

## UNCLASSIFIED

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

23 May 2017

Appropriation	FY 2016 Base + OCO	FY 2017 PB Request with CR Adj Base	FY 2017 Total PB Requests* with CR Adj Base	FY 2017 PB Request with CR Adj OCO	FY 2017 Total PB Requests* with CR Adj OCO	FY 2017 Less Enacted Div B P.L.114-254** OCO	FY 2017 Remaining Req with CR Adj OCO
Research, Development, Test & Eval, DW	3,381,638	3,430,277	3,770,685				
Total Research, Development, Test & Evaluation	3,381,638	3,430,277	3,770,685				

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Appropriation -----	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA	FY 2017 Total PB Requests* with CR Adj Base + OCO	FY 2017 Less Enacted Div B P.L.114-254** OCO	FY 2017 Remaining Req with CR Adj Base + OCO	FY 2018 Base	FY 2018 OCO	FY 2018 Total
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Research, Development, Test & Eval, DW	3,430,277	3,770,685		3,770,685	4,041,233	25,000	4,066,233
Total Research, Development, Test & Evaluation	3,430,277	3,770,685		3,770,685	4,041,233	25,000	4,066,233

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Summary Recap of Budget Activities	FY 2016 Base + OCO	FY 2017 PB Request with CR Adj Base	FY 2017 Total PB Requests* with CR Adj Base	FY 2017 PB Request with CR Adj OCO	FY 2017 Total PB Requests* with CR Adj OCO	FY 2017 Less Enacted Div B P.L.114-254** OCO	FY 2017 Remaining Req with CR Adj OCO
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Basic Research	158,091	129,571	129,571				
Applied Research	142,583	158,823	158,823				
Advanced Technology Development	1,133,128	1,161,401	1,221,785				
Advanced Component Development And Prototypes	1,005,790	1,096,620	1,247,220				
System Development And Demonstration	149,113	292,419	308,943				
Management Support	736,881	522,166	635,066				
Operational System Development	56,052	69,277	69,277				
Total Research, Development, Test & Evaluation	3,381,638	3,430,277	3,770,685				
Summary Recap of FYDP Programs							
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General Purpose Forces	1,888	2,072	2,072				
Intelligence and Communications	87,820	118,502	118,502				
Research and Development	3,250,195	3,275,319	3,615,727				
Training Medical and Other	41,735	34,384	34,384				
Total Research, Development, Test & Evaluation	3,381,638	3,430,277	3,770,685				

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	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA	FY 2017 Total PB Requests* with CR Adj Base + OCO	FY 2017 Less Enacted Div B P.L.114-254** OCO	FY 2017 Remaining Req with CR Adj Base + OCO	FY 2018 Base	FY 2018 OCO	FY 2018 Total
Summary Recap of Budget Activities -----							
Basic Research	129,571	129,571		129,571	140,775		140,775
Applied Research	158,823	158,823		158,823	141,815		141,815
Advanced Technology Development	1,161,401	1,221,785		1,221,785	1,128,893	25,000	1,153,893
Advanced Component Development And Prototypes	1,096,620	1,247,220		1,247,220	1,685,375		1,685,375
System Development And Demonstration	292,419	308,943		308,943	341,821		341,821
Management Support	522,166	635,066		635,066	534,872		534,872
Operational System Development	69,277	69,277		69,277	67,682		67,682
Total Research, Development, Test & Evaluation	3,430,277	3,770,685		3,770,685	4,041,233	25,000	4,066,233
Summary Recap of FYDP Programs -----							
General Purpose Forces	2,072	2,072		2,072	2,551		2,551
Intelligence and Communications	118,502	118,502		118,502	118,990		118,990
Research and Development	3,275,319	3,615,727		3,615,727	3,919,692	25,000	3,944,692
Training Medical and Other	34,384	34,384		34,384			
Total Research, Development, Test & Evaluation	3,430,277	3,770,685		3,770,685	4,041,233	25,000	4,066,233

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Summary Recap of Budget Activities							
-----	-----	-----	-----	-----	-----	-----	-----
Basic Research	158,091	129,571	129,571				
Applied Research	142,583	158,823	158,823				
Advanced Technology Development	1,133,128	1,161,401	1,221,785				
Advanced Component Development And Prototypes	1,005,790	1,096,620	1,247,220				
System Development And Demonstration	149,113	292,419	308,943				
Management Support	736,881	522,166	635,066				
Operational System Development	56,052	69,277	69,277				
Total Research, Development, Test & Evaluation	3,381,638	3,430,277	3,770,685				
Summary Recap of FYDP Programs							
-----	-----	-----	-----	-----	-----	-----	-----
General Purpose Forces	1,888	2,072	2,072				
Intelligence and Communications	87,820	118,502	118,502				
Research and Development	3,250,195	3,275,319	3,615,727				
Training Medical and Other	41,735	34,384	34,384				
Total Research, Development, Test & Evaluation	3,381,638	3,430,277	3,770,685				

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Summary Recap of Budget Activities -----							
Basic Research	129,571	129,571		129,571	140,775		140,775
Applied Research	158,823	158,823		158,823	141,815		141,815
Advanced Technology Development	1,161,401	1,221,785		1,221,785	1,128,893	25,000	1,153,893
Advanced Component Development And Prototypes	1,096,620	1,247,220		1,247,220	1,685,375		1,685,375
System Development And Demonstration	292,419	308,943		308,943	341,821		341,821
Management Support	522,166	635,066		635,066	534,872		534,872
Operational System Development	69,277	69,277		69,277	67,682		67,682
Total Research, Development, Test & Evaluation	3,430,277	3,770,685		3,770,685	4,041,233	25,000	4,066,233
Summary Recap of FYDP Programs -----							
General Purpose Forces	2,072	2,072		2,072	2,551		2,551
Intelligence and Communications	118,502	118,502		118,502	118,990		118,990
Research and Development	3,275,319	3,615,727		3,615,727	3,919,692	25,000	3,944,692
Training Medical and Other	34,384	34,384		34,384			
Total Research, Development, Test & Evaluation	3,430,277	3,770,685		3,770,685	4,041,233	25,000	4,066,233

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Office of Secretary of Defense	3,381,638	3,430,277	3,770,685				
Total Research, Development, Test & Evaluation	3,381,638	3,430,277	3,770,685				

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Office of Secretary of Defense	3,430,277	3,770,685		3,770,685	4,041,233	25,000	4,066,233
Total Research, Development, Test & Evaluation	3,430,277	3,770,685		3,770,685	4,041,233	25,000	4,066,233



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23 May 2017

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

Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 PB Request with CR Adj Base	FY 2017 Total PB Requests* with CR Adj Base	FY 2017 PB Request with CR Adj OCO	FY 2017 Total PB Requests* with CR Adj OCO	FY 2017 Less Enacted Div B P.L.114-254** OCO	FY 2017 Remaining Req with CR Adj OCO	S e c
3	0601110D8Z	Basic Research Initiatives	01	70,311	36,654	36,654					U
5	0601120D8Z	National Defense Education Program	01	52,837	69,345	69,345					U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	34,943	23,572	23,572					U
		Basic Research		158,091	129,571	129,571					
8	0602000D8Z	Joint Munitions Technology	02	18,993	17,745	17,745					U
10	0602230D8Z	Defense Technology Innovation	02		30,000	30,000					U
11	0602234D8Z	Lincoln Laboratory Research Program	02	53,517	48,269	48,269					U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	46,750	42,206	42,206					U
16	0602668D8Z	Cyber Security Research	02	15,378	12,183	12,183					U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	7,945	8,420	8,420					U
		Applied Research		142,583	158,823	158,823					
23	0603000D8Z	Joint Munitions Advanced Technology	03	25,452	23,902	23,902					U
24	0603122D8Z	Combating Terrorism Technology Support	03	146,115	73,002	73,002					U
25	0603133D8Z	Foreign Comparative Testing	03	24,406	19,343	19,343					U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	18,129	17,256	17,256					U
37	0603288D8Z	Analytic Assessments	03	14,145	12,048	12,048					U
38	0603289D8Z	Advanced Innovative Analysis and Concepts	03	48,873	57,020	57,020					U

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3	0601110D8Z	Basic Research Initiatives	01	36,654	36,654		36,654	40,612		40,612	U
5	0601120D8Z	National Defense Education Program	01	69,345	69,345		69,345	74,298		74,298	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	23,572	23,572		23,572	25,865		25,865	U
		Basic Research		129,571	129,571		129,571	140,775		140,775	
8	0602000D8Z	Joint Munitions Technology	02	17,745	17,745		17,745	19,111		19,111	U
10	0602230D8Z	Defense Technology Innovation	02	30,000	30,000		30,000				U
11	0602234D8Z	Lincoln Laboratory Research Program	02	48,269	48,269		48,269	49,748		49,748	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	42,206	42,206		42,206	49,226		49,226	U
16	0602668D8Z	Cyber Security Research	02	12,183	12,183		12,183	14,775		14,775	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	8,420	8,420		8,420	8,955		8,955	U
		Applied Research		158,823	158,823		158,823	141,815		141,815	
23	0603000D8Z	Joint Munitions Advanced Technology	03	23,902	23,902		23,902	25,627		25,627	U
24	0603122D8Z	Combating Terrorism Technology Support	03	73,002	73,002		73,002	76,230	25,000	101,230	U
25	0603133D8Z	Foreign Comparative Testing	03	19,343	19,343		19,343	24,199		24,199	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	17,256	17,256		17,256	18,662		18,662	U
37	0603288D8Z	Analytic Assessments	03	12,048	12,048		12,048	13,154		13,154	U
38	0603289D8Z	Advanced Innovative Analysis and Concepts	03	57,020	57,020		57,020	37,674		37,674	U

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39	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03								U
42	0603375D8Z	Technology Innovation	03	25,000	39,923	89,923					U
44	0603527D8Z	RETRACT LARCH	03	105,243	181,977	181,977					U
45	0603618D8Z	Joint Electronic Advanced Technology	03	28,667	22,030	22,030					U
46	0603648D8Z	Joint Capability Technology Demonstrations	03	130,829	148,184	148,184					U
47	0603662D8Z	Networked Communications Capabilities	03	5,452	9,331	9,331					U
48	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	151,999	158,398	158,398					U
50	0603699D8Z	Emerging Capabilities Technology Development	03	77,966	49,895	49,895					U
53	0603716D8Z	Strategic Environmental Research Program	03	54,261	65,078	65,078					U
55	0603727D8Z	Joint Warfighting Program	03	4,852	7,848	7,848					U
60	0603769D8Z	Distributed Learning Advanced Technology Development	03			10,384					U
62	0603781D8Z	Software Engineering Institute	03	13,687	14,264	14,264					U
63	0603826D8Z	Quick Reaction Special Projects	03	69,506	74,943	74,943					U
64	0603833D8Z	Engineering Science & Technology	03	17,904	17,659	17,659					U
65	0603941D8Z	Test & Evaluation Science & Technology	03	89,317	87,135	87,135					U
66	0604055D8Z	Operational Energy Capability Improvement	03	40,387	37,329	37,329					U

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39	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03					15,000		15,000	U
42	0603375D8Z	Technology Innovation	03	39,923	89,923		89,923	59,863		59,863	U
44	0603527D8Z	RETRACT LARCH	03	181,977	181,977		181,977	171,120		171,120	U
45	0603618D8Z	Joint Electronic Advanced Technology	03	22,030	22,030		22,030	14,389		14,389	U
46	0603648D8Z	Joint Capability Technology Demonstrations	03	148,184	148,184		148,184	105,871		105,871	U
47	0603662D8Z	Networked Communications Capabilities	03	9,331	9,331		9,331	12,661		12,661	U
48	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	158,398	158,398		158,398	136,159		136,159	U
50	0603699D8Z	Emerging Capabilities Technology Development	03	49,895	49,895		49,895	57,876		57,876	U
53	0603716D8Z	Strategic Environmental Research Program	03	65,078	65,078		65,078	71,832		71,832	U
55	0603727D8Z	Joint Warfighting Program	03	7,848	7,848		7,848	6,349		6,349	U
60	0603769D8Z	Distributed Learning Advanced Technology Development	03		10,384		10,384	11,211		11,211	U
62	0603781D8Z	Software Engineering Institute	03	14,264	14,264		14,264	15,047		15,047	U
63	0603826D8Z	Quick Reaction Special Projects	03	74,943	74,943		74,943	69,203		69,203	U
64	0603833D8Z	Engineering Science & Technology	03	17,659	17,659		17,659	25,395		25,395	U
65	0603941D8Z	Test & Evaluation Science & Technology	03	87,135	87,135		87,135	89,586		89,586	U
66	0604055D8Z	Operational Energy Capability Improvement	03	37,329	37,329		37,329	38,403		38,403	U

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67	0303310D8Z	CWMD Systems	03	40,938	44,836	44,836					U
		Advanced Technology Development		1,133,128	1,161,401	1,221,785					
69	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	31,149	28,498	28,498					U
70	0603600D8Z	WALKOFF	04	88,031	89,643	98,143					U
71	0603714D8Z	Advanced Sensors Application Program	04	15,869							U
72	0603821D8Z	Acquisition Enterprise Data & Information Services	04		2,136	2,136					U
73	0603851D8Z	Environmental Security Technical Certification Program	04	51,380	52,491	52,491					U
91	0603920D8Z	Humanitarian Demining	04	9,858	10,007	10,007					U
92	0603923D8Z	Coalition Warfare	04	10,179	10,126	10,126					U
93	0604016D8Z	Department of Defense Corrosion Program	04	7,471	3,893	3,893					U
95	0604132D8Z	Missile Defeat Project	04		45,000	185,500					U
97	0604250D8Z	Advanced Innovative Technologies	04	459,966	844,870	846,470					U
98	0604294D8Z	Trusted & Assured Microelectronics	04								U
99	0604331D8Z	Rapid Prototyping Program	04								U
100	0604342D8Z	Defense Technology Offset	04	71,500							U
101	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	7,731	3,320	3,320					U
102	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04		4,000	4,000					U

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67	0303310D8Z	CWMD Systems	03	44,836	44,836		44,836	33,382		33,382	U
		Advanced Technology Development		1,161,401	1,221,785		1,221,785	1,128,893	25,000	1,153,893	
69	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	28,498	28,498		28,498	32,937		32,937	U
70	0603600D8Z	WALKOFF	04	89,643	98,143		98,143	101,714		101,714	U
71	0603714D8Z	Advanced Sensors Application Program	04								U
72	0603821D8Z	Acquisition Enterprise Data & Information Services	04	2,136	2,136		2,136	2,198		2,198	U
73	0603851D8Z	Environmental Security Technical Certification Program	04	52,491	52,491		52,491	54,583		54,583	U
91	0603920D8Z	Humanitarian Demining	04	10,007	10,007		10,007	10,837		10,837	U
92	0603923D8Z	Coalition Warfare	04	10,126	10,126		10,126	10,740		10,740	U
93	0604016D8Z	Department of Defense Corrosion Program	04	3,893	3,893		3,893	3,837		3,837	U
95	0604132D8Z	Missile Defeat Project	04	45,000	185,500		185,500	98,369		98,369	U
97	0604250D8Z	Advanced Innovative Technologies	04	844,870	846,470		846,470	1,175,832		1,175,832	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	3,320	3,320		3,320	3,967		3,967	U
102	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	4,000	4,000		4,000	3,833		3,833	U

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

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103	0604775D8Z	Defense Rapid Innovation Program	04	250,000							U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,656	2,636	2,636					U
		Advanced Component Development And Prototypes		1,005,790	1,096,620	1,247,220					
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	8,590	10,324	10,324					U
119	0604165D8Z	Prompt Global Strike Capability Development	05	88,660	181,303	181,303					U
122	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	13,774	16,288	16,288					U
126	0605022D8Z	Defense Exportability Program	05	3,165	2,920	2,920					U
127	0605027D8Z	OUSD(C) IT Development Initiatives	05	13,457		16,524					U
129	0605075D8Z	DCMO Policy and Integration	05	2,217							U
132	0605140D8Z	Trusted Foundry	05	7,000	69,000	69,000					U
133	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	7,961	9,881	9,881					U
134	0605294D8Z	Trusted & Assured Microelectronics	05								U
136	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	4,289	2,703	2,703					U
137	0305310D8Z	CWMD Systems: System Development and Demonstration	05								U
		System Development And Demonstration		149,113	292,419	308,943					
138	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	5,571	4,678	4,678					U

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103	0604775D8Z	Defense Rapid Innovation Program	04								U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,636	2,636		2,636	2,902		2,902	U
		Advanced Component Development And Prototypes		1,096,620	1,247,220		1,247,220	1,685,375		1,685,375	
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	10,324	10,324		10,324	12,536		12,536	U
119	0604165D8Z	Prompt Global Strike Capability Development	05	181,303	181,303		181,303	201,749		201,749	U
122	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	16,288	16,288		16,288	15,358		15,358	U
126	0605022D8Z	Defense Exportability Program	05	2,920	2,920		2,920	3,162		3,162	U
127	0605027D8Z	OUSD(C) IT Development Initiatives	05		16,524		16,524	21,353		21,353	U
129	0605075D8Z	DCMO Policy and Integration	05					2,810		2,810	U
132	0605140D8Z	Trusted Foundry	05	69,000	69,000		69,000				U
133	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	9,881	9,881		9,881	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	2,703	2,703		2,703	3,669		3,669	U
137	0305310D8Z	CWMD Systems: System Development and Demonstration	05					8,230		8,230	U
		System Development And Demonstration		292,419	308,943		308,943	341,821		341,821	
138	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	4,678	4,678		4,678	6,941		6,941	U

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139	0604875D8Z	Joint Systems Architecture Development	06	3,007	4,499	4,499					U
140	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	209,014	219,199	219,199					U
141	0604942D8Z	Assessments and Evaluations	06	127,827	28,706	132,106					U
143	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	39,549	87,080	87,080					U
144	0605104D8Z	Technical Studies, Support and Analysis	06	24,121	23,069	23,069					U
146	0605128D8Z	Classified Program USD(P)	06	115,000							U
147	0605142D8Z	Systems Engineering	06	38,321	32,429	32,429					U
148	0605151D8Z	Studies and Analysis Support - OSD	06	2,696	3,797	3,797					U
149	0605161D8Z	Nuclear Matters-Physical Security	06	5,094	5,302	5,302					U
150	0605170D8Z	Support to Networks and Information Integration	06	5,113	7,246	7,246					U
151	0605200D8Z	General Support to USD (Intelligence)	06	1,686	1,874	10,374					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	2,187	2,187					U
162	0605798D8Z	Defense Technology Analysis	06	15,538	22,650	22,650					U
165	0605804D8Z	Development Test and Evaluation	06	20,749	19,541	19,541					U
168	0606100D8Z	Budget and Program Assessments	06	3,973	4,014	4,014					U

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139	0604875D8Z	Joint Systems Architecture Development	06	4,499	4,499		4,499	4,851		4,851	U
140	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	219,199	219,199		219,199	211,325		211,325	U
141	0604942D8Z	Assessments and Evaluations	06	28,706	132,106		132,106	30,144		30,144	U
143	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	87,080	87,080		87,080	91,057		91,057	U
144	0605104D8Z	Technical Studies, Support and Analysis	06	23,069	23,069		23,069	22,386		22,386	U
146	0605128D8Z	Classified Program USD(P)	06								U
147	0605142D8Z	Systems Engineering	06	32,429	32,429		32,429	37,622		37,622	U
148	0605151D8Z	Studies and Analysis Support - OSD	06	3,797	3,797		3,797	5,200		5,200	U
149	0605161D8Z	Nuclear Matters-Physical Security	06	5,302	5,302		5,302	5,232		5,232	U
150	0605170D8Z	Support to Networks and Information Integration	06	7,246	7,246		7,246	12,583		12,583	U
151	0605200D8Z	General Support to USD (Intelligence)	06	1,874	10,374		10,374	31,451		31,451	U
156	0605502D8Z	Small Business Innovative Research	06								U
161	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,187	2,187		2,187	2,372		2,372	U
162	0605798D8Z	Defense Technology Analysis	06	22,650	22,650		22,650	24,365		24,365	U
165	0605804D8Z	Development Test and Evaluation	06	19,541	19,541		19,541	20,571		20,571	U
168	0606100D8Z	Budget and Program Assessments	06	4,014	4,014		4,014	3,992		3,992	U

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169	0606225D8Z	ODNA Technology and Resource Analysis	06	3,500		1,000					U
170	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	1,888	2,072	2,072					U
175	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	942	916	916					U
178	0305193D8Z	Cyber Intelligence	06	6,567	18,523	18,523					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	34,384	34,384					U
		Management Support		736,881	522,166	635,066					
191	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	21,792	16,195	16,195					U
192	0607310D8Z	CWMD Systems: Operational Systems Development	07	1,832	4,194	4,194					U
208	0303140D8Z	Information Systems Security Program	07	8,649	8,876	8,876					U
227	0305186D8Z	Policy R&D Programs	07	4,131	6,204	6,204					U
228	0305199D8Z	Net Centricity	07	17,532	17,971	17,971					U
237	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,116	2,037	2,037					U

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169	0606225D8Z	ODNA Technology and Resource Analysis	06		1,000		1,000	1,000		1,000	U
170	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	2,072	2,072		2,072	2,551		2,551	U
175	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	916	916		916	1,006		1,006	U
178	0305193D8Z	Cyber Intelligence	06	18,523	18,523		18,523				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	34,384	34,384		34,384				U
		Management Support		522,166	635,066		635,066	534,872		534,872	
191	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	16,195	16,195		16,195	10,882		10,882	U
192	0607310D8Z	CWMD Systems: Operational Systems Development	07	4,194	4,194		4,194	7,222		7,222	U
208	0303140D8Z	Information Systems Security Program	07	8,876	8,876		8,876	9,415		9,415	U
227	0305186D8Z	Policy R&D Programs	07	6,204	6,204		6,204	6,526		6,526	U
228	0305199D8Z	Net Centricity	07	17,971	17,971		17,971	18,455		18,455	U
237	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,037	2,037		2,037	2,071		2,071	U

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				PB Request with CR Adj Base	Total PB Requests* with CR Adj Base	PB Request with CR Adj OCO	Total PB Requests* with CR Adj OCO	Less Enacted Div B P.L.114-254** OCO	FY 2017 Remaining Req S with CR Adj OCO
243	0307577D8Z	Intelligence Mission Data (IMD)	07	13,800	13,800				
		Operational System Development		56,052	69,277				
Total Research, Development, Test & Eval, DW				3,381,638	3,430,277	3,770,685			

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243	0307577D8Z	Intelligence Mission Data (IMD)	07	13,800	13,800		13,800	13,111		13,111	U
		Operational System Development		69,277	69,277		69,277	67,682		67,682	
Total Research, Development, Test & Eval, DW				3,430,277	3,770,685		3,770,685	4,041,233	25,000	4,066,233	

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3	0601110D8Z	Basic Research Initiatives	01	70,311	36,654	36,654					U
5	0601120D8Z	National Defense Education Program	01	52,837	69,345	69,345					U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	34,943	23,572	23,572					U
		Basic Research		158,091	129,571	129,571					
8	0602000D8Z	Joint Munitions Technology	02	18,993	17,745	17,745					U
10	0602230D8Z	Defense Technology Innovation	02		30,000	30,000					U
11	0602234D8Z	Lincoln Laboratory Research Program	02	53,517	48,269	48,269					U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	46,750	42,206	42,206					U
16	0602668D8Z	Cyber Security Research	02	15,378	12,183	12,183					U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	7,945	8,420	8,420					U
		Applied Research		142,583	158,823	158,823					
23	0603000D8Z	Joint Munitions Advanced Technology	03	25,452	23,902	23,902					U
24	0603122D8Z	Combating Terrorism Technology Support	03	146,115	73,002	73,002					U
25	0603133D8Z	Foreign Comparative Testing	03	24,406	19,343	19,343					U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	18,129	17,256	17,256					U
37	0603288D8Z	Analytic Assessments	03	14,145	12,048	12,048					U
38	0603289D8Z	Advanced Innovative Analysis and Concepts	03	48,873	57,020	57,020					U

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3	0601110D8Z	Basic Research Initiatives	01	36,654	36,654		36,654	40,612		40,612	U
5	0601120D8Z	National Defense Education Program	01	69,345	69,345		69,345	74,298		74,298	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	23,572	23,572		23,572	25,865		25,865	U
		Basic Research		129,571	129,571		129,571	140,775		140,775	
8	0602000D8Z	Joint Munitions Technology	02	17,745	17,745		17,745	19,111		19,111	U
10	0602230D8Z	Defense Technology Innovation	02	30,000	30,000		30,000				U
11	0602234D8Z	Lincoln Laboratory Research Program	02	48,269	48,269		48,269	49,748		49,748	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	42,206	42,206		42,206	49,226		49,226	U
16	0602668D8Z	Cyber Security Research	02	12,183	12,183		12,183	14,775		14,775	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	8,420	8,420		8,420	8,955		8,955	U
		Applied Research		158,823	158,823		158,823	141,815		141,815	
23	0603000D8Z	Joint Munitions Advanced Technology	03	23,902	23,902		23,902	25,627		25,627	U
24	0603122D8Z	Combating Terrorism Technology Support	03	73,002	73,002		73,002	76,230	25,000	101,230	U
25	0603133D8Z	Foreign Comparative Testing	03	19,343	19,343		19,343	24,199		24,199	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	17,256	17,256		17,256	18,662		18,662	U
37	0603288D8Z	Analytic Assessments	03	12,048	12,048		12,048	13,154		13,154	U
38	0603289D8Z	Advanced Innovative Analysis and Concepts	03	57,020	57,020		57,020	37,674		37,674	U

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39	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03								U
42	0603375D8Z	Technology Innovation	03	25,000	39,923	89,923					U
44	0603527D8Z	RETRACT LARCH	03	105,243	181,977	181,977					U
45	0603618D8Z	Joint Electronic Advanced Technology	03	28,667	22,030	22,030					U
46	0603648D8Z	Joint Capability Technology Demonstrations	03	130,829	148,184	148,184					U
47	0603662D8Z	Networked Communications Capabilities	03	5,452	9,331	9,331					U
48	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	151,999	158,398	158,398					U
50	0603699D8Z	Emerging Capabilities Technology Development	03	77,966	49,895	49,895					U
53	0603716D8Z	Strategic Environmental Research Program	03	54,261	65,078	65,078					U
55	0603727D8Z	Joint Warfighting Program	03	4,852	7,848	7,848					U
60	0603769D8Z	Distributed Learning Advanced Technology Development	03			10,384					U
62	0603781D8Z	Software Engineering Institute	03	13,687	14,264	14,264					U
63	0603826D8Z	Quick Reaction Special Projects	03	69,506	74,943	74,943					U
64	0603833D8Z	Engineering Science & Technology	03	17,904	17,659	17,659					U
65	0603941D8Z	Test & Evaluation Science & Technology	03	89,317	87,135	87,135					U
66	0604055D8Z	Operational Energy Capability Improvement	03	40,387	37,329	37,329					U

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39	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03					15,000		15,000	U
42	0603375D8Z	Technology Innovation	03	39,923	89,923		89,923	59,863		59,863	U
44	0603527D8Z	RETRACT LARCH	03	181,977	181,977		181,977	171,120		171,120	U
45	0603618D8Z	Joint Electronic Advanced Technology	03	22,030	22,030		22,030	14,389		14,389	U
46	0603648D8Z	Joint Capability Technology Demonstrations	03	148,184	148,184		148,184	105,871		105,871	U
47	0603662D8Z	Networked Communications Capabilities	03	9,331	9,331		9,331	12,661		12,661	U
48	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	158,398	158,398		158,398	136,159		136,159	U
50	0603699D8Z	Emerging Capabilities Technology Development	03	49,895	49,895		49,895	57,876		57,876	U
53	0603716D8Z	Strategic Environmental Research Program	03	65,078	65,078		65,078	71,832		71,832	U
55	0603727D8Z	Joint Warfighting Program	03	7,848	7,848		7,848	6,349		6,349	U
60	0603769D8Z	Distributed Learning Advanced Technology Development	03		10,384		10,384	11,211		11,211	U
62	0603781D8Z	Software Engineering Institute	03	14,264	14,264		14,264	15,047		15,047	U
63	0603826D8Z	Quick Reaction Special Projects	03	74,943	74,943		74,943	69,203		69,203	U
64	0603833D8Z	Engineering Science & Technology	03	17,659	17,659		17,659	25,395		25,395	U
65	0603941D8Z	Test & Evaluation Science & Technology	03	87,135	87,135		87,135	89,586		89,586	U
66	0604055D8Z	Operational Energy Capability Improvement	03	37,329	37,329		37,329	38,403		38,403	U

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Line No	Program Element Number	Item	Act	FY 2016 Base + OCO	FY 2017 PB Request with CR Adj Base	FY 2017 Total PB Requests* with CR Adj Base	FY 2017 PB Request with CR Adj OCO	FY 2017 Total PB Requests* with CR Adj OCO	FY 2017 Less Enacted Div B P.L.114-254** OCO	FY 2017 Remaining Req with CR Adj OCO	S e c
67	0303310D8Z	CWMD Systems	03	40,938	44,836	44,836					U
		Advanced Technology Development		1,133,128	1,161,401	1,221,785					
69	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	31,149	28,498	28,498					U
70	0603600D8Z	WALKOFF	04	88,031	89,643	98,143					U
71	0603714D8Z	Advanced Sensors Application Program	04	15,869							U
72	0603821D8Z	Acquisition Enterprise Data & Information Services	04		2,136	2,136					U
73	0603851D8Z	Environmental Security Technical Certification Program	04	51,380	52,491	52,491					U
91	0603920D8Z	Humanitarian Demining	04	9,858	10,007	10,007					U
92	0603923D8Z	Coalition Warfare	04	10,179	10,126	10,126					U
93	0604016D8Z	Department of Defense Corrosion Program	04	7,471	3,893	3,893					U
95	0604132D8Z	Missile Defeat Project	04		45,000	185,500					U
97	0604250D8Z	Advanced Innovative Technologies	04	459,966	844,870	846,470					U
98	0604294D8Z	Trusted & Assured Microelectronics	04								U
99	0604331D8Z	Rapid Prototyping Program	04								U
100	0604342D8Z	Defense Technology Offset	04	71,500							U
101	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	7,731	3,320	3,320					U
102	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04		4,000	4,000					U

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67	0303310D8Z	CWMD Systems	03	44,836	44,836		44,836	33,382		33,382	U
		Advanced Technology Development		1,161,401	1,221,785		1,221,785	1,128,893	25,000	1,153,893	
69	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	28,498	28,498		28,498	32,937		32,937	U
70	0603600D8Z	WALKOFF	04	89,643	98,143		98,143	101,714		101,714	U
71	0603714D8Z	Advanced Sensors Application Program	04								U
72	0603821D8Z	Acquisition Enterprise Data & Information Services	04	2,136	2,136		2,136	2,198		2,198	U
73	0603851D8Z	Environmental Security Technical Certification Program	04	52,491	52,491		52,491	54,583		54,583	U
91	0603920D8Z	Humanitarian Demining	04	10,007	10,007		10,007	10,837		10,837	U
92	0603923D8Z	Coalition Warfare	04	10,126	10,126		10,126	10,740		10,740	U
93	0604016D8Z	Department of Defense Corrosion Program	04	3,893	3,893		3,893	3,837		3,837	U
95	0604132D8Z	Missile Defeat Project	04	45,000	185,500		185,500	98,369		98,369	U
97	0604250D8Z	Advanced Innovative Technologies	04	844,870	846,470		846,470	1,175,832		1,175,832	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	3,320	3,320		3,320	3,967		3,967	U
102	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	4,000	4,000		4,000	3,833		3,833	U

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103	0604775D8Z	Defense Rapid Innovation Program	04	250,000							U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,656	2,636	2,636					U
		Advanced Component Development And Prototypes		1,005,790	1,096,620	1,247,220					
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	8,590	10,324	10,324					U
119	0604165D8Z	Prompt Global Strike Capability Development	05	88,660	181,303	181,303					U
122	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	13,774	16,288	16,288					U
126	0605022D8Z	Defense Exportability Program	05	3,165	2,920	2,920					U
127	0605027D8Z	OUS(D) IT Development Initiatives	05	13,457		16,524					U
129	0605075D8Z	DCMO Policy and Integration	05	2,217							U
132	0605140D8Z	Trusted Foundry	05	7,000	69,000	69,000					U
133	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	7,961	9,881	9,881					U
134	0605294D8Z	Trusted & Assured Microelectronics	05								U
136	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	4,289	2,703	2,703					U
137	0305310D8Z	CWMD Systems: System Development and Demonstration	05								U
		System Development And Demonstration		149,113	292,419	308,943					
138	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	5,571	4,678	4,678					U

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Line	Program Element No Number	Item -----	Act	FY 2017 Total PB Requests** with CR Adj Base+OCO+SAA	FY 2017 Total PB Requests* with CR Adj Base + OCO	FY 2017 Less Enacted Div B P.L.114-254** OCO	FY 2017 Remaining Req with CR Adj Base + OCO	FY 2018 Base	FY 2018 OCO	FY 2018 Total	S e c
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103	0604775D8Z	Defense Rapid Innovation Program	04								U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,636	2,636		2,636	2,902		2,902	U
		Advanced Component Development And Prototypes		1,096,620	1,247,220		1,247,220	1,685,375		1,685,375	
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	10,324	10,324		10,324	12,536		12,536	U
119	0604165D8Z	Prompt Global Strike Capability Development	05	181,303	181,303		181,303	201,749		201,749	U
122	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	16,288	16,288		16,288	15,358		15,358	U
126	0605022D8Z	Defense Exportability Program	05	2,920	2,920		2,920	3,162		3,162	U
127	0605027D8Z	OUS(D) IT Development Initiatives	05		16,524		16,524	21,353		21,353	U
129	0605075D8Z	DCMO Policy and Integration	05					2,810		2,810	U
132	0605140D8Z	Trusted Foundry	05	69,000	69,000		69,000				U
133	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	9,881	9,881		9,881	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	2,703	2,703		2,703	3,669		3,669	U
137	0305310D8Z	CWMD Systems: System Development and Demonstration	05					8,230		8,230	U
		System Development And Demonstration		292,419	308,943		308,943	341,821		341,821	
138	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	4,678	4,678		4,678	6,941		6,941	U

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139	0604875D8Z	Joint Systems Architecture Development	06	3,007	4,499	4,499					U
140	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	209,014	219,199	219,199					U
141	0604942D8Z	Assessments and Evaluations	06	127,827	28,706	132,106					U
143	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	39,549	87,080	87,080					U
144	0605104D8Z	Technical Studies, Support and Analysis	06	24,121	23,069	23,069					U
146	0605128D8Z	Classified Program USD(P)	06	115,000							U
147	0605142D8Z	Systems Engineering	06	38,321	32,429	32,429					U
148	0605151D8Z	Studies and Analysis Support - OSD	06	2,696	3,797	3,797					U
149	0605161D8Z	Nuclear Matters-Physical Security	06	5,094	5,302	5,302					U
150	0605170D8Z	Support to Networks and Information Integration	06	5,113	7,246	7,246					U
151	0605200D8Z	General Support to USD (Intelligence)	06	1,686	1,874	10,374					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	2,187	2,187					U
162	0605798D8Z	Defense Technology Analysis	06	15,538	22,650	22,650					U
165	0605804D8Z	Development Test and Evaluation	06	20,749	19,541	19,541					U
168	0606100D8Z	Budget and Program Assessments	06	3,973	4,014	4,014					U

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139	0604875D8Z	Joint Systems Architecture Development	06	4,499	4,499		4,499	4,851		4,851	U
140	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	219,199	219,199		219,199	211,325		211,325	U
141	0604942D8Z	Assessments and Evaluations	06	28,706	132,106		132,106	30,144		30,144	U
143	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	87,080	87,080		87,080	91,057		91,057	U
144	0605104D8Z	Technical Studies, Support and Analysis	06	23,069	23,069		23,069	22,386		22,386	U
146	0605128D8Z	Classified Program USD(P)	06								U
147	0605142D8Z	Systems Engineering	06	32,429	32,429		32,429	37,622		37,622	U
148	0605151D8Z	Studies and Analysis Support - OSD	06	3,797	3,797		3,797	5,200		5,200	U
149	0605161D8Z	Nuclear Matters-Physical Security	06	5,302	5,302		5,302	5,232		5,232	U
150	0605170D8Z	Support to Networks and Information Integration	06	7,246	7,246		7,246	12,583		12,583	U
151	0605200D8Z	General Support to USD (Intelligence)	06	1,874	10,374		10,374	31,451		31,451	U
156	0605502D8Z	Small Business Innovative Research	06								U
161	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,187	2,187		2,187	2,372		2,372	U
162	0605798D8Z	Defense Technology Analysis	06	22,650	22,650		22,650	24,365		24,365	U
165	0605804D8Z	Development Test and Evaluation	06	19,541	19,541		19,541	20,571		20,571	U
168	0606100D8Z	Budget and Program Assessments	06	4,014	4,014		4,014	3,992		3,992	U

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169	0606225D8Z	ODNA Technology and Resource Analysis	06	3,500		1,000					U
170	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	1,888	2,072	2,072					U
175	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	942	916	916					U
178	0305193D8Z	Cyber Intelligence	06	6,567	18,523	18,523					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	34,384	34,384					U
		Management Support		736,881	522,166	635,066					
191	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	21,792	16,195	16,195					U
192	0607310D8Z	CWMD Systems: Operational Systems Development	07	1,832	4,194	4,194					U
208	0303140D8Z	Information Systems Security Program	07	8,649	8,876	8,876					U
227	0305186D8Z	Policy R&D Programs	07	4,131	6,204	6,204					U
228	0305199D8Z	Net Centricity	07	17,532	17,971	17,971					U
237	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,116	2,037	2,037					U
243	0307577D8Z	Intelligence Mission Data (IMD)	07		13,800	13,800					U

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169	0606225D8Z	ODNA Technology and Resource Analysis	06		1,000		1,000	1,000		1,000	U
170	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	2,072	2,072		2,072	2,551		2,551	U
175	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	916	916		916	1,006		1,006	U
178	0305193D8Z	Cyber Intelligence	06	18,523	18,523		18,523				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	34,384	34,384		34,384				U
		Management Support		522,166	635,066		635,066	534,872		534,872	
191	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	16,195	16,195		16,195	10,882		10,882	U
192	0607310D8Z	CWMD Systems: Operational Systems Development	07	4,194	4,194		4,194	7,222		7,222	U
208	0303140D8Z	Information Systems Security Program	07	8,876	8,876		8,876	9,415		9,415	U
227	0305186D8Z	Policy R&D Programs	07	6,204	6,204		6,204	6,526		6,526	U
228	0305199D8Z	Net Centricity	07	17,971	17,971		17,971	18,455		18,455	U
237	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,037	2,037		2,037	2,071		2,071	U
243	0307577D8Z	Intelligence Mission Data (IMD)	07	13,800	13,800		13,800	13,111		13,111	U

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	Operational System Development			56,052	69,277	69,277					
Total Office of Secretary of Defense				3,381,638	3,430,277	3,770,685					

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		Operational System Development	69,277	69,277		69,277	67,682		67,682	
			-----	-----	-----	-----	-----	-----	-----	
		Total Office of Secretary of Defense	3,430,277	3,770,685		3,770,685	4,041,233	25,000	4,066,233	