31,508						31,508	U
316	1203940F	Space Situation Awareness Operations	07	99,984						99,984	U
317	1206423F	Global Positioning System III - Operational Control Segment	07	510,938						510,938	U
9999	9999999999	Classified Programs		14,938,002		165,244	112,408		112,408	15,215,654	U
		Operational Systems Development		20,585,302			122,158		122,158	20,872,704	
		Total Research, Development, Test & Eval, AF		34,914,359		255,744	135,358		135,358	35,305,461	

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<u>Summary Recap of Budget Activities</u>	<u>FY 2016 Base + OCO</u>	<u>FY 2017 Base Enactment</u>	<u>FY 2017 OCO Enactment</u>	<u>FY 2017 Total (Base + OCO)</u>
Basic Research	613,178	675,233		675,233
Applied Research	1,659,070	1,736,448		1,736,448
Advanced Technology Development	3,162,869	3,183,388	4,300	3,187,688
Advanced Component Development And Prototypes	7,097,448	7,350,529	125,050	7,475,579
System Development And Demonstration	529,149	621,677		621,677
Management Support	1,332,929	986,574	1,600	988,174
Operational System Development	4,612,162	4,212,837	311,154	4,523,991
Total Research, Development, Test & Evaluation	19,006,805	18,766,686	442,104	19,208,790
 <u>Summary Recap of FYDP Programs</u>				
General Purpose Forces	73,054	68,069		68,069
Intelligence and Communications	550,136	523,784		523,784
Research and Development	14,147,946	14,295,603	129,350	14,424,953
Central Supply and Maintenance	23,552	3,908		3,908
Training Medical and Other	41,735	29,951		29,951
Administration and Associated Activities	39,799	32,754		32,754
Special Operations Forces	483,423	537,269	4,800	542,069
Space				
Classified Programs	3,647,160	3,275,348	307,954	3,583,302
Total Research, Development, Test & Evaluation	19,006,805	18,766,686	442,104	19,208,790

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<u>Summary Recap of Budget Activities</u>	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total
Basic Research	697,347						697,347
Applied Research	1,914,090						1,914,090
Advanced Technology Development	3,445,847		5,000	25,000		25,000	3,475,847
Advanced Component Development And Prototypes	7,736,741		930,600				8,667,341
System Development And Demonstration	818,819						818,819
Management Support	1,010,530		30,000				1,040,530
Operational System Development	4,867,528		44,620	201,096		201,096	5,113,244
Total Research, Development, Test & Evaluation	20,490,902		1,010,220	226,096		226,096	21,727,218
 <u>Summary Recap of FYDP Programs</u>							
General Purpose Forces	72,790						72,790
Intelligence and Communications	588,968						588,968
Research and Development	15,305,560		951,600	25,000		25,000	16,282,160
Central Supply and Maintenance	4,694						4,694
Training Medical and Other	44,500						44,500
Administration and Associated Activities	35,060						35,060
Special Operations Forces	633,829			4,920		4,920	638,749
Space	52,543		14,000				66,543
Classified Programs	3,752,958		44,620	196,176		196,176	3,993,754
Total Research, Development, Test & Evaluation	20,490,902		1,010,220	226,096		226,096	21,727,218

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<u>Appropriation</u>	<u>FY 2016 Base + OCO</u>	<u>FY 2017 Base Enactment</u>	<u>FY 2017 OCO Enactment</u>	<u>FY 2017 Total (Base + OCO)</u>
Chemical and Biological Defense Program	978,327	909,946		909,946
Defense Advanced Research Projects Agency	2,868,281	2,887,661		2,887,661
Defense Contract Management Agency	12,042	11,505		11,505
Defense Human Resources Activity	18,695	16,888		16,888
Defense Intelligence Agency				
Defense Information Systems Agency	252,313	248,213		248,213
Defense Logistics Agency	214,251	185,390		185,390
Defense Security Cooperative Agency	10,510	9,572		9,572
Defense Security Service	8,462	9,275		9,275
Defense Technical Information Center	57,133	48,234		48,234
Defense Threat Reduction Agency	503,342	460,982		460,982
Missile Defense Agency	6,210,652	5,938,476	48,750	5,987,226
National Geospatial Intelligence Agency				
National Security Agency				
Office of Secretary of Defense	3,381,638	3,923,205	80,600	4,003,805
U.S., Special Operations Command	554,145	542,684	4,800	547,484
The Joint Staff	77,021	66,555		66,555
Washington Headquarters Services	975	768		768
Total Research, Development, Test & Evaluation	19,006,805	18,766,686	442,104	19,208,790

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<u>Appropriation</u>	<u>FY 2018 Base Request</u>	<u>FY 2018 June Amendment Base</u>	<u>FY 2018 Amendment Emergency</u>	<u>FY 2018 OCO Request</u>	<u>FY 2018 Amendment OCO</u>	<u>FY 2018 Total OCO</u>	<u>FY 2018 Grand Total</u>
Chemical and Biological Defense Program	1,095,642						1,095,642
Defense Advanced Research Projects Agency	3,170,390						3,170,390
Defense Contract Management Agency	12,322						12,322
Defense Human Resources Activity	35,249						35,249
Defense Intelligence Agency							
Defense Information Systems Agency	256,494						256,494
Defense Logistics Agency	319,796						319,796
Defense Security Cooperative Agency	16,619						16,619
Defense Security Service							
Defense Technical Information Center	58,332						58,332
Defense Threat Reduction Agency	469,957						469,957
Missile Defense Agency	6,200,711		597,500				6,798,211
National Geospatial Intelligence Agency							
National Security Agency							
Office of Secretary of Defense	4,041,233		368,100	25,000		25,000	4,434,333
U.S., Special Operations Command	639,325			4,920		4,920	644,245
The Joint Staff	116,141						116,141
Washington Headquarters Services	29,594						29,594
Total Research, Development, Test & Evaluation	20,490,902		1,010,220	226,096		226,096	21,727,218

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
1	0601000BR	DTRA Basic Research	01	38,288	35,436		35,436	U
2	0601101E	Defense Research Sciences	01	317,207	362,297		362,297	U
3	0601110D8Z	Basic Research Initiatives	01	70,311	68,079		68,079	U
4	0601117E	Basic Operational Medical Research Science	01	52,736	51,791		51,791	U
5	0601120D8Z	National Defense Education Program	01	52,837	79,258		79,258	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	34,943	33,572		33,572	U
7	0601384BP	Chemical and Biological Defense Program	01	46,856	44,800		44,800	U
		Basic Research		613,178	675,233		675,233	
8	0602000D8Z	Joint Munitions Technology	02	18,993	17,725		17,725	U
9	0602115E	Biomedical Technology	02	120,512	104,213		104,213	U
10	0602230D8Z	Defense Technology Innovation	02		9,989		9,989	U
11	0602234D8Z	Lincoln Laboratory Research Program	02	53,517	48,216		48,216	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	46,750	42,160		42,160	U
13	0602303E	Information & Communications Technology	02	331,720	353,635		353,635	U
14	0602383E	Biological Warfare Defense	02	24,682	21,250		21,250	U
15	0602384BP	Chemical and Biological Defense Program	02	202,112	193,715		193,715	U
16	0602668D8Z	Cyber Security Research	02	15,378	12,170		12,170	U
17	0602702E	Tactical Technology	02	289,371	299,843		299,843	U
18	0602715E	Materials and Biological Technology	02	193,471	217,456		217,456	U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
1	0601000BR	DTRA Basic Research	01	37,201						37,201	U
2	0601101E	Defense Research Sciences	01	432,347						432,347	U
3	0601110D8Z	Basic Research Initiatives	01	40,612						40,612	U
4	0601117E	Basic Operational Medical Research Science	01	43,126						43,126	U
5	0601120D8Z	National Defense Education Program	01	74,298						74,298	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	25,865						25,865	U
7	0601384BP	Chemical and Biological Defense Program	01	43,898						43,898	U
		Basic Research		697,347						697,347	
8	0602000D8Z	Joint Munitions Technology	02	19,111						19,111	U
9	0602115E	Biomedical Technology	02	109,360						109,360	U
10	0602230D8Z	Defense Technology Innovation	02								U
11	0602234D8Z	Lincoln Laboratory Research Program	02	49,748						49,748	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	49,226						49,226	U
13	0602303E	Information & Communications Technology	02	392,784						392,784	U
14	0602383E	Biological Warfare Defense	02	13,014						13,014	U
15	0602384BP	Chemical and Biological Defense Program	02	201,053						201,053	U
16	0602668D8Z	Cyber Security Research	02	14,775						14,775	U
17	0602702E	Tactical Technology	02	343,776						343,776	U
18	0602715E	Materials and Biological Technology	02	224,440						224,440	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
19	0602716E	Electronics Technology	02	168,233	206,911		206,911	U
20	0602718BR	Counter Weapons of Mass Destruction Applied Research	02	149,302	154,534		154,534	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	7,945	8,411		8,411	U
22	1160401BB	SOF Technology Development	02	37,084	46,220		46,220	U
		Applied Research		1,659,070	1,736,448		1,736,448	
23	0603000D8Z	Joint Munitions Advanced Technology	03	25,452	23,876		23,876	U
24	0603122D8Z	Combating Terrorism Technology Support	03	146,115	115,375		115,375	U
25	0603133D8Z	Foreign Comparative Testing	03	24,406	19,322		19,322	U
26	0603160BR	Counter Weapons of Mass Destruction Advanced Technology Development	03	298,123	266,444		266,444	U
27	0603176C	Advanced Concepts and Performance Assessment	03	11,853	15,015		15,015	U
28	0603177C	Discrimination Sensor Technology	03	27,981				U
29	0603178C	Weapons Technology	03	50,263	49,643		49,643	U
30	0603179C	Advanced C4ISR	03	9,661	3,626		3,626	U
31	0603180C	Advanced Research	03	16,987	23,433	4,300	27,733	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	18,129	17,238		17,238	U
33	0603264S	Agile Transportation for the 21st Century (AT21) - Theater Capability	03	1,508				U
34	0603274C	Special Program - MDA Technology	03	9,650	11,795		11,795	U
35	0603286E	Advanced Aerospace Systems	03	165,764	179,327		179,327	U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
19	0602716E	Electronics Technology	02	295,447						295,447	U
20	0602718BR	Counter Weapons of Mass Destruction Applied Research	02	157,908						157,908	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	8,955						8,955	U
22	1160401BB	SOF Technology Development	02	34,493						34,493	U
		Applied Research		1,914,090						1,914,090	
23	0603000D8Z	Joint Munitions Advanced Technology	03	25,627						25,627	U
24	0603122D8Z	Combating Terrorism Technology Support	03	76,230			25,000		25,000	101,230	U
25	0603133D8Z	Foreign Comparative Testing	03	24,199						24,199	U
26	0603160BR	Counter Weapons of Mass Destruction Advanced Technology Development	03	268,607						268,607	U
27	0603176C	Advanced Concepts and Performance Assessment	03	12,996						12,996	U
28	0603177C	Discrimination Sensor Technology	03								U
29	0603178C	Weapons Technology	03	5,495						5,495	U
30	0603179C	Advanced C4ISR	03								U
31	0603180C	Advanced Research	03	20,184						20,184	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	18,662						18,662	U
33	0603264S	Agile Transportation for the 21st Century (AT21) - Theater Capability	03								U
34	0603274C	Special Program - MDA Technology	03								U
35	0603286E	Advanced Aerospace Systems	03	155,406						155,406	U

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36	0603287E	Space Programs and Technology	03	120,642	160,240		160,240	U
37	0603288D8Z	Analytic Assessments	03	14,145	12,036		12,036	U
38	0603289D8Z	Advanced Innovative Analysis and Concepts	03	48,873	56,957		56,957	U
39	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03					U
40	0603294C	Common Kill Vehicle Technology	03	60,851	56,513		56,513	U
41	0603342D8W	Defense Innovation Unit Experimental (DIUx)	03					U
42	0603375D8Z	Technology Innovation	03	25,000	19,901		19,901	U
43	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	134,070	132,941		132,941	U
44	0603527D8Z	RETRACT LARCH	03	105,243	181,777		181,777	U
45	0603618D8Z	Joint Electronic Advanced Technology	03	28,667	22,006		22,006	U
46	0603648D8Z	Joint Capability Technology Demonstrations	03	130,829	132,039		132,039	U
47	0603662D8Z	Networked Communications Capabilities	03	5,452	9,321		9,321	U
48	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	151,999	183,224		183,224	U
49	0603680S	Manufacturing Technology Program	03		41,239		41,239	U
50	0603699D8Z	Emerging Capabilities Technology Development	03	77,966	55,834		55,834	U
51	0603712S	Generic Logistics R&D Technology Demonstrations	03	15,093	15,011		15,011	U
52	0603713S	Deployment and Distribution Enterprise Technology	03	29,888				U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
36	0603287E	Space Programs and Technology	03	247,435						247,435	U
37	0603288D8Z	Analytic Assessments	03	13,154						13,154	U
38	0603289D8Z	Advanced Innovative Analysis and Concepts	03	37,674						37,674	U
39	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03	15,000						15,000	U
40	0603294C	Common Kill Vehicle Technology	03	252,879						252,879	U
41	0603342D8W	Defense Innovation Unit Experimental (DIUx)	03	29,594						29,594	U
42	0603375D8Z	Technology Innovation	03	59,863		5,000				64,863	U
43	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	145,359						145,359	U
44	0603527D8Z	RETRACT LARCH	03	171,120						171,120	U
45	0603618D8Z	Joint Electronic Advanced Technology	03	14,389						14,389	U
46	0603648D8Z	Joint Capability Technology Demonstrations	03	105,871						105,871	U
47	0603662D8Z	Networked Communications Capabilities	03	12,661						12,661	U
48	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	136,159						136,159	U
49	0603680S	Manufacturing Technology Program	03	40,511						40,511	U
50	0603699D8Z	Emerging Capabilities Technology Development	03	57,876						57,876	U
51	0603712S	Generic Logistics R&D Technology Demonstrations	03	10,611						10,611	U
52	0603713S	Deployment and Distribution Enterprise Technology	03								U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
53	0603716D8Z	Strategic Environmental Research Program	03	54,261	65,006		65,006	U
54	0603720S	Microelectronics Technology Development and Support	03	86,832	89,826		89,826	U
55	0603727D8Z	Joint Warfighting Program	03	4,852	4,843		4,843	U
56	0603739E	Advanced Electronics Technologies	03	78,984	49,807		49,807	U
57	0603760E	Command, Control and Communications Systems	03	201,635	145,706		145,706	U
58	0603766E	Network-Centric Warfare Technology	03	411,060	419,894		419,894	U
59	0603767E	Sensor Technology	03	231,633	241,288		241,288	U
60	0603769D8Z	Distributed Learning Advanced Technology Development	03					U
61	0603769SE	Distributed Learning Advanced Technology Development	03	10,399				U
62	0603781D8Z	Software Engineering Institute	03	13,687	14,248		14,248	U
63	0603826D8Z	Quick Reaction Special Projects	03	69,506	79,854		79,854	U
64	0603833D8Z	Engineering Science & Technology	03	17,904	22,633		22,633	U
65	0603941D8Z	Test & Evaluation Science & Technology	03	89,317	92,034		92,034	U
66	0604055D8Z	Operational Energy Capability Improvement	03	40,387	42,282		42,282	U
67	0303310D8Z	CWMD Systems	03	40,938	21,214		21,214	U
68	1160402BB	SOF Advanced Technology Development	03	56,864	90,620		90,620	U
		Advanced Technology Development		3,162,869	3,183,388	4,300	3,187,688	
69	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	31,149	26,469		26,469	U

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53	0603716D8Z	Strategic Environmental Research Program	03	71,832						71,832	U
54	0603720S	Microelectronics Technology Development and Support	03	219,803						219,803	U
55	0603727D8Z	Joint Warfighting Program	03	6,349						6,349	U
56	0603739E	Advanced Electronics Technologies	03	79,173						79,173	U
57	0603760E	Command, Control and Communications Systems	03	106,787						106,787	U
58	0603766E	Network-Centric Warfare Technology	03	439,386						439,386	U
59	0603767E	Sensor Technology	03	210,123						210,123	U
60	0603769D8Z	Distributed Learning Advanced Technology Development	03	11,211						11,211	U
61	0603769SE	Distributed Learning Advanced Technology Development	03								U
62	0603781D8Z	Software Engineering Institute	03	15,047						15,047	U
63	0603826D8Z	Quick Reaction Special Projects	03	69,203						69,203	U
64	0603833D8Z	Engineering Science & Technology	03	25,395						25,395	U
65	0603941D8Z	Test & Evaluation Science & Technology	03	89,586						89,586	U
66	0604055D8Z	Operational Energy Capability Improvement	03	38,403						38,403	U
67	0303310D8Z	CWMD Systems	03	33,382						33,382	U
68	1160402BB	SOF Advanced Technology Development	03	72,605						72,605	U
		Advanced Technology Development		3,445,847		5,000	25,000		25,000	3,475,847	
69	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	32,937						32,937	U

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70	0603600D8Z	WALKOFF	04	88,031	89,544	8,500	98,044	U
71	0603714D8Z	Advanced Sensors Application Program	04	15,869				U
72	0603821D8Z	Acquisition Enterprise Data & Information Services	04		2,134		2,134	U
73	0603851D8Z	Environmental Security Technical Certification Program	04	51,380	46,440		46,440	U
74	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	197,617	201,834		201,834	U
75	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	1,260,480	967,780		967,780	U
76	0603884BP	Chemical and Biological Defense Program - Dem/Val	04	171,117	138,187		138,187	U
77	0603884C	Ballistic Missile Defense Sensors	04	233,020	221,977	6,400	228,377	U
78	0603890C	BMD Enabling Programs	04	406,326	426,594	7,000	433,594	U
79	0603891C	Special Programs - MDA	04	390,264	304,677		304,677	U
80	0603892C	AEGIS BMD	04	804,211	919,066		919,066	U
81	0603893C	Space Tracking & Surveillance System	04	27,262	32,129		32,129	U
82	0603895C	Ballistic Missile Defense System Space Programs	04	21,040	20,690		20,690	U
83	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	425,996	433,278	16,650	449,928	U
84	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	47,566	47,776		47,776	U
85	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	46,191	54,750		54,750	U
86	0603906C	Regarding Trench	04	8,918	8,785		8,785	U

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70	0603600D8Z	WALKOFF	04	101,714						101,714	U
71	0603714D8Z	Advanced Sensors Application Program	04								U
72	0603821D8Z	Acquisition Enterprise Data & Information Services	04	2,198						2,198	U
73	0603851D8Z	Environmental Security Technical Certification Program	04	54,583						54,583	U
74	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	230,162			62,100			292,262	U
75	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	828,097			129,000			957,097	U
76	0603884BP	Chemical and Biological Defense Program - Dem/Val	04	148,518						148,518	U
77	0603884C	Ballistic Missile Defense Sensors	04	247,345			30,800			278,145	U
78	0603890C	BMD Enabling Programs	04	449,442			16,200			465,642	U
79	0603891C	Special Programs - MDA	04	320,190			45,000			365,190	U
80	0603892C	AEGIS BMD	04	852,052			8,736			860,788	U
81	0603893C	Space Tracking & Surveillance System	04								U
82	0603895C	Ballistic Missile Defense System Space Programs	04								U
83	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	430,115			24,747			454,862	U
84	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	48,954						48,954	U
85	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	53,265						53,265	U
86	0603906C	Regarding Trench	04	9,113						9,113	U

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87	0603907C	Sea Based X-Band Radar (SBX)	04	81,265	85,787	4,500	90,287	U
88	0603913C	Israeli Cooperative Programs	04	267,595	268,735		268,735	U
89	0603914C	Ballistic Missile Defense Test	04	290,267	294,441		294,441	U
90	0603915C	Ballistic Missile Defense Targets	04	517,589	528,455		528,455	U
91	0603920D8Z	Humanitarian Demining	04	9,858	9,996		9,996	U
92	0603923D8Z	Coalition Warfare	04	10,179	10,115		10,115	U
93	0604016D8Z	Department of Defense Corrosion Program	04	7,471	13,878		13,878	U
94	0604115C	Technology Maturation Initiatives	04	24,743	86,392		86,392	U
95	0604132D8Z	Missile Defeat Project	04		44,950	70,500	115,450	U
96	0604181C	Hypersonic Defense	04					U
97	0604250D8Z	Advanced Innovative Technologies	04	459,966	833,954	1,600	835,554	U
98	0604294D8Z	Trusted & Assured Microelectronics	04					U
99	0604331D8Z	Rapid Prototyping Program	04		100,000		100,000	U
100	0604342D8Z	Defense Technology Offset	04	71,500				U
101	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	7,731	7,312		7,312	U
102	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04		3,996		3,996	U
103	0604775D8Z	Defense Rapid Innovation Program	04	250,000	250,000		250,000	U
104	0604826J	Joint C5 Capability Development, Integration and interoperability Assessments	04	21,700	23,630		23,630	U
105	0604873C	Long Range Discrimination Radar (LRDR)	04	132,278	170,112	9,900	180,012	U

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87	0603907C	Sea Based X-Band Radar (SBX)	04	130,695		15,000				145,695	U
88	0603913C	Israeli Cooperative Programs	04	105,354						105,354	U
89	0603914C	Ballistic Missile Defense Test	04	305,791			10,402			316,193	U
90	0603915C	Ballistic Missile Defense Targets	04	410,425			49,700			460,125	U
91	0603920D8Z	Humanitarian Demining	04	10,837						10,837	U
92	0603923D8Z	Coalition Warfare	04	10,740						10,740	U
93	0604016D8Z	Department of Defense Corrosion Program	04	3,837						3,837	U
94	0604115C	Technology Maturation Initiatives	04	128,406						128,406	U
95	0604132D8Z	Missile Defeat Project	04	98,369			26,400			124,769	U
96	0604181C	Hypersonic Defense	04	75,300						75,300	U
97	0604250D8Z	Advanced Innovative Technologies	04	1,175,832			306,700			1,482,532	U
98	0604294D8Z	Trusted & Assured Microelectronics	04	83,626						83,626	U
99	0604331D8Z	Rapid Prototyping Program	04	100,000						100,000	U
100	0604342D8Z	Defense Technology Offset	04								U
101	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	3,967						3,967	U
102	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	3,833						3,833	U
103	0604775D8Z	Defense Rapid Innovation Program	04								U
104	0604826J	Joint C5 Capability Development, Integration and interoperability Assessments	04	23,638						23,638	U
105	0604873C	Long Range Discrimination Radar (LRDR)	04	357,659						357,659	U

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106	0604874C	Improved Homeland Defense Interceptors	04	282,864	219,346		219,346	U
107	0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	20,980	58,444		58,444	U
108	0604878C	Aegis BMD Test	04	78,468	95,012		95,012	U
109	0604879C	Ballistic Missile Defense Sensor Test	04	83,597	88,150		88,150	U
110	0604880C	Land-Based SM-3 (LBSM3)	04	29,288	43,293		43,293	U
111	0604881C	AEGIS SM-3 Block IIA Co-Development	04	165,456	106,038		106,038	U
112	0604887C	Ballistic Missile Defense Midcourse Segment Test	04	54,619	62,781		62,781	U
113	0604894C	Multi-Object Kill Vehicle	04					U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,656	2,633		2,633	U
115	0305103C	Cyber Security Initiative	04	941	969		969	U
116	1206893C	Space Tracking & Surveillance System	04					U
117	1206895C	Ballistic Missile Defense System Space Programs	04					U
		Advanced Component Development And Prototypes		7,097,448	7,350,529	125,050	7,475,579	
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	8,590	10,313		10,313	U
119	0604165D8Z	Prompt Global Strike Capability Development	05	88,660	161,126		161,126	U
120	0604384BP	Chemical and Biological Defense Program - EMD	05	276,560	281,188		281,188	U
121	0604764K	Advanced IT Services Joint Program Office (AITS-JPO)	05	18,750				U

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106	0604874C	Improved Homeland Defense Interceptors	04	465,530		170,900				636,430	U
107	0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	36,239						36,239	U
108	0604878C	Aegis BMD Test	04	134,468		3,315				137,783	U
109	0604879C	Ballistic Missile Defense Sensor Test	04	84,239		17,600				101,839	U
110	0604880C	Land-Based SM-3 (LBSM3)	04	30,486						30,486	U
111	0604881C	AEGIS SM-3 Block IIA Co-Development	04	9,739						9,739	U
112	0604887C	Ballistic Missile Defense Midcourse Segment Test	04	76,757						76,757	U
113	0604894C	Multi-Object Kill Vehicle	04	6,500						6,500	U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,902						2,902	U
115	0305103C	Cyber Security Initiative	04	986						986	U
116	1206893C	Space Tracking & Surveillance System	04	34,907						34,907	U
117	1206895C	Ballistic Missile Defense System Space Programs	04	16,994		14,000				30,994	U
Advanced Component Development And Prototypes				7,736,741		930,600				8,667,341	
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	12,536						12,536	U
119	0604165D8Z	Prompt Global Strike Capability Development	05	201,749						201,749	U
120	0604384BP	Chemical and Biological Defense Program - EMD	05	406,789						406,789	U
121	0604764K	Advanced IT Services Joint Program Office (AITS-JPO)	05								U

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122	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	13,774	16,270		16,270	U
123	0605000BR	Counter Weapons of Mass Destruction Systems Development	05	7,156	4,568		4,568	U
124	0605013BL	Information Technology Development	05	12,042	11,505		11,505	U
125	0605021SE	Homeland Personnel Security Initiative	05		1,658		1,658	U
126	0605022D8Z	Defense Exportability Program	05	3,165	2,917		2,917	U
127	0605027D8Z	OUSD(C) IT Development Initiatives	05	13,457	8,831		8,831	U
128	0605070S	DOD Enterprise Systems Development and Demonstration	05	11,501	3,800		3,800	U
129	0605075D8Z	DCMO Policy and Integration	05	2,217				U
130	0605080S	Defense Agency Initiatives (DAI) - Financial System	05	30,568	26,657		26,657	U
131	0605090S	Defense Retired and Annuitant Pay System (DRAS)	05	9,785	4,949		4,949	U
132	0605140D8Z	Trusted Foundry	05	7,000	68,924		68,924	U
133	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	7,961	8,671		8,671	U
134	0605294D8Z	Trusted & Assured Microelectronics	05					U
135	0303141K	Global Combat Support System	05	13,674	7,600		7,600	U
136	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	4,289	2,700		2,700	U
137	0305310D8Z	CWMD Systems: System Development and Demonstration	05					U
System Development And Demonstration				529,149	621,677		621,677	

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122	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	15,358						15,358	U
123	0605000BR	Counter Weapons of Mass Destruction Systems Development	05	6,241						6,241	U
124	0605013BL	Information Technology Development	05	12,322						12,322	U
125	0605021SE	Homeland Personnel Security Initiative	05	4,893						4,893	U
126	0605022D8Z	Defense Exportability Program	05	3,162						3,162	U
127	0605027D8Z	OUSD(C) IT Development Initiatives	05	21,353						21,353	U
128	0605070S	DOD Enterprise Systems Development and Demonstration	05	6,266						6,266	U
129	0605075D8Z	DCMO Policy and Integration	05	2,810						2,810	U
130	0605080S	Defense Agency Initiatives (DAI) - Financial System	05	24,436						24,436	U
131	0605090S	Defense Retired and Annuitant Pay System (DRAS)	05	13,475						13,475	U
132	0605140D8Z	Trusted Foundry	05								U
133	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	11,870						11,870	U
134	0605294D8Z	Trusted & Assured Microelectronics	05	61,084						61,084	U
135	0303141K	Global Combat Support System	05	2,576						2,576	U
136	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	3,669						3,669	U
137	0305310D8Z	CWMD Systems: System Development and Demonstration	05	8,230						8,230	U
System Development And Demonstration				818,819						818,819	

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138	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	5,571	4,673		4,673	U
139	0604875D8Z	Joint Systems Architecture Development	06	3,007	3,096		3,096	U
140	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	209,014	218,958		218,958	U
141	0604942D8Z	Assessments and Evaluations	06	127,827	28,674		28,674	U
142	0605001E	Mission Support	06		69,244		69,244	U
143	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	39,549	67,006		67,006	U
144	0605104D8Z	Technical Studies, Support and Analysis	06	24,121	21,445		21,445	U
145	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06	34,139	32,744		32,744	U
146	0605128D8Z	Classified Program USD(P)	06	115,000	130,000		130,000	U
147	0605142D8Z	Systems Engineering	06	38,321	32,393		32,393	U
148	0605151D8Z	Studies and Analysis Support - OSD	06	2,696	2,794		2,794	U
149	0605161D8Z	Nuclear Matters-Physical Security	06	5,094	5,296		5,296	U
150	0605170D8Z	Support to Networks and Information Integration	06	5,113	7,238		7,238	U
151	0605200D8Z	General Support to USD (Intelligence)	06	1,686	1,872		1,872	U
152	0605384BP	Chemical and Biological Defense Program	06	100,269	85,754		85,754	U
153	0605502BP	Small Business Innovative Research - Chemical Biological Def	06	19,065				U
154	0605502BR	Small Business Innovation Research	06	10,473				U

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138	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	6,941						6,941	U
139	0604875D8Z	Joint Systems Architecture Development	06	4,851						4,851	U
140	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	211,325						211,325	U
141	0604942D8Z	Assessments and Evaluations	06	30,144						30,144	U
142	0605001E	Mission Support	06	63,769						63,769	U
143	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	91,057						91,057	U
144	0605104D8Z	Technical Studies, Support and Analysis	06	22,386						22,386	U
145	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06	36,581						36,581	U
146	0605128D8Z	Classified Program USD(P)	06								U
147	0605142D8Z	Systems Engineering	06	37,622						37,622	U
148	0605151D8Z	Studies and Analysis Support - OSD	06	5,200						5,200	U
149	0605161D8Z	Nuclear Matters-Physical Security	06	5,232						5,232	U
150	0605170D8Z	Support to Networks and Information Integration	06	12,583						12,583	U
151	0605200D8Z	General Support to USD (Intelligence)	06	31,451		30,000				61,451	U
152	0605384BP	Chemical and Biological Defense Program	06	104,348						104,348	U
153	0605502BP	Small Business Innovative Research - Chemical Biological Def	06								U
154	0605502BR	Small Business Innovation Research	06								U

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155	0605502C	Small Business Innovation Research - MDA	06	88,694				U
156	0605502D8Z	Small Business Innovative Research	06	62,824				U
157	0605502E	Small Business Innovative Research	06	89,060				U
158	0605502K	Small Business Innovative Research	06	4,364				U
159	0605502S	Small Business Innovative Research	06	5,524				U
160	0605502T	Small Business Innovative Research	06	363				U
161	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,166	2,185		2,185	U
162	0605798D8Z	Defense Technology Analysis	06	15,538	25,622		25,622	U
163	0605801KA	Defense Technical Information Center (DTIC)	06	57,133	43,834		43,834	U
164	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	8,296	15,230		15,230	U
165	0605804D8Z	Development Test and Evaluation	06	20,749	21,517		21,517	U
166	0605898E	Management HQ - R&D	06	71,571	4,759		4,759	U
167	0605998KA	Management HQ - Defense Technical Information Center (DTIC)	06		4,400		4,400	U
168	0606100D8Z	Budget and Program Assessments	06	3,973	4,010		4,010	U
169	0606225D8Z	ODNA Technology and Resource Analysis	06	3,500				U
170	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	1,888	2,070		2,070	U
171	0204571J	Joint Staff Analytical Support	06	5,983	5,462		5,462	U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
155	0605502C	Small Business Innovation Research - MDA	06								U
156	0605502D8Z	Small Business Innovative Research	06								U
157	0605502E	Small Business Innovative Research	06								U
158	0605502K	Small Business Innovative Research	06								U
159	0605502S	Small Business Innovative Research	06								U
160	0605502T	Small Business Innovative Research	06								U
161	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,372						2,372	U
162	0605798D8Z	Defense Technology Analysis	06	24,365						24,365	U
163	0605801KA	Defense Technical Information Center (DTIC)	06	54,145						54,145	U
164	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	30,356						30,356	U
165	0605804D8Z	Development Test and Evaluation	06	20,571						20,571	U
166	0605898E	Management HQ - R&D	06	14,017						14,017	U
167	0605998KA	Management HQ - Defense Technical Information Center (DTIC)	06	4,187						4,187	U
168	0606100D8Z	Budget and Program Assessments	06	3,992						3,992	U
169	0606225D8Z	ODNA Technology and Resource Analysis	06	1,000						1,000	U
170	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	2,551						2,551	U
171	0204571J	Joint Staff Analytical Support	06	7,712						7,712	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se c
174	0303166J	Support to Information Operations (IO) Capabilities	06	10,404	857		857	U
175	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	942	916		916	U
176	0303267K	Auctioned Spectrum Relocation Fund	06	4,364				U
177	0305172K	Combined Advanced Applications	06		15,336		15,336	U
178	0305193D8Z	Cyber Intelligence	06	6,567	10,511		10,511	U
180	0305245D8Z	Intelligence Capabilities and Innovation Investments	06					U
181	0306310D8Z	CWMD Systems: RDT&E Management Support	06					U
182	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06	41,735	29,951		29,951	U
183	0804767J	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06					U
184	0901598C	Management HQ - MDA	06	35,871	31,160		31,160	U
185	0903230D8W	WHS - Mission Operations Support - IT	06	975				U
186	0903235D8W	Joint Service Provider (JSP)	06		768		768	U
187	0903235K	Joint Service Provider (JSP)	06					U
9999	9999999999	Classified Programs		49,500	56,799	1,600	58,399	U
		Management Support		1,332,929	986,574		988,174	
188	0604130V	Enterprise Security System (ESS)	07	5,929	4,241		4,241	U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
174	0303166J	Support to Information Operations (IO) Capabilities	06	673						673	U
175	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	1,006						1,006	U
176	0303267K	Auctioned Spectrum Relocation Fund	06								U
177	0305172K	Combined Advanced Applications	06	16,998						16,998	U
178	0305193D8Z	Cyber Intelligence	06								U
180	0305245D8Z	Intelligence Capabilities and Innovation Investments	06	18,992						18,992	U
181	0306310D8Z	CWMD Systems: RDT&E Management Support	06	1,231						1,231	U
182	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06								U
183	0804767J	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06	44,500						44,500	U
184	0901598C	Management HQ - MDA	06	29,947						29,947	U
185	0903230D8W	WHS - Mission Operations Support - IT	06								U
186	0903235D8W	Joint Service Provider (JSP)	06								U
187	0903235K	Joint Service Provider (JSP)	06	5,113						5,113	U
9999	9999999999	Classified Programs		63,312						63,312	U
		Management Support		1,010,530		30,000				1,040,530	
188	0604130V	Enterprise Security System (ESS)	07	4,565						4,565	U

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
189	0605127T	Regional International Outreach (RIO) and Partnership for Peace Information Mana	07	2,116	1,424		1,424	U
190	0605147T	Overseas Humanitarian Assistance Shared Information System (OHASIS)	07	306	287		287	U
191	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	21,792	16,177		16,177	U
192	0607310D8Z	CWMD Systems: Operational Systems Development	07	1,832	4,189		4,189	U
193	0607327T	Global Theater Security Cooperation Management Information Systems (G-TSCMIS)	07	7,725	7,861		7,861	U
194	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	28,278	33,361		33,361	U
195	0208043J	Planning and Decision Aid System (PDAS)	07	1,842	3,036		3,036	U
196	0208045K	C4I Interoperability	07	63,341	57,501		57,501	U
198	0301144K	Joint/Allied Coalition Information Sharing	07	1,735	5,464		5,464	U
202	0302016K	National Military Command System-Wide Support	07	938	575		575	U
203	0302019K	Defense Info Infrastructure Engineering and Integration	07	9,729	17,952		17,952	U
204	0303126K	Long-Haul Communications - DCS	07	36,884	13,931		13,931	U
205	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	13,384	12,206		12,206	U
206	0303135G	Public Key Infrastructure (PKI)	07	6,101	34,314		34,314	U
207	0303136G	Key Management Infrastructure (KMI)	07	43,867	36,602		36,602	U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
189	0605127T	Regional International Outreach (RIO) and Partnership for Peace Information Mana	07	1,871						1,871	U
190	0605147T	Overseas Humanitarian Assistance Shared Information System (OHASIS)	07	298						298	U
191	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	10,882						10,882	U
192	0607310D8Z	CWMD Systems: Operational Systems Development	07	7,222						7,222	U
193	0607327T	Global Theater Security Cooperation Management Information Systems (G-TSCMIS)	07	14,450						14,450	U
194	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	45,677						45,677	U
195	0208043J	Planning and Decision Aid System (PDAS)	07	3,037						3,037	U
196	0208045K	C4I Interoperability	07	59,490						59,490	U
198	0301144K	Joint/Allied Coalition Information Sharing	07	6,104						6,104	U
202	0302016K	National Military Command System-Wide Support	07	1,863						1,863	U
203	0302019K	Defense Info Infrastructure Engineering and Integration	07	21,564						21,564	U
204	0303126K	Long-Haul Communications - DCS	07	15,428						15,428	U
205	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	15,855						15,855	U
206	0303135G	Public Key Infrastructure (PKI)	07	4,811						4,811	U
207	0303136G	Key Management Infrastructure (KMI)	07	33,746						33,746	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
208	0303140D8Z	Information Systems Security Program	07	8,649	8,866		8,866	U
209	0303140G	Information Systems Security Program	07	161,890	161,068		161,068	U
210	0303150K	Global Command and Control System	07	19,395	21,438		21,438	U
211	0303153K	Defense Spectrum Organization	07	19,307	13,181		13,181	U
212	0303167K	Pre-Auction Spectrum Relocation Fund	07	100				U
213	0303170K	Net-Centric Enterprise Services (NCES)	07	426				U
214	0303228K	Joint Information Environment (JIE)	07		2,789		2,789	U
215	0303267K	Auctioned Spectrum Relocation Fund	07	38,137				U
216	0303430K	Federal Investigative Services Information Technology	07		75,000		75,000	U
217	0303610K	Teleport Program	07	1,665	657		657	U
218	0304210BB	Special Applications for Contingencies	07	65,420				U
222	0305103K	Cyber Security Initiative	07	2,881	1,553		1,553	U
227	0305186D8Z	Policy R&D Programs	07	4,131	3,200		3,200	U
228	0305199D8Z	Net Centricity	07	17,532	17,951		17,951	U
230	0305208BB	Distributed Common Ground/Surface Systems	07	5,302	5,415		5,415	U
233	0305208K	Distributed Common Ground/Surface Systems	07	3,239	3,030		3,030	U
236	0305327V	Insider Threat	07	2,533	5,034		5,034	U
237	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,116	7,037		7,037	U
243	0307577D8Z	Intelligence Mission Data (IMD)	07		13,785		13,785	U

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
208	0303140D8Z	Information Systems Security Program	07	9,415						9,415	U
209	0303140G	Information Systems Security Program	07	227,652						227,652	U
210	0303150K	Global Command and Control System	07	42,687						42,687	U
211	0303153K	Defense Spectrum Organization	07	8,750						8,750	U
212	0303167K	Pre-Auction Spectrum Relocation Fund	07								U
213	0303170K	Net-Centric Enterprise Services (NCES)	07								U
214	0303228K	Joint Information Environment (JIE)	07	4,689						4,689	U
215	0303267K	Auctioned Spectrum Relocation Fund	07								U
216	0303430K	Federal Investigative Services Information Technology	07	50,000						50,000	U
217	0303610K	Teleport Program	07								U
218	0304210BB	Special Applications for Contingencies	07								U
222	0305103K	Cyber Security Initiative	07	1,686						1,686	U
227	0305186D8Z	Policy R&D Programs	07	6,526						6,526	U
228	0305199D8Z	Net Centricity	07	18,455						18,455	U
230	0305208BB	Distributed Common Ground/Surface Systems	07	5,496						5,496	U
233	0305208K	Distributed Common Ground/Surface Systems	07	3,049						3,049	U
236	0305327V	Insider Threat	07	5,365						5,365	U
237	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,071						2,071	U
243	0307577D8Z	Intelligence Mission Data (IMD)	07	13,111						13,111	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
244	0708011S	Industrial Preparedness	07	21,843				U
245	0708012S	Pacific Disaster Centers	07	1,709	1,754		1,754	U
246	0708047S	Defense Property Accountability System	07		2,154		2,154	U
247	0902298J	Management HQ - OJCS	07	2,953	826		826	U
248	1105219BB	MQ-9 UAV	07	21,388	17,804		17,804	U
249	1105232BB	RQ-11 UAV	07	758				U
250	1160279BB	Small Business Innovative Research/ Small Bus Tech Transfer Pilot Prog	07	15,897				U
251	1160403BB	Aviation Systems	07	172,965	158,253	4,400	162,653	U
252	1160405BB	Intelligence Systems Development	07	6,466	5,958		5,958	U
253	1160408BB	Operational Enhancements	07	61,463	54,895		54,895	U
254	1160431BB	Warrior Systems	07	32,677	65,885	400	66,285	U
255	1160432BB	Special Programs	07	3,284	1,949		1,949	U
256	1160434BB	Unmanned ISR	07		22,117		22,117	U
257	1160480BB	SOF Tactical Vehicles	07	2,477	3,316		3,316	U
258	1160483BB	Maritime Systems	07	57,544	54,577		54,577	U
259	1160489BB	Global Video Surveillance Activities	07	3,933	3,841		3,841	U
260	1160490BB	Operational Enhancements Intelligence	07	10,623	11,834		11,834	U
261	1203610K	Teleport Program	07					U
9999	9999999999	Classified Programs		3,597,660	3,218,549	306,354	3,524,903	U
		Operational System Development		4,612,162	4,212,837	311,154	4,523,991	

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
244	0708011S	Industrial Preparedness	07								U
245	0708012S	Pacific Disaster Centers	07	1,770						1,770	U
246	0708047S	Defense Property Accountability System	07	2,924						2,924	U
247	0902298J	Management HQ - OJCS	07								U
248	1105219BB	MQ-9 UAV	07	37,863						37,863	U
249	1105232BB	RQ-11 UAV	07								U
250	1160279BB	Small Business Innovative Research/ Small Bus Tech Transfer Pilot Prog	07								U
251	1160403BB	Aviation Systems	07	259,886						259,886	U
252	1160405BB	Intelligence Systems Development	07	8,245						8,245	U
253	1160408BB	Operational Enhancements	07	79,455			1,920		1,920	81,375	U
254	1160431BB	Warrior Systems	07	45,935						45,935	U
255	1160432BB	Special Programs	07	1,978						1,978	U
256	1160434BB	Unmanned ISR	07	31,766			3,000		3,000	34,766	U
257	1160480BB	SOF Tactical Vehicles	07	2,578						2,578	U
258	1160483BB	Maritime Systems	07	42,315						42,315	U
259	1160489BB	Global Video Surveillance Activities	07	4,661						4,661	U
260	1160490BB	Operational Enhancements Intelligence	07	12,049						12,049	U
261	1203610K	Teleport Program	07	642						642	U
9999	9999999999	Classified Programs		3,689,646		44,620	196,176		196,176	3,930,442	U
		Operational System Development		4,867,528			201,096		201,096	5,113,244	

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line	Program Element	Item	FY 2016 Act	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
<u>No</u>	<u>Number</u>	<u>Item</u>	<u>Act</u>	<u>Enactment</u>	<u>Enactment</u>	<u>(Base + OCO)</u>	<u>c</u>
Total Research, Development, Test & Eval, DW			19,006,805	18,766,686	442,104	19,208,790	

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line	Program Element <u>No</u> <u>Number</u>	<u>Item</u>	<u>Act</u>	FY 2018 Base <u>Request</u>	FY 2018 June Amendment <u>Base</u>	FY 2018 Amendment <u>Emergency</u>	FY 2018 OCO <u>Request</u>	FY 2018 Amendment <u>OCO</u>	FY 2018 Total <u>OCO</u>	FY 2018 <u>Grand Total</u>	S e c
				-----	-----	-----	-----	-----	-----	-----	
		Total Research, Development, Test & Eval, DW		20,490,902		1,010,220	226,096		226,096	21,727,218	

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	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)
<u>Summary Recap of Budget Activities</u>				
Management Support	187,483	185,929	2,725	188,654
Total Research, Development, Test & Evaluation	187,483	185,929	2,725	188,654
<u>Summary Recap of FYDP Programs</u>				
Research and Development	187,483	185,929	2,725	188,654
Total Research, Development, Test & Evaluation	187,483	185,929	2,725	188,654

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<u>Summary Recap of Budget Activities</u>	FY 2018 Base <u>Request</u>	FY 2018 June Amendment <u>Base</u>	FY 2018 Amendment <u>Emergency</u>	FY 2018 OCO <u>Request</u>	FY 2018 Amendment <u>OCO</u>	FY 2018 Total <u>OCO</u>	FY 2018 <u>Grand Total</u>
Management Support	210,900						210,900
Total Research, Development, Test & Evaluation	210,900						210,900
 <u>Summary Recap of FYDP Programs</u>							
Research and Development	210,900						210,900
Total Research, Development, Test & Evaluation	210,900						210,900

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Appropriation: 0460D Operational Test & Eval, Defense

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
1	06051180TE	Operational Test and Evaluation	06	76,838	78,047	2,725	80,772	U
2	06051310TE	Live Fire Test and Evaluation	06	46,882	48,316		48,316	U
3	06058140TE	Operational Test Activities and Analyses	06	63,763	59,566		59,566	U
		Management Support		187,483	185,929	2,725	188,654	
Total Operational Test & Eval, Defense				187,483	185,929	2,725	188,654	

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Appropriation: 0460D Operational Test & Eval, Defense

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
1	06051180TE	Operational Test and Evaluation	06	83,503						83,503	U
2	06051310TE	Live Fire Test and Evaluation	06	59,500						59,500	U
3	06058140TE	Operational Test Activities and Analyses	06	67,897						67,897	U
		Management Support		210,900						210,900	
Total Operational Test & Eval, Defense				210,900						210,900	

Chemical and Biological Defense Program
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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
7	0601384BP	Chemical and Biological Defense Program	01	46,856	44,800		44,800	U
		Basic Research		46,856	44,800		44,800	
15	0602384BP	Chemical and Biological Defense Program	02	202,112	193,715		193,715	U
		Applied Research		202,112	193,715		193,715	
43	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	134,070	132,941		132,941	U
		Advanced Technology Development		134,070	132,941		132,941	
76	0603884BP	Chemical and Biological Defense Program - Dem/Val	04	171,117	138,187		138,187	U
		Advanced Component Development And Prototypes		171,117	138,187		138,187	
120	0604384BP	Chemical and Biological Defense Program - EMD	05	276,560	281,188		281,188	U
		System Development And Demonstration		276,560	281,188		281,188	
152	0605384BP	Chemical and Biological Defense Program	06	100,269	85,754		85,754	U
153	0605502BP	Small Business Innovative Research - Chemical Biological Def	06	19,065				U
		Management Support		119,334	85,754		85,754	
194	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	28,278	33,361		33,361	U
		Operational System Development		28,278	33,361		33,361	
Total Chemical and Biological Defense Program				978,327	909,946		909,946	

Chemical and Biological Defense Program
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 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
7	0601384BP	Chemical and Biological Defense Program	01	43,898						43,898	U
		Basic Research		43,898						43,898	
15	0602384BP	Chemical and Biological Defense Program	02	201,053						201,053	U
		Applied Research		201,053						201,053	
43	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	145,359						145,359	U
		Advanced Technology Development		145,359						145,359	
76	0603884BP	Chemical and Biological Defense Program - Dem/Val	04	148,518						148,518	U
		Advanced Component Development And Prototypes		148,518						148,518	
120	0604384BP	Chemical and Biological Defense Program - EMD	05	406,789						406,789	U
		System Development And Demonstration		406,789						406,789	
152	0605384BP	Chemical and Biological Defense Program	06	104,348						104,348	U
153	0605502BP	Small Business Innovative Research - Chemical Biological Def	06								U
		Management Support		104,348						104,348	
194	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	45,677						45,677	U
		Operational System Development		45,677						45,677	
Total Chemical and Biological Defense Program				1,095,642						1,095,642	

Defense Advanced Research Projects Agency
 FY 2018 President's Budget Amendment
 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
2	0601101E	Defense Research Sciences	01	317,207	362,297		362,297	U
4	0601117E	Basic Operational Medical Research Science	01	52,736	51,791		51,791	U
Basic Research				369,943	414,088		414,088	
9	0602115E	Biomedical Technology	02	120,512	104,213		104,213	U
13	0602303E	Information & Communications Technology	02	331,720	353,635		353,635	U
14	0602383E	Biological Warfare Defense	02	24,682	21,250		21,250	U
17	0602702E	Tactical Technology	02	289,371	299,843		299,843	U
18	0602715E	Materials and Biological Technology	02	193,471	217,456		217,456	U
19	0602716E	Electronics Technology	02	168,233	206,911		206,911	U
Applied Research				1,127,989	1,203,308		1,203,308	
35	0603286E	Advanced Aerospace Systems	03	165,764	179,327		179,327	U
36	0603287E	Space Programs and Technology	03	120,642	160,240		160,240	U
56	0603739E	Advanced Electronics Technologies	03	78,984	49,807		49,807	U
57	0603760E	Command, Control and Communications Systems	03	201,635	145,706		145,706	U
58	0603766E	Network-Centric Warfare Technology	03	411,060	419,894		419,894	U
59	0603767E	Sensor Technology	03	231,633	241,288		241,288	U
Advanced Technology Development				1,209,718	1,196,262		1,196,262	
142	0605001E	Mission Support	06		69,244		69,244	U
157	0605502E	Small Business Innovative Research	06	89,060				U
166	0605898E	Management HQ - R&D	06	71,571	4,759		4,759	U

Defense Advanced Research Projects Agency
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 Total Obligational Authority
 (Dollars in Thousands)

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
2	0601101E	Defense Research Sciences	01	432,347						432,347	U
4	0601117E	Basic Operational Medical Research Science	01	43,126						43,126	U
Basic Research				475,473						475,473	
9	0602115E	Biomedical Technology	02	109,360						109,360	U
13	0602303E	Information & Communications Technology	02	392,784						392,784	U
14	0602383E	Biological Warfare Defense	02	13,014						13,014	U
17	0602702E	Tactical Technology	02	343,776						343,776	U
18	0602715E	Materials and Biological Technology	02	224,440						224,440	U
19	0602716E	Electronics Technology	02	295,447						295,447	U
Applied Research				1,378,821						1,378,821	
35	0603286E	Advanced Aerospace Systems	03	155,406						155,406	U
36	0603287E	Space Programs and Technology	03	247,435						247,435	U
56	0603739E	Advanced Electronics Technologies	03	79,173						79,173	U
57	0603760E	Command, Control and Communications Systems	03	106,787						106,787	U
58	0603766E	Network-Centric Warfare Technology	03	439,386						439,386	U
59	0603767E	Sensor Technology	03	210,123						210,123	U
Advanced Technology Development				1,238,310						1,238,310	
142	0605001E	Mission Support	06	63,769						63,769	U
157	0605502E	Small Business Innovative Research	06								U
166	0605898E	Management HQ - R&D	06	14,017						14,017	U

Defense Advanced Research Projects Agency
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 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line	Program Element No	Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
			Management Support		160,631	74,003		74,003	
					-----	-----	-----	-----	
			Total Defense Advanced Research Projects Agency		2,868,281	2,887,661		2,887,661	

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Defense Advanced Research Projects Agency
 FY 2018 President's Budget Amendment
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 Total Obligational Authority
 (Dollars in Thousands)

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line	Program Element No	Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se e c
			Management Support		77,786						77,786	
			Total Defense Advanced Research Projects Agency		3,170,390						3,170,390	

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Defense Contract Management Agency
 FY 2018 President's Budget Amendment
 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line	Program Element No	Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
124	0605013BL		Information Technology Development	05	12,042	11,505		11,505	U
			System Development And Demonstration		12,042	11,505		11,505	
Total Defense Contract Management Agency					12,042	11,505		11,505	

Defense Contract Management Agency
 FY 2018 President's Budget Amendment
 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line	Program Element No	Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	S e c
124	0605013BL		Information Technology Development	05	12,322	-----	-----	-----	-----	-----	12,322	U
			System Development And Demonstration		12,322	-----	-----	-----	-----	-----	12,322	
					-----	-----	-----	-----	-----	-----	-----	
			Total Defense Contract Management Agency		12,322	-----	-----	-----	-----	-----	12,322	

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Defense Human Resources Activity
 FY 2018 President's Budget Amendment
 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
61	0603769SE	Distributed Learning Advanced Technology Development	03	10,399				U
		Advanced Technology Development		10,399				
125	0605021SE	Homeland Personnel Security Initiative	05		1,658		1,658	U
		System Development And Demonstration			1,658		1,658	
164	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	8,296	15,230		15,230	U
		Management Support		8,296	15,230		15,230	
Total Defense Human Resources Activity				18,695	16,888		16,888	

Defense Human Resources Activity
 FY 2018 President's Budget Amendment
 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
61	0603769SE	Distributed Learning Advanced Technology Development	03								U
Advanced Technology Development											
125	0605021SE	Homeland Personnel Security Initiative	05	4,893						4,893	U
System Development And Demonstration					4,893					4,893	
164	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	30,356						30,356	U
Management Support					30,356					30,356	
Total Defense Human Resources Activity					35,249					35,249	

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Defense Information Systems Agency
 FY 2018 President's Budget Amendment
 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
121	0604764K	Advanced IT Services Joint Program Office (AITS-JPO)	05	18,750				U
135	0303141K	Global Combat Support System	05	13,674	7,600		7,600	U
System Development And Demonstration				32,424	7,600		7,600	
158	0605502K	Small Business Innovative Research	06	4,364				U
176	0303267K	Auctioned Spectrum Relocation Fund	06	4,364				U
177	0305172K	Combined Advanced Applications	06		15,336		15,336	U
187	0903235K	Joint Service Provider (JSP)	06					U
Management Support				8,728	15,336		15,336	
196	0208045K	C4I Interoperability	07	63,341	57,501		57,501	U
198	0301144K	Joint/Allied Coalition Information Sharing	07	1,735	5,464		5,464	U
202	0302016K	National Military Command System-Wide Support	07	938	575		575	U
203	0302019K	Defense Info Infrastructure Engineering and Integration	07	9,729	17,952		17,952	U
204	0303126K	Long-Haul Communications - DCS	07	36,884	13,931		13,931	U
205	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	13,384	12,206		12,206	U
210	0303150K	Global Command and Control System	07	19,395	21,438		21,438	U
211	0303153K	Defense Spectrum Organization	07	19,307	13,181		13,181	U
212	0303167K	Pre-Auction Spectrum Relocation Fund	07	100				U
213	0303170K	Net-Centric Enterprise Services (NCES)	07	426				U
214	0303228K	Joint Information Environment (JIE)	07		2,789		2,789	U

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Defense Information Systems Agency
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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
121	0604764K	Advanced IT Services Joint Program Office (AITS-JPO)	05								U
135	0303141K	Global Combat Support System	05	2,576						2,576	U
		System Development And Demonstration		2,576						2,576	
158	0605502K	Small Business Innovative Research	06								U
176	0303267K	Auctioned Spectrum Relocation Fund	06								U
177	0305172K	Combined Advanced Applications	06	16,998						16,998	U
187	0903235K	Joint Service Provider (JSP)	06	5,113						5,113	U
		Management Support		22,111						22,111	
196	0208045K	C4I Interoperability	07	59,490						59,490	U
198	0301144K	Joint/Allied Coalition Information Sharing	07	6,104						6,104	U
202	0302016K	National Military Command System-Wide Support	07	1,863						1,863	U
203	0302019K	Defense Info Infrastructure Engineering and Integration	07	21,564						21,564	U
204	0303126K	Long-Haul Communications - DCS	07	15,428						15,428	U
205	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	15,855						15,855	U
210	0303150K	Global Command and Control System	07	42,687						42,687	U
211	0303153K	Defense Spectrum Organization	07	8,750						8,750	U
212	0303167K	Pre-Auction Spectrum Relocation Fund	07								U
213	0303170K	Net-Centric Enterprise Services (NCES)	07								U
214	0303228K	Joint Information Environment (JIE)	07	4,689						4,689	U

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Defense Information Systems Agency
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 Total Obligational Authority
 (Dollars in Thousands)

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
215	0303267K	Auctioned Spectrum Relocation Fund	07	38,137				U
216	0303430K	Federal Investigative Services Information Technology	07		75,000		75,000	U
217	0303610K	Teleport Program	07	1,665	657		657	U
222	0305103K	Cyber Security Initiative	07	2,881	1,553		1,553	U
233	0305208K	Distributed Common Ground/Surface Systems	07	3,239	3,030		3,030	U
261	1203610K	Teleport Program	07					U
	Operational System Development			211,161	225,277		225,277	
Total Defense Information Systems Agency				252,313	248,213		248,213	

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Defense Information Systems Agency
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 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
215	0303267K	Auctioned Spectrum Relocation Fund	07								U
216	0303430K	Federal Investigative Services Information Technology	07	50,000						50,000	U
217	0303610K	Teleport Program	07								U
222	0305103K	Cyber Security Initiative	07	1,686						1,686	U
233	0305208K	Distributed Common Ground/Surface Systems	07	3,049						3,049	U
261	1203610K	Teleport Program	07	642						642	U
	Operational System Development			231,807	-----	-----	-----	-----	-----	231,807	
Total Defense Information Systems Agency				256,494	-----	-----	-----	-----	-----	256,494	

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Defense Logistics Agency
 FY 2018 President's Budget Amendment
 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	See
33	0603264S	Agile Transportation for the 21st Century (AT21) - Theater Capability	03	1,508				U
49	0603680S	Manufacturing Technology Program	03		41,239		41,239	U
51	0603712S	Generic Logistics R&D Technology Demonstrations	03	15,093	15,011		15,011	U
52	0603713S	Deployment and Distribution Enterprise Technology	03	29,888				U
54	0603720S	Microelectronics Technology Development and Support	03	86,832	89,826		89,826	U
Advanced Technology Development				133,321	146,076		146,076	
128	0605070S	DOD Enterprise Systems Development and Demonstration	05	11,501	3,800		3,800	U
130	0605080S	Defense Agency Initiatives (DAI) - Financial System	05	30,568	26,657		26,657	U
131	0605090S	Defense Retired and Annuitant Pay System (DRAS)	05	9,785	4,949		4,949	U
System Development And Demonstration				51,854	35,406		35,406	
159	0605502S	Small Business Innovative Research	06	5,524				U
Management Support				5,524				
244	0708011S	Industrial Preparedness	07	21,843				U
245	0708012S	Pacific Disaster Centers	07	1,709	1,754		1,754	U
246	0708047S	Defense Property Accountability System	07		2,154		2,154	U
Operational System Development				23,552	3,908		3,908	
Total Defense Logistics Agency				214,251	185,390		185,390	

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Defense Logistics Agency
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 Total Obligational Authority
 (Dollars in Thousands)

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
33	0603264S	Agile Transportation for the 21st Century (AT21) - Theater Capability	03								U
49	0603680S	Manufacturing Technology Program	03	40,511						40,511	U
51	0603712S	Generic Logistics R&D Technology Demonstrations	03	10,611						10,611	U
52	0603713S	Deployment and Distribution Enterprise Technology	03								U
54	0603720S	Microelectronics Technology Development and Support	03	219,803						219,803	U
Advanced Technology Development				270,925						270,925	
128	0605070S	DOD Enterprise Systems Development and Demonstration	05	6,266						6,266	U
130	0605080S	Defense Agency Initiatives (DAI) - Financial System	05	24,436						24,436	U
131	0605090S	Defense Retired and Annuitant Pay System (DRAS)	05	13,475						13,475	U
System Development And Demonstration				44,177						44,177	
159	0605502S	Small Business Innovative Research	06								U
Management Support											
244	0708011S	Industrial Preparedness	07								U
245	0708012S	Pacific Disaster Centers	07	1,770						1,770	U
246	0708047S	Defense Property Accountability System	07	2,924						2,924	U
Operational System Development				4,694						4,694	
Total Defense Logistics Agency				319,796						319,796	

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Defense Security Cooperative Agency
 FY 2018 President's Budget Amendment
 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
160	0605502T	Small Business Innovative Research	06	363				U
		Management Support		363				
189	0605127T	Regional International Outreach (RIO) and Partnership for Peace Information Mana	07	2,116	1,424		1,424	U
190	0605147T	Overseas Humanitarian Assistance Shared Information System (OHASIS)	07	306	287		287	U
193	0607327T	Global Theater Security Cooperation Management Information Systems (G-TSCMIS)	07	7,725	7,861		7,861	U
		Operational System Development		10,147	9,572		9,572	
Total Defense Security Cooperative Agency				10,510	9,572		9,572	

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Defense Security Cooperative Agency
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 (Dollars in Thousands)

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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
160	0605502T	Small Business Innovative Research	06								U
		Management Support									
189	0605127T	Regional International Outreach (RIO) and Partnership for Peace Information Mana	07	1,871						1,871	U
190	0605147T	Overseas Humanitarian Assistance Shared Information System (OHASIS)	07	298						298	U
193	0607327T	Global Theater Security Cooperation Management Information Systems (G-TSCMIS)	07	14,450						14,450	U
		Operational System Development		16,619						16,619	
		Total Defense Security Cooperative Agency		16,619						16,619	

Defense Security Service
 FY 2018 President's Budget Amendment
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 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
188	0604130V	Enterprise Security System (ESS)	07	5,929	4,241		4,241	U
236	0305327V	Insider Threat	07	2,533	5,034		5,034	U
		Operational System Development		8,462	9,275		9,275	
Total Defense Security Service				8,462	9,275		9,275	

Defense Security Service
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Line No	Element Number	Program Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
188	0604130V	Enterprise Security System (ESS)	07	4,565						4,565	U
236	0305327V	Insider Threat	07	5,365						5,365	U
		Operational System Development		9,930						9,930	
Total Defense Security Service				9,930						9,930	

Defense Technical Information Center
 FY 2018 President's Budget Amendment
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 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
163	0605801KA	Defense Technical Information Center (DTIC)	06	57,133	43,834		43,834	U
167	0605998KA	Management HQ - Defense Technical Information Center (DTIC)	06		4,400		4,400	U
		Management Support		57,133	48,234		48,234	
Total Defense Technical Information Center				57,133	48,234		48,234	

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Defense Technical Information Center
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 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
163	0605801KA	Defense Technical Information Center (DTIC)	06	54,145						54,145	U
167	0605998KA	Management HQ - Defense Technical Information Center (DTIC)	06	4,187						4,187	U
		Management Support		58,332	-----	-----	-----	-----	-----	58,332	
		Total Defense Technical Information Center		58,332	-----	-----	-----	-----	-----	58,332	

Defense Threat Reduction Agency
 FY 2018 President's Budget Amendment
 Exhibit R-1 FY 2018 President's Budget Amendment
 Total Obligational Authority
 (Dollars in Thousands)

Nov 2017

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se c
1	0601000BR	DTRA Basic Research	01	38,288	35,436		35,436	U
	Basic Research			38,288	35,436		35,436	
20	0602718BR	Counter Weapons of Mass Destruction Applied Research	02	149,302	154,534		154,534	U
	Applied Research			149,302	154,534		154,534	
26	0603160BR	Counter Weapons of Mass Destruction Advanced Technology Development	03	298,123	266,444		266,444	U
	Advanced Technology Development			298,123	266,444		266,444	
123	0605000BR	Counter Weapons of Mass Destruction Systems Development	05	7,156	4,568		4,568	U
	System Development And Demonstration			7,156	4,568		4,568	
154	0605502BR	Small Business Innovation Research	06	10,473				U
	Management Support			10,473				
Total Defense Threat Reduction Agency				503,342	460,982		460,982	

Defense Threat Reduction Agency
 FY 2018 President's Budget Amendment
 Exhibit R-1 FY 2018 President's Budget Amendment
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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
1	0601000BR	DTRA Basic Research	01	37,201						37,201	U
	Basic Research			37,201						37,201	
20	0602718BR	Counter Weapons of Mass Destruction Applied Research	02	157,908						157,908	U
	Applied Research			157,908						157,908	
26	0603160BR	Counter Weapons of Mass Destruction Advanced Technology Development	03	268,607						268,607	U
	Advanced Technology Development			268,607						268,607	
123	0605000BR	Counter Weapons of Mass Destruction Systems Development	05	6,241						6,241	U
	System Development And Demonstration			6,241						6,241	
154	0605502BR	Small Business Innovation Research	06								U
	Management Support										
Total Defense Threat Reduction Agency				469,957						469,957	

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27	0603176C	Advanced Concepts and Performance Assessment	03	11,853	15,015		15,015	U
28	0603177C	Discrimination Sensor Technology	03	27,981				U
29	0603178C	Weapons Technology	03	50,263	49,643		49,643	U
30	0603179C	Advanced C4ISR	03	9,661	3,626		3,626	U
31	0603180C	Advanced Research	03	16,987	23,433	4,300	27,733	U
34	0603274C	Special Program - MDA Technology	03	9,650	11,795		11,795	U
40	0603294C	Common Kill Vehicle Technology	03	60,851	56,513		56,513	U
Advanced Technology Development				187,246	160,025	4,300	164,325	
74	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	197,617	201,834		201,834	U
75	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	1,260,480	967,780		967,780	U
77	0603884C	Ballistic Missile Defense Sensors	04	233,020	221,977	6,400	228,377	U
78	0603890C	BMD Enabling Programs	04	406,326	426,594	7,000	433,594	U
79	0603891C	Special Programs - MDA	04	390,264	304,677		304,677	U
80	0603892C	AEGIS BMD	04	804,211	919,066		919,066	U
81	0603893C	Space Tracking & Surveillance System	04	27,262	32,129		32,129	U
82	0603895C	Ballistic Missile Defense System Space Programs	04	21,040	20,690		20,690	U
83	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	425,996	433,278	16,650	449,928	U
84	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	47,566	47,776		47,776	U

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27	0603176C	Advanced Concepts and Performance Assessment	03	12,996						12,996	U
28	0603177C	Discrimination Sensor Technology	03								U
29	0603178C	Weapons Technology	03	5,495						5,495	U
30	0603179C	Advanced C4ISR	03								U
31	0603180C	Advanced Research	03	20,184						20,184	U
34	0603274C	Special Program - MDA Technology	03								U
40	0603294C	Common Kill Vehicle Technology	03	252,879						252,879	U
		Advanced Technology Development		291,554						291,554	
74	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	230,162		62,100				292,262	U
75	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	828,097		129,000				957,097	U
77	0603884C	Ballistic Missile Defense Sensors	04	247,345		30,800				278,145	U
78	0603890C	BMD Enabling Programs	04	449,442		16,200				465,642	U
79	0603891C	Special Programs - MDA	04	320,190		45,000				365,190	U
80	0603892C	AEGIS BMD	04	852,052		8,736				860,788	U
81	0603893C	Space Tracking & Surveillance System	04								U
82	0603895C	Ballistic Missile Defense System Space Programs	04								U
83	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	430,115		24,747				454,862	U
84	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	48,954						48,954	U

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85	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	46,191	54,750		54,750	U
86	0603906C	Regarding Trench	04	8,918	8,785		8,785	U
87	0603907C	Sea Based X-Band Radar (SBX)	04	81,265	85,787	4,500	90,287	U
88	0603913C	Israeli Cooperative Programs	04	267,595	268,735		268,735	U
89	0603914C	Ballistic Missile Defense Test	04	290,267	294,441		294,441	U
90	0603915C	Ballistic Missile Defense Targets	04	517,589	528,455		528,455	U
94	0604115C	Technology Maturation Initiatives	04	24,743	86,392		86,392	U
96	0604181C	Hypersonic Defense	04					U
105	0604873C	Long Range Discrimination Radar (LRDR)	04	132,278	170,112	9,900	180,012	U
106	0604874C	Improved Homeland Defense Interceptors	04	282,864	219,346		219,346	U
107	0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	20,980	58,444		58,444	U
108	0604878C	Aegis BMD Test	04	78,468	95,012		95,012	U
109	0604879C	Ballistic Missile Defense Sensor Test	04	83,597	88,150		88,150	U
110	0604880C	Land-Based SM-3 (LBSM3)	04	29,288	43,293		43,293	U
111	0604881C	AEGIS SM-3 Block IIA Co-Development	04	165,456	106,038		106,038	U
112	0604887C	Ballistic Missile Defense Midcourse Segment Test	04	54,619	62,781		62,781	U
113	0604894C	Multi-Object Kill Vehicle	04					U
115	0305103C	Cyber Security Initiative	04	941	969		969	U
116	1206893C	Space Tracking & Surveillance System	04					U

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85	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	53,265						53,265	U
86	0603906C	Regarding Trench	04	9,113						9,113	U
87	0603907C	Sea Based X-Band Radar (SBX)	04	130,695		15,000				145,695	U
88	0603913C	Israeli Cooperative Programs	04	105,354						105,354	U
89	0603914C	Ballistic Missile Defense Test	04	305,791		10,402				316,193	U
90	0603915C	Ballistic Missile Defense Targets	04	410,425		49,700				460,125	U
94	0604115C	Technology Maturation Initiatives	04	128,406						128,406	U
96	0604181C	Hypersonic Defense	04	75,300						75,300	U
105	0604873C	Long Range Discrimination Radar (LRDR)	04	357,659						357,659	U
106	0604874C	Improved Homeland Defense Interceptors	04	465,530		170,900				636,430	U
107	0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	36,239						36,239	U
108	0604878C	Aegis BMD Test	04	134,468		3,315				137,783	U
109	0604879C	Ballistic Missile Defense Sensor Test	04	84,239		17,600				101,839	U
110	0604880C	Land-Based SM-3 (LBSM3)	04	30,486						30,486	U
111	0604881C	AEGIS SM-3 Block IIA Co-Development	04	9,739						9,739	U
112	0604887C	Ballistic Missile Defense Midcourse Segment Test	04	76,757						76,757	U
113	0604894C	Multi-Object Kill Vehicle	04	6,500						6,500	U
115	0305103C	Cyber Security Initiative	04	986						986	U
116	1206893C	Space Tracking & Surveillance System	04	34,907						34,907	U

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117	1206895C	Ballistic Missile Defense System Space Programs	04					U
		Advanced Component Development And Prototypes		5,898,841	5,747,291	44,450	5,791,741	
155	0605502C	Small Business Innovation Research - MDA	06	88,694				U
184	0901598C	Management HQ - MDA	06	35,871	31,160		31,160	U
		Management Support		124,565	31,160		31,160	
Total Missile Defense Agency				6,210,652	5,938,476	48,750	5,987,226	

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117	1206895C	Ballistic Missile Defense System Space Programs	04	16,994		14,000				30,994	U
		Advanced Component Development And Prototypes		5,879,210		597,500				6,476,710	
155	0605502C	Small Business Innovation Research - MDA	06								U
184	0901598C	Management HQ - MDA	06	29,947						29,947	U
		Management Support		29,947						29,947	
Total Missile Defense Agency				6,200,711		597,500				6,798,211	

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206	0303135G	Public Key Infrastructure (PKI)	07	6,101	34,314		34,314	U
207	0303136G	Key Management Infrastructure (KMI)	07	43,867	36,602		36,602	U
209	0303140G	Information Systems Security Program	07	161,890	161,068		161,068	U
		Operational System Development		-----	-----	-----	-----	
Total National Security Agency				-----	-----	-----	-----	

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206	0303135G	Public Key Infrastructure (PKI)	07	4,811						4,811	U
207	0303136G	Key Management Infrastructure (KMI)	07	33,746						33,746	U
209	0303140G	Information Systems Security Program	07	227,652						227,652	U
		Operational System Development									
Total National Security Agency											

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3	0601110D8Z	Basic Research Initiatives	01	70,311	68,079		68,079	U
5	0601120D8Z	National Defense Education Program	01	52,837	79,258		79,258	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	34,943	33,572		33,572	U
Basic Research				158,091	180,909		180,909	
8	0602000D8Z	Joint Munitions Technology	02	18,993	17,725		17,725	U
10	0602230D8Z	Defense Technology Innovation	02		9,989		9,989	U
11	0602234D8Z	Lincoln Laboratory Research Program	02	53,517	48,216		48,216	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	46,750	42,160		42,160	U
16	0602668D8Z	Cyber Security Research	02	15,378	12,170		12,170	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	7,945	8,411		8,411	U
Applied Research				142,583	138,671		138,671	
23	0603000D8Z	Joint Munitions Advanced Technology	03	25,452	23,876		23,876	U
24	0603122D8Z	Combating Terrorism Technology Support	03	146,115	115,375		115,375	U
25	0603133D8Z	Foreign Comparative Testing	03	24,406	19,322		19,322	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	18,129	17,238		17,238	U
37	0603288D8Z	Analytic Assessments	03	14,145	12,036		12,036	U
38	0603289D8Z	Advanced Innovative Analysis and Concepts	03	48,873	56,957		56,957	U
39	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03					U

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3	0601110D8Z	Basic Research Initiatives	01	40,612						40,612	U
5	0601120D8Z	National Defense Education Program	01	74,298						74,298	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	25,865						25,865	U
Basic Research				140,775						140,775	
8	0602000D8Z	Joint Munitions Technology	02	19,111						19,111	U
10	0602230D8Z	Defense Technology Innovation	02								U
11	0602234D8Z	Lincoln Laboratory Research Program	02	49,748						49,748	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	49,226						49,226	U
16	0602668D8Z	Cyber Security Research	02	14,775						14,775	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	8,955						8,955	U
Applied Research				141,815						141,815	
23	0603000D8Z	Joint Munitions Advanced Technology	03	25,627						25,627	U
24	0603122D8Z	Combating Terrorism Technology Support	03	76,230			25,000		25,000	101,230	U
25	0603133D8Z	Foreign Comparative Testing	03	24,199						24,199	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	18,662						18,662	U
37	0603288D8Z	Analytic Assessments	03	13,154						13,154	U
38	0603289D8Z	Advanced Innovative Analysis and Concepts	03	37,674						37,674	U
39	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03	15,000						15,000	U

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42	0603375D8Z	Technology Innovation	03	25,000	19,901		19,901	U
44	0603527D8Z	RETRACT LARCH	03	105,243	181,777		181,777	U
45	0603618D8Z	Joint Electronic Advanced Technology	03	28,667	22,006		22,006	U
46	0603648D8Z	Joint Capability Technology Demonstrations	03	130,829	132,039		132,039	U
47	0603662D8Z	Networked Communications Capabilities	03	5,452	9,321		9,321	U
48	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	151,999	183,224		183,224	U
50	0603699D8Z	Emerging Capabilities Technology Development	03	77,966	55,834		55,834	U
53	0603716D8Z	Strategic Environmental Research Program	03	54,261	65,006		65,006	U
55	0603727D8Z	Joint Warfighting Program	03	4,852	4,843		4,843	U
60	0603769D8Z	Distributed Learning Advanced Technology Development	03					U
62	0603781D8Z	Software Engineering Institute	03	13,687	14,248		14,248	U
63	0603826D8Z	Quick Reaction Special Projects	03	69,506	79,854		79,854	U
64	0603833D8Z	Engineering Science & Technology	03	17,904	22,633		22,633	U
65	0603941D8Z	Test & Evaluation Science & Technology	03	89,317	92,034		92,034	U
66	0604055D8Z	Operational Energy Capability Improvement	03	40,387	42,282		42,282	U
67	0303310D8Z	CWMD Systems	03	40,938	21,214		21,214	U
		Advanced Technology Development		1,133,128	1,191,020		1,191,020	

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42	0603375D8Z	Technology Innovation	03	59,863		5,000				64,863	U
44	0603527D8Z	RETRACT LARCH	03	171,120						171,120	U
45	0603618D8Z	Joint Electronic Advanced Technology	03	14,389						14,389	U
46	0603648D8Z	Joint Capability Technology Demonstrations	03	105,871						105,871	U
47	0603662D8Z	Networked Communications Capabilities	03	12,661						12,661	U
48	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	136,159						136,159	U
50	0603699D8Z	Emerging Capabilities Technology Development	03	57,876						57,876	U
53	0603716D8Z	Strategic Environmental Research Program	03	71,832						71,832	U
55	0603727D8Z	Joint Warfighting Program	03	6,349						6,349	U
60	0603769D8Z	Distributed Learning Advanced Technology Development	03	11,211						11,211	U
62	0603781D8Z	Software Engineering Institute	03	15,047						15,047	U
63	0603826D8Z	Quick Reaction Special Projects	03	69,203						69,203	U
64	0603833D8Z	Engineering Science & Technology	03	25,395						25,395	U
65	0603941D8Z	Test & Evaluation Science & Technology	03	89,586						89,586	U
66	0604055D8Z	Operational Energy Capability Improvement	03	38,403						38,403	U
67	0303310D8Z	CWMD Systems	03	33,382						33,382	U
Advanced Technology Development				1,128,893		5,000	25,000		25,000	1,158,893	

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69	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	31,149	26,469		26,469	U
70	0603600D8Z	WALKOFF	04	88,031	89,544	8,500	98,044	U
71	0603714D8Z	Advanced Sensors Application Program	04	15,869				U
72	0603821D8Z	Acquisition Enterprise Data & Information Services	04		2,134		2,134	U
73	0603851D8Z	Environmental Security Technical Certification Program	04	51,380	46,440		46,440	U
91	0603920D8Z	Humanitarian Demining	04	9,858	9,996		9,996	U
92	0603923D8Z	Coalition Warfare	04	10,179	10,115		10,115	U
93	0604016D8Z	Department of Defense Corrosion Program	04	7,471	13,878		13,878	U
95	0604132D8Z	Missile Defeat Project	04		44,950	70,500	115,450	U
97	0604250D8Z	Advanced Innovative Technologies	04	459,966	833,954	1,600	835,554	U
98	0604294D8Z	Trusted & Assured Microelectronics	04					U
99	0604331D8Z	Rapid Prototyping Program	04		100,000		100,000	U
100	0604342D8Z	Defense Technology Offset	04	71,500				U
101	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	7,731	7,312		7,312	U
102	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04		3,996		3,996	U
103	0604775D8Z	Defense Rapid Innovation Program	04	250,000	250,000		250,000	U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,656	2,633		2,633	U
Advanced Component Development And Prototypes				1,005,790	1,441,421	80,600	1,522,021	

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69	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	32,937						32,937	U
70	0603600D8Z	WALKOFF	04	101,714						101,714	U
71	0603714D8Z	Advanced Sensors Application Program	04								U
72	0603821D8Z	Acquisition Enterprise Data & Information Services	04	2,198						2,198	U
73	0603851D8Z	Environmental Security Technical Certification Program	04	54,583						54,583	U
91	0603920D8Z	Humanitarian Demining	04	10,837						10,837	U
92	0603923D8Z	Coalition Warfare	04	10,740						10,740	U
93	0604016D8Z	Department of Defense Corrosion Program	04	3,837						3,837	U
95	0604132D8Z	Missile Defeat Project	04	98,369		26,400				124,769	U
97	0604250D8Z	Advanced Innovative Technologies	04	1,175,832		306,700				1,482,532	U
98	0604294D8Z	Trusted & Assured Microelectronics	04	83,626						83,626	U
99	0604331D8Z	Rapid Prototyping Program	04	100,000						100,000	U
100	0604342D8Z	Defense Technology Offset	04								U
101	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	3,967						3,967	U
102	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	3,833						3,833	U
103	0604775D8Z	Defense Rapid Innovation Program	04								U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,902						2,902	U
Advanced Component Development And Prototypes				1,685,375		333,100				2,018,475	

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Office of Secretary of Defense
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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	8,590	10,313		10,313	U
119	0604165D8Z	Prompt Global Strike Capability Development	05	88,660	161,126		161,126	U
122	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	13,774	16,270		16,270	U
126	0605022D8Z	Defense Exportability Program	05	3,165	2,917		2,917	U
127	0605027D8Z	OUS(D) IT Development Initiatives	05	13,457	8,831		8,831	U
129	0605075D8Z	DCMO Policy and Integration	05	2,217				U
132	0605140D8Z	Trusted Foundry	05	7,000	68,924		68,924	U
133	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	7,961	8,671		8,671	U
134	0605294D8Z	Trusted & Assured Microelectronics	05					U
136	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	4,289	2,700		2,700	U
137	0305310D8Z	CWMD Systems: System Development and Demonstration	05					U
System Development And Demonstration				149,113	279,752		279,752	
138	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	5,571	4,673		4,673	U
139	0604875D8Z	Joint Systems Architecture Development	06	3,007	3,096		3,096	U
140	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	209,014	218,958		218,958	U
141	0604942D8Z	Assessments and Evaluations	06	127,827	28,674		28,674	U
143	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	39,549	67,006		67,006	U

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	12,536						12,536	U
119	0604165D8Z	Prompt Global Strike Capability Development	05	201,749						201,749	U
122	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	15,358						15,358	U
126	0605022D8Z	Defense Exportability Program	05	3,162						3,162	U
127	0605027D8Z	OUSD(C) IT Development Initiatives	05	21,353						21,353	U
129	0605075D8Z	DCMO Policy and Integration	05	2,810						2,810	U
132	0605140D8Z	Trusted Foundry	05								U
133	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	11,870						11,870	U
134	0605294D8Z	Trusted & Assured Microelectronics	05	61,084						61,084	U
136	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	3,669						3,669	U
137	0305310D8Z	CWMD Systems: System Development and Demonstration	05	8,230						8,230	U
System Development And Demonstration				341,821						341,821	
138	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	6,941						6,941	U
139	0604875D8Z	Joint Systems Architecture Development	06	4,851						4,851	U
140	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	211,325						211,325	U
141	0604942D8Z	Assessments and Evaluations	06	30,144						30,144	U
143	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	91,057						91,057	U

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 Exhibit R-1 FY 2018 President's Budget Amendment
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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
144	0605104D8Z	Technical Studies, Support and Analysis	06	24,121	21,445		21,445	U
146	0605128D8Z	Classified Program USD(P)	06	115,000	130,000		130,000	U
147	0605142D8Z	Systems Engineering	06	38,321	32,393		32,393	U
148	0605151D8Z	Studies and Analysis Support - OSD	06	2,696	2,794		2,794	U
149	0605161D8Z	Nuclear Matters-Physical Security	06	5,094	5,296		5,296	U
150	0605170D8Z	Support to Networks and Information Integration	06	5,113	7,238		7,238	U
151	0605200D8Z	General Support to USD (Intelligence)	06	1,686	1,872		1,872	U
156	0605502D8Z	Small Business Innovative Research	06	62,824				U
161	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,166	2,185		2,185	U
162	0605798D8Z	Defense Technology Analysis	06	15,538	25,622		25,622	U
165	0605804D8Z	Development Test and Evaluation	06	20,749	21,517		21,517	U
168	0606100D8Z	Budget and Program Assessments	06	3,973	4,010		4,010	U
169	0606225D8Z	ODNA Technology and Resource Analysis	06	3,500				U
170	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	1,888	2,070		2,070	U
175	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	942	916		916	U
178	0305193D8Z	Cyber Intelligence	06	6,567	10,511		10,511	U
180	0305245D8Z	Intelligence Capabilities and Innovation Investments	06					U

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
144	0605104D8Z	Technical Studies, Support and Analysis	06	22,386						22,386	U
146	0605128D8Z	Classified Program USD(P)	06								U
147	0605142D8Z	Systems Engineering	06	37,622						37,622	U
148	0605151D8Z	Studies and Analysis Support - OSD	06	5,200						5,200	U
149	0605161D8Z	Nuclear Matters-Physical Security	06	5,232						5,232	U
150	0605170D8Z	Support to Networks and Information Integration	06	12,583						12,583	U
151	0605200D8Z	General Support to USD (Intelligence)	06	31,451		30,000				61,451	U
156	0605502D8Z	Small Business Innovative Research	06								U
161	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,372						2,372	U
162	0605798D8Z	Defense Technology Analysis	06	24,365						24,365	U
165	0605804D8Z	Development Test and Evaluation	06	20,571						20,571	U
168	0606100D8Z	Budget and Program Assessments	06	3,992						3,992	U
169	0606225D8Z	ODNA Technology and Resource Analysis	06	1,000						1,000	U
170	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	2,551						2,551	U
175	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	1,006						1,006	U
178	0305193D8Z	Cyber Intelligence	06								U
180	0305245D8Z	Intelligence Capabilities and Innovation Investments	06	18,992						18,992	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
181	0306310D8Z	CWMD Systems: RDT&E Management Support	06					U
182	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06	41,735	29,951		29,951	U
Management Support				736,881	620,227		620,227	
191	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	21,792	16,177		16,177	U
192	0607310D8Z	CWMD Systems: Operational Systems Development	07	1,832	4,189		4,189	U
208	0303140D8Z	Information Systems Security Program	07	8,649	8,866		8,866	U
227	0305186D8Z	Policy R&D Programs	07	4,131	3,200		3,200	U
228	0305199D8Z	Net Centricity	07	17,532	17,951		17,951	U
237	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,116	7,037		7,037	U
243	0307577D8Z	Intelligence Mission Data (IMD)	07		13,785		13,785	U
Operational System Development				56,052	71,205		71,205	
Total Office of Secretary of Defense				3,381,638	3,923,205	80,600	4,003,805	

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Office of Secretary of Defense
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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
181	0306310D8Z	CWMD Systems: RDT&E Management Support	06	1,231						1,231	U
182	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06								U
		Management Support		534,872		30,000				564,872	
191	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	10,882						10,882	U
192	0607310D8Z	CWMD Systems: Operational Systems Development	07	7,222						7,222	U
208	0303140D8Z	Information Systems Security Program	07	9,415						9,415	U
227	0305186D8Z	Policy R&D Programs	07	6,526						6,526	U
228	0305199D8Z	Net Centricity	07	18,455						18,455	U
237	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,071						2,071	U
243	0307577D8Z	Intelligence Mission Data (IMD)	07	13,111						13,111	U
		Operational System Development		67,682						67,682	
Total Office of Secretary of Defense				4,041,233		368,100	25,000		25,000	4,434,333	

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U.S., Special Operations Command
 FY 2018 President's Budget Amendment
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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
22	1160401BB	SOF Technology Development	02	37,084	46,220		46,220	U
		Applied Research		37,084	46,220		46,220	
68	1160402BB	SOF Advanced Technology Development	03	56,864	90,620		90,620	U
		Advanced Technology Development		56,864	90,620		90,620	
218	0304210BB	Special Applications for Contingencies	07	65,420				U
230	0305208BB	Distributed Common Ground/Surface Systems	07	5,302	5,415		5,415	U
248	1105219BB	MQ-9 UAV	07	21,388	17,804		17,804	U
249	1105232BB	RQ-11 UAV	07	758				U
250	1160279BB	Small Business Innovative Research/ Small Bus Tech Transfer Pilot Prog	07	15,897				U
251	1160403BB	Aviation Systems	07	172,965	158,253	4,400	162,653	U
252	1160405BB	Intelligence Systems Development	07	6,466	5,958		5,958	U
253	1160408BB	Operational Enhancements	07	61,463	54,895		54,895	U
254	1160431BB	Warrior Systems	07	32,677	65,885	400	66,285	U
255	1160432BB	Special Programs	07	3,284	1,949		1,949	U
256	1160434BB	Unmanned ISR	07		22,117		22,117	U
257	1160480BB	SOF Tactical Vehicles	07	2,477	3,316		3,316	U
258	1160483BB	Maritime Systems	07	57,544	54,577		54,577	U
259	1160489BB	Global Video Surveillance Activities	07	3,933	3,841		3,841	U
260	1160490BB	Operational Enhancements Intelligence	07	10,623	11,834		11,834	U
		Operational System Development		460,197	405,844	4,800	410,644	

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U.S., Special Operations Command
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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
22	1160401BB	SOF Technology Development	02	34,493						34,493	U
	Applied Research			34,493						34,493	
68	1160402BB	SOF Advanced Technology Development	03	72,605						72,605	U
	Advanced Technology Development			72,605						72,605	
218	0304210BB	Special Applications for Contingencies	07								U
230	0305208BB	Distributed Common Ground/Surface Systems	07	5,496						5,496	U
248	1105219BB	MQ-9 UAV	07	37,863						37,863	U
249	1105232BB	RQ-11 UAV	07								U
250	1160279BB	Small Business Innovative Research/ Small Bus Tech Transfer Pilot Prog	07								U
251	1160403BB	Aviation Systems	07	259,886						259,886	U
252	1160405BB	Intelligence Systems Development	07	8,245						8,245	U
253	1160408BB	Operational Enhancements	07	79,455			1,920		1,920	81,375	U
254	1160431BB	Warrior Systems	07	45,935						45,935	U
255	1160432BB	Special Programs	07	1,978						1,978	U
256	1160434BB	Unmanned ISR	07	31,766			3,000		3,000	34,766	U
257	1160480BB	SOF Tactical Vehicles	07	2,578						2,578	U
258	1160483BB	Maritime Systems	07	42,315						42,315	U
259	1160489BB	Global Video Surveillance Activities	07	4,661						4,661	U
260	1160490BB	Operational Enhancements Intelligence	07	12,049						12,049	U
	Operational System Development			532,227			4,920		4,920	537,147	

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U.S., Special Operations Command
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Appropriation: 0400D Research, Development, Test & Eval, DW

Line	Program Element	Item	FY 2016 Act	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
<u>No</u>	<u>Number</u>	<u>Item</u>	<u>Act</u>	<u>Enactment</u>	<u>Enactment</u>	<u>(Base + OCO)</u>	<u>c</u>
Total U.S., Special Operations Command			554,145	542,684	4,800	547,484	

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U.S., Special Operations Command
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Line	Program Element No	Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	S e c
Total U.S., Special Operations Command					639,325			4,920		4,920	644,245	

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The Joint Staff
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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
104	0604826J	Joint C5 Capability Development, Integration and interoperability Assessments	04	21,700	23,630		23,630	U
		Advanced Component Development And Prototypes		21,700	23,630		23,630	
145	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06	34,139	32,744		32,744	U
171	0204571J	Joint Staff Analytical Support	06	5,983	5,462		5,462	U
174	0303166J	Support to Information Operations (IO) Capabilities	06	10,404	857		857	U
183	0804767J	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06					U
		Management Support		50,526	39,063		39,063	
195	0208043J	Planning and Decision Aid System (PDAS)	07	1,842	3,036		3,036	U
247	0902298J	Management HQ - OJCS	07	2,953	826		826	U
		Operational System Development		4,795	3,862		3,862	
Total The Joint Staff				77,021	66,555		66,555	

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The Joint Staff
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Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
104	0604826J	Joint C5 Capability Development, Integration and interoperability Assessments	04	23,638						23,638	U
		Advanced Component Development And Prototypes		23,638						23,638	
145	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06	36,581						36,581	U
171	0204571J	Joint Staff Analytical Support	06	7,712						7,712	U
174	0303166J	Support to Information Operations (IO) Capabilities	06	673						673	U
183	0804767J	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06	44,500						44,500	U
		Management Support		89,466						89,466	
195	0208043J	Planning and Decision Aid System (PDAS)	07	3,037						3,037	U
247	0902298J	Management HQ - OJCS	07								U
		Operational System Development		3,037						3,037	
Total The Joint Staff				116,141						116,141	

Washington Headquarters Services
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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
41	0603342D8W	Defense Innovation Unit Experimental (DIUx)	03					U
		Advanced Technology Development		-----	-----	-----	-----	
185	0903230D8W	WHS - Mission Operations Support - IT	06	975				U
186	0903235D8W	Joint Service Provider (JSP)	06		768		768	U
		Management Support		975	768		768	
		Total Washington Headquarters Services		975	768		768	

Washington Headquarters Services
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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
41	0603342D8W	Defense Innovation Unit Experimental (DIUx)	03	29,594						29,594	U
		Advanced Technology Development		29,594						29,594	
185	0903230D8W	WHS - Mission Operations Support - IT	06								U
186	0903235D8W	Joint Service Provider (JSP)	06								U
		Management Support									
Total Washington Headquarters Services				29,594						29,594	

Inspector General
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	FY 2016 <u>Base + OCO</u>	FY 2017 Base <u>Enactment</u>	FY 2017 OCO <u>Enactment</u>	FY 2017 Total <u>(Base + OCO)</u>
<u>Summary Recap of Budget Activities</u>				
RDT&E	2,100	3,153	1,415	4,568
Total Research, Development, Test & Evaluation	2,100	3,153	1,415	4,568
<u>Summary Recap of Non-RDT&E Title FYDP Programs</u>				
Administration and Associated Activities	2,100	3,153	1,415	4,568
Total Research, Development, Test & Evaluation	2,100	3,153	1,415	4,568

Inspector General
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<u>Summary Recap of Budget Activities</u>	FY 2018 Base <u>Request</u>	FY 2018 June Amendment <u>Base</u>	FY 2018 Amendment <u>Emergency</u>	FY 2018 OCO <u>Request</u>	FY 2018 Amendment <u>OCO</u>	FY 2018 Total <u>OCO</u>	FY 2018 <u>Grand Total</u>
RDT&E	2,800						2,800
Total Research, Development, Test & Evaluation	2,800						2,800
 <u>Summary Recap of Non-RDT&E Title FYDP Programs</u>							
Administration and Associated Activities	2,800						2,800
Total Research, Development, Test & Evaluation	2,800						2,800

Inspector General
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Appropriation: 0107D Office of the Inspector General

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
1	0901517X	Inspector General, DoD, Audit, Intelligence and Non-Criminal Investigative Activ	02	2,100	3,153	1,415	4,568	U
		RDT&E		2,100	3,153	1,415	4,568	
Total Office of the Inspector General				2,100	3,153	1,415	4,568	

Inspector General
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 (Dollars in Thousands)

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Appropriation: 0107D Office of the Inspector General

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
1	0901517X	Inspector General, DoD, Audit, Intelligence and Non-Criminal Investigative Activ	02	2,800						2,800	U
		RDT&E		2,800						2,800	
Total Office of the Inspector General				2,800						2,800	

Defense Health Agency
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	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)
<u>Summary Recap of Budget Activities</u>				
RDT&E	2,121,452	2,101,627		2,101,627
Total Research, Development, Test & Evaluation	2,121,452	2,101,627		2,101,627
<u>Summary Recap of Non-RDT&E Title FYDP Programs</u>				
Research and Development	2,121,452	2,101,627		2,101,627
Total Research, Development, Test & Evaluation	2,121,452	2,101,627		2,101,627

Defense Health Agency
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<u>Summary Recap of Budget Activities</u>	FY 2018 Base <u>Request</u>	FY 2018 June Amendment <u>Base</u>	FY 2018 Amendment <u>Emergency</u>	FY 2018 OCO <u>Request</u>	FY 2018 Amendment <u>OCO</u>	FY 2018 Total <u>OCO</u>	FY 2018 <u>Grand Total</u>
RDT&E	673,215						673,215
Total Research, Development, Test & Evaluation	673,215						673,215
 <u>Summary Recap of Non-RDT&E Title FYDP Programs</u>							
Research and Development	673,215						673,215
Total Research, Development, Test & Evaluation	673,215						673,215

Defense Health Agency
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 Non RDT&E Title
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Appropriation: 0130D Defense Health Program

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
1	0601101DHA	In-House Laboratory Independent Research	02	4,330	2,879		2,879	U
2	0601117DHA	Basic Operational Medical Research Science	02	9,002	6,917		6,917	U
3	0602115DHA	Applied Biomedical Technology	02	64,974	63,550		63,550	U
4	0602787DHA	Medical Technology	02	1,131	1,331		1,331	U
5	0603002DHA	Medical Advanced Technology	02	282	332		332	U
6	0603115DHA	Medical Development	02	1,261,030	1,719,345		1,719,345	U
7	0604110DHA	Medical Products Support and Advanced Concept Development	02	172,104	114,382		114,382	U
8	0605013DHA	Information Technology Development	02	16,024	28,814		28,814	U
9	0605025DHA	Information Technology Development ? Theater Medical Information Program-Joint	02	21,338				U
10	0605026DHA	Information Technology Development- DoD Healthcare Management System Modernizati	02	362,788	42,549		42,549	U
11	0605039DHA	DoD Medical Information Exchange and Interoperability	02	10,157				U
12	0605045DHA	Joint Operational Medicine Information System	02	42,005	22,180		22,180	U
13	0605145DHA	Medical Products and Support Systems Development	02	15,509	15,219		15,219	U
14	0605502DHA	Small Business Innovative Research	02	72,915				U
15	0606105DHA	Medical Program-Wide Activities	02	51,811	69,191		69,191	U

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Appropriation: 0130D Defense Health Program

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
1	0601101DHA	In-House Laboratory Independent Research	02	2,879						2,879	U
2	0601117DHA	Basic Operational Medical Research Science	02	6,917						6,917	U
3	0602115DHA	Applied Biomedical Technology	02	63,550						63,550	U
4	0602787DHA	Medical Technology	02	1,331						1,331	U
5	0603002DHA	Medical Advanced Technology	02	332						332	U
6	0603115DHA	Medical Development	02	245,936						245,936	U
7	0604110DHA	Medical Products Support and Advanced Concept Development	02	99,039						99,039	U
8	0605013DHA	Information Technology Development	02	25,323						25,323	U
9	0605025DHA	Information Technology Development ? Theater Medical Information Program-Joint	02								U
10	0605026DHA	Information Technology Development- DoD Healthcare Management System Modernizati	02	42,549						42,549	U
11	0605039DHA	DoD Medical Information Exchange and Interoperability	02								U
12	0605045DHA	Joint Operational Medicine Information System	02	87,511						87,511	U
13	0605145DHA	Medical Products and Support Systems Development	02	15,219						15,219	U
14	0605502DHA	Small Business Innovative Research	02								U
15	0606105DHA	Medical Program-Wide Activities	02	69,191						69,191	U

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 (Dollars in Thousands)

Nov 2017

Appropriation: 0130D Defense Health Program

Line	Program Element No	Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
16	0607100DHA		Medical Products and Capabilities Enhancement Activities	02	16,052	14,938		14,938	U
			RDT&E		2,121,452	2,101,627		2,101,627	
			Total Defense Health Program		2,121,452	2,101,627		2,101,627	

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Appropriation: 0130D Defense Health Program

Line	Program Element No	Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	S e c
16	0607100DHA		Medical Products and Capabilities Enhancement Activities	02	13,438						13,438	U
			RDT&E		673,215						673,215	
Total Defense Health Program					673,215						673,215	

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	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)
<u>Summary Recap of Budget Activities</u>				
Research, Development, Test, And Evaluation	579,342	388,609	127,000	515,609
Total Research, Development, Test & Evaluation	579,342	388,609	127,000	515,609
<u>Summary Recap of Non-RDT&E Title FYDP Programs</u>				
Central Supply and Maintenance	579,342	388,609	127,000	515,609
Total Research, Development, Test & Evaluation	579,342	388,609	127,000	515,609

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	FY 2018 Base <u>Request</u>	FY 2018 June Amendment <u>Base</u>	FY 2018 Amendment <u>Emergency</u>	FY 2018 OCO <u>Request</u>	FY 2018 Amendment <u>OCO</u>	FY 2018 Total <u>OCO</u>	FY 2018 <u>Grand Total</u>
<u>Summary Recap of Budget Activities</u>							
Research, Development, Test, And Evaluation	839,414						839,414
Total Research, Development, Test & Evaluation	839,414						839,414
<u>Summary Recap of Non-RDT&E Title FYDP Programs</u>							
Central Supply and Maintenance	839,414						839,414
Total Research, Development, Test & Evaluation	839,414						839,414

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 (Dollars in Thousands)

Nov 2017

Appropriation: 0390D Chem Agents & Munitions Destruction

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	Se
1	0708081D	Chemical Materials Agency	02	10,003	7,717		7,717	U
2	0708083D	Assembled Chemical Weapons Alternatives	02	569,339	380,892	127,000	507,892	U
		Research, Development, Test, And Evaluation		579,342	388,609	127,000	515,609	
Total Chem Agents & Munitions Destruction				579,342	388,609	127,000	515,609	

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 (Dollars in Thousands)

Nov 2017

Appropriation: 0390D Chem Agents & Munitions Destruction

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
1	0708081D	Chemical Materials Agency	02	7,514						7,514	U
2	0708083D	Assembled Chemical Weapons Alternatives	02	831,900						831,900	U
		Research, Development, Test, And Evaluation		839,414						839,414	
		Total Chem Agents & Munitions Destruction		839,414						839,414	

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	FY 2016 <u>Base + OCO</u>	FY 2017 Base <u>Enactment</u>	FY 2017 OCO <u>Enactment</u>	FY 2017 Total <u>(Base + OCO)</u>
<u>Summary Recap of Budget Activities</u>				
Research and Development	36,289			
Total Research, Development, Test & Evaluation	36,289			
 <u>Summary Recap of Non-RDT&E Title FYDP Programs</u>				
Mobility Forces	36,289			
Total Research, Development, Test & Evaluation	36,289			

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	FY 2018 Base <u>Request</u>	FY 2018 June Amendment <u>Base</u>	FY 2018 Amendment <u>Emergency</u>	FY 2018 OCO <u>Request</u>	FY 2018 Amendment <u>OCO</u>	FY 2018 Total <u>OCO</u>	FY 2018 <u>Grand Total</u>
<u>Summary Recap of Budget Activities</u>							
Research and Development	18,622						18,622
Total Research, Development, Test & Evaluation	18,622						18,622
<u>Summary Recap of Non-RDT&E Title FYDP Programs</u>							
Mobility Forces	18,622						18,622
Total Research, Development, Test & Evaluation	18,622						18,622

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 (Dollars in Thousands)

Nov 2017

Appropriation: 4557N National Defense Sealift Fund

Line	Program Element		FY 2016	FY 2017	FY 2017	FY 2017	S
<u>No</u>	<u>Number</u>	<u>Item</u>	<u>Base + OCO</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>e</u>
			<u>Act</u>	<u>Enactment</u>	<u>Enactment</u>	<u>(Base + OCO)</u>	<u>c</u>
1	0408042N	National Defense Sealift Fund	04	36,289			U
		Research and Development		-----	-----	-----	
				36,289			
				-----	-----	-----	
		Total National Defense Sealift Fund		36,289			

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Nov 2017

Appropriation: 4557N National Defense Sealift Fund

Line No	Program Element Number	Item	Act	FY 2018 Base Request	FY 2018 June Amendment Base	FY 2018 Amendment Emergency	FY 2018 OCO Request	FY 2018 Amendment OCO	FY 2018 Total OCO	FY 2018 Grand Total	Se
1	0408042N	National Defense Sealift Fund	04	18,622	-----	-----	-----	-----	-----	18,622	U
		Research and Development		18,622	-----	-----	-----	-----	-----	18,622	
		Total National Defense Sealift Fund		18,622	-----	-----	-----	-----	-----	18,622	