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

06 Nov 2017

Appropriation	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)
Research, Development, Test & Eval, AF	25,243,981	27,766,036	365,205	28,131,241
Total Research, Development, Test & Evaluation	25,243,981	27,766,036	365,205	28,131,241

Department of Defense FY 2018 President's Budget Amendment Exhibit R-1 FY 2018 President's Budget Amendment Total Obligational Authority

(Dollars in Thousands)

06 Nov 2017

Appropriation	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
Research, Development, Test & Eval, AF	34,914,359		255,744	135,358		135,358	35,305,461
Total Research, Development, Test & Evaluation	34,914,359		255,744	135,358		135,358	35,305,461

Department of Defense FY 2018 President's Budget Amendment Exhibit R-1 FY 2018 President's Budget Amendment Total Obligational Authority

(Dollars in Thousands)

Summary Recap of Budget Activities		FY 2017 Base Enactment	OCO Enactment	Total (Base + OCO)
Basic Research		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
Summary Recap of FYDP Programs				
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

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Department of Defense 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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Summary Recap of Budget Activities	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
Summary Recap of FYDP Programs							
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

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

06 Nov 2017

	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)
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

Department of Defense FY 2018 President's Budget Amendment Exhibit R-1 FY 2018 President's Budget Amendment Total Obligational Authority

(Dollars in Thousands)

06 Nov 2017

	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
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

Department of the Air Force FY 2018 President's Budget Amendment Exhibit R-1 FY 2018 President's Budget Amendment Total Obligational Authority (Dollars in Thousands)

06 Nov 2017

Summary Recap of Budget Activities	FY 2016 Base + OCO	FY 2017 Base Enactment	OCO Enactment	FY 2017 Total (Base + OCO)
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
Summary Recap of FYDP Programs				
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

Department of the Air Force 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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Summary Recap of Budget Activities	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
Summary Recap of FYDP Programs							
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

Department of the Air Force 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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Summary Recap of Budget Activities	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)
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

Department of the Air Force 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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Summary Recap of Budget Activities	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
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

Department of the Air Force 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: 3600F Research, Development, Test & Eval, AF

	Program Element Number		Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
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					Ū
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
	Appli	ed 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

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al Obligational Authority 06 Nov 2017 (Dollars in Thousands)

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

Line No 	Program Element Number		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
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	
	Appli	ed Research		1,284,114						1,284,114	
15	0603112F	Advanced Materials for Weapon Systems	03	37,856						37,856	Ū
16	0603199F	Sustainment Science and Technology (S&T)	03	22,811						22,811	U

Department of the Air Force 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: 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)	S e c
17	0603203F	Advanced Aerospace Sensors	03	39,794	40,945		40,945	U
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
	Advan	nced 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

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

Program Line 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
17 0603203F	Advanced Aerospace Sensors	03	40,978						40,978	U
18 0603211F	Aerospace Technology Dev/Demo	03	115,966						115,966	U
19 0603216F	Aerospace Propulsion and Power Technology	03	104,499						104,499	Ū
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	
Adva:	nced 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

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Department of the Air Force 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: 3600F Research, Development, Test & Eval, AF

	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
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
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

Department of the Air Force FY 2018 President's Budget Amendment Exhibit R-1 FY 2018 President's Budget Amendment Total Obligational Authority

(Dollars in Thousands)

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

	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	S e c
34	0603851F	Intercontinental Ballistic Missile - Dem/Val	04	10,736						10,736	U
35	0603859F	Pollution Prevention - Dem/Val	04	2						2	U
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	Ū
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

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Department of the Air Force 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: 3600F Research, Development, Test & Eval, AF

No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
								_
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
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

Department of the Air Force FY 2018 President's Budget Amendment Exhibit R-1 FY 2018 President's Budget Amendment Total Obligational Authority

(Dollars in Thousands)

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	S e c -
51	0207455F	Three Dimensional Long-Range Radar (3DELRR)	04	10,645						10,645	U
52	0305164F	NAVSTAR Global Positioning System (User Equipment) (SPACE)	04								Ū
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

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

	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
68	1206857F	Operationally Responsive Space	04					U
	Advan	ced Component Development & Prototype	es	1,555,274	2,867,270	13,700	2,880,970	
69	0604200F	Future Advanced Weapon Analysis & Programs	05					U
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

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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	S e c
68	1206857F	Operationally Responsive Space	04	87,577						87,577	U
	Advar	nced Component Development & Prototype	es	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
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

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

	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
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
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

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	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	S e c
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
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

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No	Program Element Number		Act 	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
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
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

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Line No 	Program Element Number		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
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
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

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	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
	1206853F	Evolved Expendable Launch Vehicle Program (SPACE) - EMD	05					Ū
	Syste	m 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
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

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124 1206	Evolved Expendable Launch Vehicle Program (SPACE) - EMD	05	297,572						297,572	
	System Development & Demonstration		4,476,762						4,476,762	
125 0604	256F Threat Simulator Development	06	35,405						35,405	U
126 0604	759F Major T&E Investment	06	82,874						82,874	U
127 0605	.01F RAND Project Air Force	06	34,346						34,346	U
128 0605	502F Small Business Innovation Research	. 06								U
129 0605	712F Initial Operational Test & Evaluation	06	15,523						15,523	Ū
130 0605	307F Test and Evaluation Support	06	678,289						678,289	U
131 0605	326F Acq Workforce- Global Power	06	219,809						219,809	U
132 0605	327F Acq Workforce- Global Vig & Combat Sys	06	223,179						223,179	Ū
133 0605	328F Acq Workforce- Global Reach	06	138,556						138,556	U
134 0605	329F Acq Workforce- Cyber, Network, & Bus Sys	06	221,393						221,393	U
135 0605	330F Acq Workforce- Global Battle Mgmt	06	152,577						152,577	U
136 0605	331F Acq Workforce- Capability Integration	06	196,561						196,561	Ū
137 0605	332F Acq Workforce- Advanced Prgm Technology	06	28,322						28,322	Ū
138 0605	333F Acq Workforce- Nuclear Systems	06	126,611						126,611	U
139 0605	Rocket Systems Launch Program (SPACE)	06								Ū

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No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
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	Ū
143	0605978F	Facilities Sustainment - Test and Evaluation Support	06	27,895	28,091		28,091	U
144	0606017F	Requirements Analysis and Maturation	n 06	21,922	33,746		33,746	U
145	0606116F	Space Test and Training Range Development	06	18,465	18,528		18,528	U
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 - MHP	A 06					U
155	1206860F	Rocket Systems Launch Program (SPACE)	06					U

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Program Line 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 -
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	n 06	35,453						35,453	U
145 0606116F	Space Test and Training Range Development	06								U
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	Ū
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

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	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
156	1206864F	Space Test Program (STP)	06					U
	Manag	gement 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
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	Ū

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Program Line 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
156 1206864F	Space Test Program (STP)	06	25,398						25,398	
Manag	gement 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	Ū
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	Ū

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	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
173	0101314F	Night Fist - USSTRATCOM	07	87				U
174	0101316F	Worldwide Joint Strategic Communications	07	3,815	13,042		13,042	Ū
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
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

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Program Line 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
173 0101314F	Night Fist - USSTRATCOM	07								U
174 0101316F	Worldwide Joint Strategic Communications	07	6,272						6,272	Ū
175 0101324F	Integrated Strategic Planning & Analysis Network	07	11,032						11,032	Ū
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								Ū
180 0205219F	MQ-9 UAV	07	201,394						201,394	U
181 0205671F	Joint Counter RCIED Electronic Warfare	07								Ū
182 0207040F	Multi-Platform Electronic Warfare Equipment	07								Ū
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

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	Program Element Number		Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
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
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

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Program Line Element No Number		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
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	Ū
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
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	Ū
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

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	Program Element Number		Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
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
227	0301401F	Air Force Space and Cyber Non-Traditional ISR for Battlespace Awareness	07					Ū
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	n 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

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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	S e c
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
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	n 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

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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
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

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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
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

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	Program Element Number		Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
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
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	NCMC - 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

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260 0305207F	Manned Reconnaissance Systems	07	14,269						14,269	U
261 0305208F	Distributed Common Ground/Surface Systems	07	27,501						27,501	Ū
262 0305220F	RQ-4 UAV	07	214,849						214,849	U
263 0305221F	Network-Centric Collaborative Targeting	07	18,842						18,842	Ū
264 0305236F	Common Data Link Executive Agent (CDL EA)	07								Ū
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	Ū
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 Operation	ns 07								U
274 0305984F	Personnel Recovery Command & Ctrl (PRC2)	07	2,445						2,445	Ū
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

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	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
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
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

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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
289 0708055F	Maintenance, Repair & Overhaul System	07	31,677						31,677	U
290 0708610F	Logistics Information Technology (LOGIT)	07	33,344						33,344	Ū
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

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	Program Element Number	Item 	Act	FY 2016 Base + OCO	FY 2017 Base Enactment	FY 2017 OCO Enactment	FY 2017 Total (Base + OCO)	S e c
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
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	NCMC - TW/AA System	07					U

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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	Ū
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	NCMC - TW/AA System	07	5,000						5,000	U

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Department of the Air Force FY 2018 President's Budget Amendment Exhibit R-1 FY 2018 President's Budget Amendment Total Obligational Authority (Dollars in Thousands)

06 Nov 2017

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)	S e c
315	1203913F	NUDET Detection System (SPACE)	07					U
316	1203940F	Space Situation Awareness Operation	s 07					U
317	1206423F	Global Positioning System III - Operational Control Segment	07					Ū
9999	999999999	Classified Programs		12,052,624	12,795,281	194,365	12,989,646	
	Opera	tional Systems Development		15,915,939	16,983,742	333,080	17,316,822	
Tota	l Research,	Development, Test & Eval, AF		25,243,981	27,766,036	365,205	28,131,241	

Department of the Air Force FY 2018 President's Budget Amendment Exhibit R-1 FY 2018 President's Budget Amendment Total Obligational Authority (Dollars in Thousands)

gational Authority 06 Nov 2017

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

Line E	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	S e c
315 1	L203913F	NUDET Detection System (SPACE)	07	31,508						31,508	U
316 1	L203940F	Space Situation Awareness Operation	s 07	99,984						99,984	U
317 1	L206423F	Global Positioning System III - Operational Control Segment	07	510,938						510,938	U
9999 9	999999999	Classified Programs		14,938,002		165,244	112,408		112,408	15,215,654	U
	Opera	tional 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	