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**Department of Defense  
Fiscal Year (FY) 2017 Request for Additional Appropriations**

March 2017



**The Joint Staff**

*Defense-Wide Justification Book Volume 5 of 5*

***Research, Development, Test & Evaluation, Defense-Wide***

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The Joint Staff • Request for Additional Appropriations FY 2017 • RDT&E Program

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March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)  
 Exhibit R-1 March Budget Amendment to the FY 2017 President's Budget Request for BASE + Overseas Contingency Operations (OCO)  
 Total Obligational Authority  
 (Dollars in Thousands) 10 Mar 2017

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

Line No	Program Element Number	Item	Act	FY 2017 Remaining PB Request OCO	FY 2017 PB Request wNov Amend Less Enacted PL 114-254 Base+OCO	FY 2017 Mar Amended Request Base+OCO	FY 2017 PB Remaining Base+OCO	S
91	0604826J	Joint C5 Capability Development, Integration and interoperability Assessments	04		23,642		23,642	U
		Advanced Component Development And Prototypes			23,642		23,642	
126	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06		32,759	5,300	38,059	U
143	0204571J	Joint Staff Analytical Support	06		7,464		7,464	U
146	0303166J	Support to Information Operations (IO) Capabilities	06		857		857	U
		Management Support			41,080	5,300	46,380	
161	0208043J	Planning and Decision Aid System (PDAS)	07		3,038		3,038	U
204	0902298J	Management HQ - OJCS	07		826		826	U
		Operational System Development			3,864		3,864	
Total The Joint Staff					68,586	5,300	73,886	

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**Exhibit R-2, RDT&E Budget Item Justification:** Request for Additional Appropriations 2017 The Joint Staff **Date:** March 2017

<b>Appropriation/Budget Activity</b> 0400: Research, Development, Test & Evaluation, Defense-Wide I BA 6: RDT&E Management Support	<b>R-1 Program Element (Number/Name)</b> PE 0605126J I Joint Integrated Air & Missile Defense Organization (JIAMDO)
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COST (\$ in Millions)	Prior Years	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total	FY 2018	FY 2019	FY 2020	FY 2021	Cost To Complete	Total Cost
Total Program Element	307.305	36.230	33.983	38.059	-	38.059	32.581	34.971	34.971	35.570	Continuing	Continuing
P001: Core	100.988	18.913	14.183	14.329	0.000	14.329	9.343	10.271	10.271	10.476	Continuing	Continuing
P002: Homeland	67.544	0.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
P003: Black Dart	19.635	3.404	2.444	3.000	-	3.000	3.000	3.300	3.300	3.366	Continuing	Continuing
P004: Joint Distributed Engineering Plant	14.212	0.036	3.000	2.500	-	2.500	2.738	2.900	2.900	2.958	Continuing	Continuing
P005: Nimble Fire	53.177	8.362	8.000	12.230	-	12.230	12.000	12.500	12.500	12.650	Continuing	Continuing
P006: Cruise Missile Combat Identification (CID)	51.749	5.515	6.356	6.000	-	6.000	5.500	6.000	6.000	6.120	Continuing	Continuing

**A. Mission Description and Budget Item Justification**

The Joint Integrated Air and Missile Defense Organization (JIAMDO) is the organization within the Department of Defense (DoD) chartered to plan, coordinate, and oversee Joint Air and Missile Defense (AMD) requirements, joint operational concepts, and operational architectures. As part of the Joint Staff (JS), JIAMDO supports the Chairman in meeting his Title 10 responsibilities as they relate to air and missile defense issues. JIAMDO serves as the operational community's proponent for characteristics, requirements, and capabilities in air and missile defense, and is the joint air and missile defense resource proponent within the DoD's resource allocation structures. JIAMDO also leads AMD mission and utility analyses, integrates air and missile defense within the Force Protection joint capability area, and conducts evaluations, demonstrations of joint air and missile defense architectures, and provides advocacy for innovative, technically mature and affordable solutions.

JIAMDO has established a close partnership with Combatant Commands (CCMDs) and maintains liaison offices at all major CCMD locations to facilitate coordination of integration issues and requirements. In particular, JIAMDO maintains close coordination with U.S. Strategic Command (USSTRATCOM) in support of ballistic missile defense of the U.S. JIAMDO provides the CJCS and the Joint Requirements Oversight Council the ability to meet statutory responsibilities to review the cost, schedule, and performance criteria of Missile Defense Agency missile defense programs, and assesses the validity of those criteria in relation to national and military requirements. At the request of USSTRATCOM, and at the direction of the CJCS, JIAMDO supports USSTRATCOM in the development of the Air and Missile Defense Prioritized List and the Global Integrated Air and Missile Defense Assessment and analysis of the Ballistic Missile Defense System. JIAMDO supports the USSTRATCOM ballistic missile early warning mission by ensuring operational and technical requirements are integrated into the theater missile warning architecture. JIAMDO also provides direct support to North American Aerospace Defense Command and U.S. Northern Command for homeland air and cruise missile surveillance issues and technical oversight of homeland capability solutions.

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**Exhibit R-2, RDT&E Budget Item Justification:** Request for Additional Appropriations 2017 The Joint Staff **Date:** March 2017

<b>Appropriation/Budget Activity</b> 0400: <i>Research, Development, Test &amp; Evaluation, Defense-Wide I BA 6: RDT&amp;E Management Support</i>	<b>R-1 Program Element (Number/Name)</b> PE 0605126J <i>I Joint Integrated Air &amp; Missile Defense Organization (JIAMDO)</i>
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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2017 Base</b>	<b>FY 2017 OCO</b>	<b>FY 2017 Total</b>
Previous President's Budget	43.176	35.471	27.967	-	27.967
Current President's Budget	36.230	33.983	38.059	-	38.059
Total Adjustments	-6.946	-1.488	10.092	-	10.092
• Congressional General Reductions	-	-0.026			
• Congressional Directed Reductions	-	-1.462			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Additional support to the Nimble Fire effort.	-	-	4.792	-	4.792
• FY2015 Carryover	-6.946	-	-	-	-
• FY17 Amended: Studies and Analysis (JRICM)	-	-	5.300	-	5.300

**Change Summary Explanation**

JIAMDO-Core: The Joint Staff reduced reliance upon contracted advisory and assistance service efforts and increased leverage upon organic (military and federal civilian) labor.

JIAMDO-Homeland: Programs will be near development completion and conducting Military Utility Assessment, which requires live assets and integration development.

JIAMDO-Nimble Fire: Increased effort in FY2017.

AMENDED BUDGET REQUEST JUSTIFICATION: \$5.3 million is required to address emergency warfighting readiness requirements. Joint Regional IAMD Capability Mix (JRICM) II is a DepSecDef and JROC directed Regional IAMD study, directing the Joint Staff, Joint Integrated Air and Missile Defense Organization (JIAMDO), in coordination with USSTRATCOM, USCYBERCOM, Intelligence Communities, Agencies and Services to assess the impact of emerging non-kinetic capabilities to supplement regional IAMD.