Department of Defense FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

14 Jan 2016

Appropriation	FY 2015 (Base & OCO)	FY 2016 Base Enacted	FY 2016 OCO Enacted	FY 2016 Total Enacted	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Research, Development, Test & Eval, Army	6,744,134	7,562,170	1,500	7,563,670	7,515,399	100,522	7,615,921
Total Research, Development, Test & Evaluation	6,744,134	7,562,170	1,500	7,563,670	7,515,399	100,522	7,615,921

Department of Defense FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

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Summary Recap of Budget Activities	FY 2015 (Base & OCO)	FY 2016 Base Enacted	FY 2016 OCO Enacted	FY 2016 Total Enacted	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Basic Research	447,868	469,079		469,079	428,943		428,943
Applied Research	964,085	1,092,885		1,092,885	907,574		907,574
Advanced Technology Development	1,089,087	1,127,304		1,127,304	930,065		930,065
Advanced Component Development & Prototypes	298,467	506,123	1,500	507,623	550,635	9,375	560,010
System Development & Demonstration	1,604,756	2,085,147		2,085,147	2,265,094	84,043	2,349,137
RDT&E Management Support	1,166,015	1,070,581		1,070,581	1,136,134		1,136,134
Operational Systems Development	1,173,856	1,211,051		1,211,051	1,296,954	7,104	1,304,058
Total Research, Development, Test & Evaluation	6,744,134	7,562,170	1,500	7,563,670	7,515,399	100,522	7,615,921
Summary Recap of FYDP Programs							,
General Purpose Forces	705,451	779,716		779,716	618,038		618,038
Intelligence and Communications	162,187	171,857		171,857	238,711	7,104	245,815
Research and Development	5,788,542	6,545,639	1,500	6,547,139	6,591,738	93,418	6,685,156
Central Supply and Maintenance	73,419	60,422		60,422	62,287		62,287
Administration and Associated Activities	233						
Classified Programs	14,302	4,536		4,536	4,625		4,625
Total Research, Development, Test & Evaluation	6,744,134	7,562,170	1,500	7,563,670	7,515,399	100,522	7,615,921

Department of the Army FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

14 Jan 2016

Summary Recap of Budget Activities	FY 2015 (Base & OCO)	FY 2016 Base Enacted	FY 2016 OCO Enacted	FY 2016 Total Enacted	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Basic Research	447,868	469,079		469,079	428,943		428,943
Applied Research	964,085	1,092,885		1,092,885	907,574		907,574
Advanced Technology Development	1,089,087	1,127,304		1,127,304	930,065		930,065
Advanced Component Development & Prototypes	298,467	506,123	1,500	507,623	550,635	9,375	560,010
System Development & Demonstration	1,604,756	2,085,147		2,085,147	2,265,094	84,043	2,349,137
RDT&E Management Support	1,166,015	1,070,581		1,070,581	1,136,134		1,136,134
Operational Systems Development	1,173,856	1,211,051		1,211,051	1,296,954	7,,104	1,304,058
Total Research, Development, Test & Evaluation	6,744,134	7,562,170	1,500:	7,563,670	7,515,399	100,522	7,615,921
Summary Recap of PYDP Programs							
General Purpose Forces	705,451	779,716	,	779,716	618,038	0	618,038
Intelligence and Communications	162,187	171,857		171,857	238,711	7,104	245,815
Research and Development	5,788,542	6,545,639	1,500	6,547,139	6,591,738	93,418	6,685,156
Central Supply and Maintenance	73,419	60,422		60,422	62,287		62,287
Administration and Associated Activities	233						
Classified Programs	14,302	4,536		4,536	4,625	•	4,625
Total Research, Development, Test & Evaluation	6,744,134	7,562,170	1,500	7,563,670	7,515,399	100,522	7,615,921

Department of the Army FY 2017 President's Budget Exhibit R-1 FY 2017 President's Budget Total Obligational Authority (Dollars in Thousands)

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Appropriation: 2040A Research, Development, Test & Eval, Army

Program Line Element No Number	Îtem	Act	FY 2015 (Base & OCO)	FY 2016 Base Enacted	FY 2016 OCO Enacted	FY 2016 Total Enacted	FY 2017 Base	FY 2017 OCO	FY 20 Tota		S e c
1 0601101A	In-House Laboratory Independe	nt 01	13,125	13,018		13,018	12,381		12	,381	U
2 0601102A	Defense Research Sciences	01	249,855	279,118		279,118	253,116		253	,116	Ū
3 0601103A	University Research Initiativ	es 01	79,122	72,603		72,603	69,166		69	,166	U
4.0601104A	University and Industry Resea Centers	rch 01	105,766	104,340		104,340	94,280		94	,280	υ
Bas	ic Research		447,868	469,079		469,079	428,943		428	,943	
5 0602105A	Materials Technology	02	45,563	68,314		68,314	31,533		31	,533	IJ
6 0602120A	Sensors and Electronic Surviv	ability 02	45,792	58,374		58,374	36,109		. 36	,109	U
7 0602122A	TRACTOR HIP	02	16,358	6,879		6,879	6,995		6	,995	U
8 0602211A	Aviation Technology	02	62,046	56,884		56,884	65,914		65	,914	U
9 0602270A	Electronic Warfare Technology	. 02	19,333	19,243		19,243	25,466		25	,466	U
10 0602303A	Missile Technology	02	61,144	53,553		53,553	44,313		44	,313	U
11 0602307A	Advanced Weapons Technology	02	37,464	38,028		38,028	28,803		28	,803	U
12 0602308A	Advanced Concepts and Simulat	ion 02	26,505	27,862		27,862	27,688		27	,688	U
13 0602601A	Combat Vehicle and Automotive Technology	02	71,811	98,439		98,439	67,959		67	, 959	U
14 0602618A	Ballistics Technology	02	83,610	117,801		117,801	85,436		85	,436	Ū
15 0602622A	Chemical, Smoke and Equipment Defeating Technology	02	3,865	3,866		3,866	3,923		3	, 923	Ū
16 0602623A	Joint Service Small Arms Prog	ram 02	6,633	5,487		5,487	5,545		5	,545	U
17 0602624A	Weapons and Munitions Technol	ogy 02	62,131	83,340		83,340	53,581		53	,581	U
18 0602705A	Electronics and Electronic De	vices 02	72,442	64,301		64,301	56,322		56	,322	U

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Appropriation: 2040A Research, Development, Test & Eval, Army

Line No	Program Element Number	Item	Act	FY 2015 (Base & OCO)	FY 2016 Base Enacted	FY 2016 OCO Enacted	FY 2016 Total Enacted	FY 2017 Base	FY 2017 OCO	FY 2017 Total	S e c
19	0602709A	Night Vision Technology	02	. 44,694	38,807		38,807	36,079		36,079	U
20	0602712A	Countermine Systems	02	28,597	36,568		36,568	26,497		26,497	U
21	0602716A	Human Factors Engineering Technology	02	23,434	23,681		23,681	23,671		23,671	U
22	0602720A	Environmental Quality Technology	02	15,288	20,850		20,850	22,151		22,151	U
23	0602782A	Command, Control, Communications Technology	02	33,117	36,160		36,160	37,803		37,803	υ
24	0602783A	Computer and Software Technology	02	10,514	12,656		12,656	13,811		13,811	U
25	0602784A	Military Engineering Technology	02	66,582	80,909		80,909	67,416		67,416	U
26	0602785A	Manpower/Personnel/Training Technology	02	21,280	24,735		24,735	26,045.		26,045	U
27	0602786A	Warfighter Technology	02	31,597	39,295		39,295	37,403		37,403	U
28	0602787A	Medical Technology	02	74,285	76,853		76,853	77,111		77,111	U
	Appli	ed Research		964,085	1,092,885		1,092,885	907,574	· .	907,574	
29	0603001A	Warfighter Advanced Technology	03	75,833	55,973		55,973	38,831		38,831	U
30	0603002A	Medical Advanced Technology	03	104,997	108,584		108,584	68,365		68,365	U
31	0603003A	Aviation Advanced Technology	03	99,762	103,136		103,136	94,280		94,280	U
32	0603004A	Weapons and Munitions Advanced Technology	03	72,176	82,663		82,663	68,714		68,714	U
33	0603005A	Combat Vehicle and Automotive Advanced Technology	03	143,606	135,571		135,571	122,132		122,132	U
34	0603006A	Space Application Advanced Technology	03	6,664	5,554		5,554	3,904		3,904	U
35	0603007A	Manpower, Personnel and Training Advanced Technology	03	11,677	12,636		12,636	14,417		14,417	Ü

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Appropriation: 2040A Research, Development, Test & Eval, Army

Program Line Element No Number	Item	Act	FY 2015 (Base & OCO)	FY 2016 Base Enacted	FY 2016 OCO Enacted	FY 2016 Total Enacted	FY 2017 Base	FY 2017 OCO	FY 20: Tota		s e c
36 06030082		03	43,416								U
37 06030092	A TRACTOR HIKE	03	7,492	7,502		7,502	8,074	•	8.	,074	U
38 0603015	Next Generation Training & Simulation Systems	03	16,103	17,425		17,425	18,969		18,	, 969	U
39 06030201	A TRACTOR ROSE	03	14,483	11,912		11,912	11,910		11,	,910	U,
40 0603125	A Combating Terrorism - Technolog Development	у 03	23,334	33,520		33,520	27,686		27,	, 686	U
41 0603130	A TRACTOR NAIL	03	3,440	2,381		2,381	2,340		2,	340	U
42 0603131	A TRACTOR EGGS	0.3	2,406	2,431		2,431	2,470		2,	470	υ
43 0603270	Electronic Warfare Technology	03	27,238	32,874		32,874	27,893		27,	893	υ
44 06033137	Missile and Rocket Advanced Technology	03	78,302	104,449		104,449	52,190		52,	190	Ū
45 0603322	TRACTOR CAGE	03	11,105	10,999		10,999	11,107		11,	107	υ
46 06034612	High Performance Computing Modernization Program	0.3	214,614	222,159		222,159	177,190		177,	190	U
47 0603606 <i>I</i>	Landmine Warfare and Barrier Advanced Technology	03	12,795	13,966		13,966	17,451		17,	451	U
48 0603607	Joint Service Small Arms Program	m 03	7,055	5,105		5,105	5,839		5,	839	U
49 0603710 <i>F</i>	Night Vision Advanced Technology	y 03	46,056	40,929		40,929	44,468		44,	468	U
50 0603728	Environmental Quality Technology Demonstrations	y 03	11,311	14,727		14,727	11,137		11,	137	U
51 06037342	Military Engineering Advanced Technology	03	17,124	26,845		26,845	20,684		20,	684	U
52 0603772A	Advanced Tactical Computer Scienand Sensor Technology	nce 03	38,098	38,147		38,147	44,239		44,	239	U

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Line No	Program Element Number	Item	Act	FY 2015 (Base & OCO)	FY 2016 Base Enacted	FY 2016 OCO Enacted	FY 2016 Total Enacted	FY 2017 Base	FY 2017 OCO	FY 2017 Total	s e c
53	0603794A	C3 Advanced Technology	03		37,816		37,816	35,775		35,775	U
	Advan	ced Technology Development		1,089,087	1,127,304		1,127,304	930,065		930,065	-
54	0603305A	Army Missle Defense Systems Integration	04	25,672	29,347		29,347	9,433		9,433	Ū
55	0603308A	Army Space Systems Integration	04	13,804	25,061		25,061	23,056	9,375	32,431	U
56	0603619A	Landmine Warfare and Barrier - Adv Dev	04		45,757		45,757	72,117		72,117	U
57	0603627A	Smoke, Obscurant and Target Defeating Sys-Adv Dev	. 04		13,426		13,426	28,244		28,244	Ū
58	0603639A	Tank and Medium Caliber Ammunition	04	25,317	46,749	ä	46,749	40,096		40,096	U
59	0603747A	Soldier Support and Survivability	04	8,633	2,801	1,500	4,301	10,506		10,506	U
60	0603766A	Tactical Electronic Surveillance System - Adv Dev	04	9,255	13,472		13,472	15,730		15,730	υ
61	0603774A	Night Vision Systems Advanced Development	04	3,521	7,292		7,292	10,321		10,321	υ
62	0603779A	Environmental Quality Technology - Dem/Val	04	7,529	8,813		8,813	7,785		7,785	Ū
63	0603790A	NATO Research and Development	04	2,839	6,075		6,075	2,300		2,300	U
64	0603801A	Aviation - Adv Dev	04					10,014		10,014	U
65	0603804A	Logistics and Engineer Equipment - Adv Dev	04	13,188	21,233		21,233	20,834		20,834	υ
66	0603807A	Medical Systems - Adv Dev	04	22,825	31,962		31,962	33,503		33,503	U
67	0603827A	Soldier Systems - Advanced Development	04	9,194	22,994		22,994	31,120		31,120	U
68	0604100A	Analysis Of Alternatives	04	9,685	9,805		9,805	6,608		6,608	U

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69	0604114A	Lower Tier Air Missile Defens	e 04					35,132		3	5,132	U
70	0604115A	Technology Maturation Initiat	ives 04	43,083	35,917		35,917	70,047		70	0,047	U
71	0604120A	Assured Positioning, Navigati Timing (PNT)	on and 04	11,447	30,058		30,058	83,279		83	3,279	υ
72	0604319A	Indirect Fire Protection Capa Increment 2-Intercept (IFPC2)	. •	92,475	155,361		155,361					Ū
73	0305251A	Cyberspace Operations Forces Force Support	and 04					40,510	· :	40	,510	U
	Advan	ced Component Development & Pr	ototypes	298,467	506,123	1,500	507,623	550,635	9,375	560	,010	-
74	0604201A	Aircraft Avionics	05	39,583	18,639		18,639	83,248	•	83	3,248	U
75	0604270A	Electronic Warfare Developmen	t 05	5,792	18,843		18,843	34,642		34	,642	U
76	0604280A	Joint Tactical Radio	05	9,454	4,546		4,546					υ
77	0604290A	Mid-tier Networking Vehicular (MNVR)	Radio 05	9,355	8,763		8,763	12,172		12	,172	ŋ.
78	0604321A	All Source Analysis System	05	.5,532	4,309		4,309	3,958	•	3	, 958	U
79	0604328A	TRACTOR CAGE	05	19,929	15,138		15,138	12,525		12	,525	U
80	0604601A	Infantry Support Weapons	05	36,826	89,661		89,661	66,943		66	,943	U
81	0604604A	Medium Tactical Vehicles	05	202								U
82	0604611A	JAVELIN	. 05	4,006	3,945		3,945	20,011		20	,011	Ū
83	0604622A	Family of Heavy Tactical Vehi	cles 05.	12,768				11,429		11	,429	U
84	0604633A	Air Traffic Control	05	17,066	10,076		10,076	3,421		3	,421	U
85	0604641A	Tactical Unmanned Ground Vehi (TUGV)	cle 05	2,663	15,374		15,374	39,282		39	,282	υ

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	Program Element Number	Item	Act	FY 2015 (Base & OCO)	FY 2016 Base Enacted	FY 2016 OCO Enacted	FY 2016 Total Enacted	FY 2017 Base	FY 2017 OCO	FY 2017 Total	s e c
86	0604642A	Light Tactical Wheeled Vehicles	05					494		494	U
87	0604645A	Armored Systems Modernization (ASM) - Eng Dev	05					9,678		9,678	υ
88	0604710A	Night Vision Systems - Eng Dev	05	58,997	67,582		67,582	84,519		84,519	บ
89	0604713A	Combat Feeding, Clothing, and Equipment	05	2,983	1,763		1,763	2,054		2,054	U
90	0604715A	Non-System Training Devices - Eng Dev	05	8,775	27,155		27,155	30,774	33	30,807	U
91	0604741A	Air Defense Command, Control and Intelligence - Eng Dev	05	15,294	34,569		34,569	53,332		53,332	U
92	0604742A	Constructive Simulation Systems Development	05	4,394	23,364		23,364	17,887		17,887	U
93	0604746A	Automatic Test Equipment Development	05	10,685	8,960		8,960	.8,813		8,813	U
94	0604760A	Distributive Interactive Simulations (DIS) - Eng Dev	05	9,699	9,138		9,138	10,487		10,487	υ
95	0604780A	Combined Arms Tactical Trainer (CATT) Core	05	33,422	21,622		21,622	15,068		15,068	U
96	0604798A	Brigade Analysis, Integration and Evaluation	05	82,957	99,242		99,242	89,716		89,716	υ
97	0604802A	Weapons and Munitions - Eng Dev	05	17,312	21,379		21,379	80,365		80,365	U
98	0604804A	Logistics and Engineer Equipment - Eng Dev	05	23,652	46,039		46,039	75,098		75,098	U
99	0604805A	Command, Control, Communications Systems - Eng Dev	05	5,116	2,683		2,683	4,245		4,245	U
100	0604807A	Medical Materiel/Medical Biological Defense Equipment - Eng Dev	05	29,441	45,412		45,412	41,124		41,124	υ
101	0604808A	Landmine Warfare/Barrier - Eng Dev	05	53,579	55,215		55,215	39,630		39,630	U

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	Program Element Number	Item 	Ac	FY 2015 t (Base & OCO)	FY 2016 Base Enacted	FY 2016 OCO Enacted	FY 2016 Total Enacted	FY 2017 Base	FY 2017 OCO	FY 2017 Total	S e c
102	0604818A	Army Tactical Command & Cont. Hardware & Software	rol 0	5 29,690	131,639		131,639	205,590		205,590	Ū
103	0604820A	Radar Development	0	5 5,022	12,309		12,309	15,983		15,983	U
104	0604822A	General Fund Enterprise Busin System (GFEBS)	ness 0	5 5,500	21,155		21,155	6,805		6,805	U
105	0604823A	Firefinder	. 0	5 22,587	2,967		2,967	9,235		9,235	U
106	0604827A	Soldier Systems - Warrior Der	n/Val 0	5 5,942	18,776		18,776	12,393		12,393	U
107	0604854A	Artillery Systems - EMD	. 0	5 1,838	1,953		1,953	1,756		1,756	Ū
108	0605013A	Information Technology Develo	opment 0	5 64,982	60,358		60,358	74,236		74,236	U
109	0605018A	Integrated Personnel and Pay System-Army (IPPS-A)	0	5 - 62,831	121,011		121,011	155,584		155,584	Ū
110	0605028A	Armored Multi-Purpose Vehicle	e (AMPV) 0	5 88,797	226,210		226,210	184,221		184,221	U
111	0605029A	Integrated Ground Security Surveillance Response Capabil (IGSSR-C)	0 lity	5				4,980		4,980	Ū
112	0605030A	Joint Tactical Network Center	(JTNC) 0	5 8,615	13,357		13,357	15,041		15,041	U
113	0605031A	Joint Tactical Network (JTN)	0.	5 17,305	18,055		18,055	16,014		16,014	U
114	0605032A	TRACTOR TIRE	0	5	5,677		5,677	27,254		27,254	U
115	0605033A	Ground-Based Operational Surveillance System - Expedit (GBOSS-E)	0 ionary	5				5,032		5,032	U
116	0605034A	Tactical Security System (TSS	3) 0!	5				2,904		2,904	υ
117	0605035A	Common Infrared Countermeasur (CIRCM)	es 0	5 169,196	101,570		101,570	96,977	10,900	107,877	U
118	0605036A	Combating Weapons of Mass Destruction (CWMD)	0	5				2,089		2,089	U

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Line No	Program Element Number	Item	Act 	FY 2015 (Base & OCO)	FY 2016 Base Enacted	FY 2016 OCO Enacted	FY 2016 Total Enacted	FY 2017 Base	FY 2017 OCO	FY 2017 Total	S e c
119	0605041A	Defensive CYBER Tool Development	05					33,836		33,836	U
120	0605042A	Tactical Network Radio Systems (Low-Tier)	05					18,824		18,824	υ
121	0605047A	Contract Writing System	05					20,663		20,663	U
122	0605051A	Aircraft Survivability Development	05		78,112		78,112	41,133	73,110	114,243	U
123	0605052A	<pre>Indirect Fire Protection Capability Inc 2 - Block 1</pre>	05			•		83,995	·	83,995	U ·
124	0605350A	WIN-T Increment 3 - Full Networking	05	108,851	33,515		33,515				U
125	0605380A	AMF Joint Tactical Radio System (JTRS)	05	6,616	11,455		11,455	5,028		5,028	U
126	0605450A	Joint Air-to-Ground Missile (JAGM)	05	80,585	83,054		83,054	42,972		42,972	U
127	0605456A	PAC-3/MSE Missile	05	33,709	2,272		2,272		**		U ·
128	0605457A	Army Integrated Air and Missile Defense (AIAMD)	05	147,250	222,075		222,075	252,811		252,811	U
129	0605625A	Manned Ground Vehicle	05	47,265	39,247		39,247				U
130	0605626A	Aerial Common Sensor	05	20,328	2		2				U
131	0605766A	National Capabilities Integration (MIP)	05	18,254	10,599		10,599	4,955		4,955	U
132	0605812A	Joint Light Tactical Vehicle (JLTV) Engineering and Manufacturing Development Ph	05	43,302	32,486		32,486	11,530	·	11,530	U
133	0605830A	Aviation Ground Support Equipment	05	9,655	13,880		13,880	2,142		2,142	U
134	0210609A	Paladin Integrated Management (PIM)	05	77,210	152,288		152,288	41,498		41,498	U
135	0303032A	TROJAN - RH12	05	983	5,022		5,022	4,273		4,273	U

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136	0304270A	Electronic Warfare Developmen	t 05	8,961	12,686		12,686	14,425		14,42	5 υ
	Syste	em Development & Demonstration		1,604,756	2,085,147		2,085,147	2,265,094	84,043	2,349,13	7
137	0604256A	Threat Simulator Development	06	21,691	27,535		27,535	25,675		25,67	5 U
138	0604258A	Target Systems Development	06	9,778	16,684		16,684	19,122		19,12	2 U
139	0604759A	Major T&E Investment	06	54,281	66,580		66,580	84,777		84,77	7 U
140	0605103A	Rand Arroyo Center	. 06	19,817	19,382		19,382	20,658		20,65	8 U
141	0605301A	Army Kwajalein Atoll	06	.169,699	203,905		203,905	236,648	·	236,64	8 U
142	0605326A	Concepts Experimentation Prog	ram 06	18,757	19,430		19,430	25,596		25,59	6 U
143	0605502A	Small Business Innovative Res	earch 06	172,658					•		υ
144	0605601A	Army Test Ranges and Faciliti	es 06	271,377	279,896		279,896	293,748	•	293,74	8 U
145	0605602A	Army Technical Test Instrument and Targets	tation 06	43,961	51,550		51,550	52,404		52,40	4 U
146	0605604A	Survivability/Lethality Analy	sis 06	33,210	33,246		33,246	38,571		38,57	1 U
147	0605606A	Aircraft Certification	06	4,667	4,760		4,760	4,665		4,66	5 U
148	0605702A	Meteorological Support to RDT Activities	&E 06	6,289	8,303		8,303	6,925		6,92	5 U
149	0605706A	Materiel Systems Analysis	06	20,578	20,403		20,403	21,677		21,67	7 U
150	0605709A	Exploitation of Foreign Items	0,6	8,418	10,396		10,396	12,415		12,41	5 U
151	0605712A	Support of Operational Testing	g 06	48,953	49,337		49,337	49,684		49,68	4 U
152	0605716A	Army Evaluation Center	06	54,468	52,694		52,694	55,905		55,90	5 U
153	0605718A	Army Modeling & Sim X-Cmd Collaboration & Integ	06	1,081	938		938	7,959		7,95	9 U
154	0605801A	Programwide Activities	06	63,687	60,319		60,319	51,822		51,82	2 U

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155	0605803A	Technical Information Activities	06	28,781	28,478		. 28,478	33,323		33,323	υ _υ
156	0605805A	Munitions Standardization, Effectiveness and Safety	06	62,168	64,604		64,604	40,545		40,545	υ
157	0605857A	Environmental Quality Technology Mgmt Support	06	2,512	3,186		3,186	2,130		2,130	σ
158	0605898A	Management HQ - R&D	06	48,951	48,955		48,955	49,885		49,885	U
159	0303260A	Defense Military Deception Initiative	06					2,000		2,000	υ
160	0909999A	Financing for Cancelled Account Adjustments	06	233							U
	RDT&E	Management Support		1,166,015	1,070,581		1,070,581	1,136,134		1,136,134	-
161	0603778A	MLRS Product Improvement Program	07	17,852	18,397		18,397	9,663		9,663	U
162	0603813A	TRACTOR PULL	07		9,461		9,461	3,960		3,960	U
163	0605024A	Anti-Tamper Technology Support	07					3,638		3,638	U
164	0607131A	Weapons and Munitions Product Improvement Programs	07		4,945		4,945	14,517		14,517	U
165	0607133A	TRACTOR SMOKE	07		7,569		7,569	4,479		4,479	U
166	0607134A	Long Range Precision Fires (LRPF)	07					39,275		39,275	U
167	0607135A	Apache Product Improvement Program	07	86,099	65,562		65,562	66,441		66,441	U
168	0607136A	Blackhawk Product Improvement Program	07	48,406	66,653		66,653	46,765		46,765	ŭ
169	0607137Å	Chinook Product Improvement Program	07	35,424	. 32,407		32,407	91,848		91,848	υ
170	0607138A	Fixed Wing Product Improvement Program	07	819	1,151		1,151	796		796	U
171	0607139A	Improved Turbine Engine Program	07	49,328	51,164		51,164	126,105		126,105	U

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172	0607140A	Emerging Technologies from NIE	07	4,916	2,481		2,481	2,369		2	,369	Ū
173	0607141A	Logistics Automation	07	3,513	1,673		1,673	4,563		4	, 563	ŋ
174	0607665A	Family of Biometrics	07	1,332	13,237		13,237	12,098		12	,098	U
175	0607865A	Patriot Product Improvement	07	57,962	89,816		89,816	49,482		49	,482	U
176	0202429A	Aerostat Joint Project - COCOM Exercise	07	43,248	10,565		10,565	45,482		45	,482	υ
177	0203726A	Adv Field Artillery Tactical Dat System	a 07	1,224							-	Ū
178	0203728A	Joint Automated Deep Operation Coordination System (JADOCS)	07	33,996	35,719		35,719	30,455		30	,455	U
179	0203735A	Combat Vehicle Improvement Progr	ams 07	297,423	354,667		354,667	316,857		316	,857	υ
180	0203740A	Maneuver Control System	07	43,453	15,408		15,408	4,031		4	,031	υ
181	0203744A	Aircraft Modifications/Product Improvement Programs	07	40				35,793		35	,793	U
182	0203752A	Aircraft Engine Component Improvement Program	07	372	3 64		364	259			259	U
183	0203758A	Digitization	07	5,765	4,361		4,361	6,483		6	,483	U
184	0203801A	Missile/Air Defense Product Improvement Program	07	4,917	3,154		3,154	5,122		5	,122	U
185	0203802A	Other Missile Product Improvemen Programs	t . 07	40,468	35,951		35,951	7,491	,	7	,491	U
186	0203808A	TRACTOR CARD	07	19,347	34,686		34,686	20,333		20	, 333	U
187	0205402A	Integrated Base Defense - Operational System Dev	07	4,196	10,750		10,750					U
188	0205410A	Materials Handling Equipment	07	802	402		402	124			124	U

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189	0205412A	Environmental Quality Technology - Operational System Dev	07	270			* .				U
190	0205456A	Lower Tier Air and Missile Defense (AMD) System	07	78,720	64,159		64,159	69,417		69,417	U
191	0205778A	Guided Multiple-Launch Rocket System (GMLRS)	07	43,791	36,727		36,727	22,044		22,044	σ
192	0208053A	Joint Tactical Ground System	07	10,209	20,515		20,515	12,649		12,649	U
194	0303028A	Security and Intelligence Activities	07	12,518	6,998		6,998	11,619		11,619	ΰ
195	0303140A	Information Systems Security Program	07	13,627	31,154		31,154	38,280		38,280	U
196	0303141A	Global Combat Support System	07	5,225	21,574		21,574	27,223		27,223	U
197	0303142A	SATCOM Ground Environment (SPACE)	07	9,978	9,355		9,355	18,815		18,815	U
198	0303150A	WWMCCS/Global Command and Control System	07	2,493	7,034		7,034	4,718		4,718	บ
201	0305179A	Integrated Broadcast Service (IBS)	07		750		750				U
202	0305204A	Tactical Unmanned Aerial Vehicles	07	20,290	13,225		13,225	8,218		8,218	U
203	0305206A	Airborne Reconnaissance Systems	07	÷	22,870	•	22,870	11,799	•	11,799	U
204	0305208A	Distributed Common Ground/Surface Systems	07	20,155	25,592		25,592	32,284		32,284	U
205	0305219A	MQ-1C Gray Eagle UAS	07	46,472				13,470		13,470	U
206	0305232A	RQ-11 UAV	07					1,613		1,613	U
207	0305233A	RQ-7 UAV	07	16,389	11,797		11,797	4,597		4,597	U
208	0307665A	Biometrics Enabled Intelligence	07	1,973					7,104	7,104	U
209	0310349A	Win-T Increment 2 - Initial Networking	07	3,123	3,800		3,800	4,867		4,867	. U

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Line	Program Element			FY 2015	FY 2016	FY 2016	FY 2016	FY 2017	FY 2017	FY 2017	s e
No	Number	Item	Act	(Base & OCO)	Base Enacted	OCO Enacted	Total Enacted	Base	oco	Total	c
210	0708045A	End Item Industrial Prepared Activities	ess 07	73,419	60,422		60,422	62,287		62,28	7 U
9999 999999999 Classified Programs				14,302	4,536		4,536	4,625		4,62	5 U
	Operat	cional Systems Development		1,173,856	1,211,051		1,211,051	1,296,954	7,104	1,304,05	8
Tota	l Research,	Development, Test & Eval, Arm	У	6,744,134	7,562,170	1,500	7,563,670	7,515,399	100,522	7,615,92	1