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Exhibit R-2, RDT&E Budget Item Justification: PB 2017 The Joint Staff **Date:** February 2016

Appropriation/Budget Activity 0400: <i>Research, Development, Test & Evaluation, Defense-Wide I BA 6: RDT&E Management Support</i>	R-1 Program Element (Number/Name) PE 0605126J <i>I Joint Integrated Air & Missile Defense Organization (JIAMDO)</i>
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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	32.759	-	32.759	32.581	34.971	34.971	35.570	Continuing	Continuing
P001: <i>Core</i>	100.988	18.913	14.183	9.029	-	9.029	9.343	10.271	10.271	10.476	Continuing	Continuing
P002: <i>Homeland</i>	67.544	0.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
P003: <i>Black Dart</i>	19.635	3.404	2.444	3.000	-	3.000	3.000	3.300	3.300	3.366	Continuing	Continuing
P004: <i>Joint Distributed Engineering Plant</i>	14.212	0.036	3.000	2.500	-	2.500	2.738	2.900	2.900	2.958	Continuing	Continuing
P005: <i>Nimble Fire</i>	53.177	8.362	8.000	12.230	-	12.230	12.000	12.500	12.500	12.650	Continuing	Continuing
P006: <i>Cruise Missile Combat Identification (CID)</i>	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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B. Program Change Summary (\$ in Millions)	FY 2015	FY 2016	FY 2017 Base	FY 2017 OCO	FY 2017 Total
Previous President's Budget	43.176	35.471	27.967	-	27.967
Current President's Budget	36.230	33.983	32.759	-	32.759
Total Adjustments	-6.946	-1.488	4.792	-	4.792
• 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	-	-	-	-

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.

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Exhibit R-2A, RDT&E Project Justification: PB 2017 The Joint Staff										Date: February 2016		
Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0605126J / <i>Joint Integrated Air & Missile Defense Organization (JIAMDO)</i>				Project (Number/Name) P001 / <i>Core</i>			
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
P001: <i>Core</i>	100.988	18.913	14.183	9.029	-	9.029	9.343	10.271	10.271	10.476	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

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B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2015	FY 2016	FY 2017
Title: Core	18.913	14.183	9.029
<p>Description: Provides overall staff support for JIAMDO operations in the area of ballistic missile defense, air and cruise missile defense, and homeland defense. This includes performing analyses, demonstrations, and programmatic assessments of technology, operations, requirements, and weapons systems. In coordination with Services and CCMDs, JIAMDO Core also leads the definition, assessment, development, and approval of Joint AMD Operational Concepts, Operational Architectures, and capability requirements to guide the Department's joint/interagency/combined fully integrated and net-centric capable air defense (including defense against cruise missiles, unmanned aerial vehicles, and ballistic missiles). JIAMDO Core also:</p> <ul style="list-style-type: none"> • Develops and integrates joint exercises, simulations, war-games, force resource allocations, and interoperability initiatives • Manages relevant Congressional interaction and CCMD interface through a cadre of liaisons collocated with major headquarters • Directly supports and sponsors homeland air surveillance related demonstration and analysis activities 			

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Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605126J / <i>Joint Integrated Air & Missile Defense Organization (JIAMDO)</i>	Project (Number/Name) P001 / <i>Core</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2015	FY 2016	FY 2017
<ul style="list-style-type: none"> • Runs the AMD Working Group focusing CCMD, Joint Staff, and Service collaboration efforts in the generation of joint concepts and development of the integrated AMD architecture and roadmap • Develops U.S. positions for, and serves as the U.S. representative to the NATO Air and Missile Defense Committee <p>JIAMDO Core also enables strategic planning development, infrastructure, security, travel, administrative, and other support activities. Funding pays for: Contractor Systems Engineering and Technical Assistance (SETA) support for Air & Cruise Missile Defense (ACMD), Ballistic Missile Defense (BMD), Homeland Air Security (HAS) strategic planning, senior level briefings, and JIAMDO white papers, leased office space including all upkeep services, all travel costs for government, and contractor support personnel, including support for Combatant Commander liaison personnel travel, multiple levels of security including lease support for a Joint Worldwide Intelligence Communications System (JWICS) communications line, and Special Compartmented Information (SCI) terminals (due to the classified nature and the diverse content of work in the JIAMDO portfolio), 24-hour physical security force and alarm monitoring, and maintenance, daily on-site security personnel to meet DOD, National Industrial Security Program Operating Manual (NISPOM), and other security regulations, for all administrative and support functions, all associated Information Technology (IT) support, copier purchase and maintenance, as well as basic office supplies and furniture, telephones, telephone lines, classified telephones, and classified/unclassified data connections.</p> <p>FY 2015 Accomplishments: Performed Air and Cruise Missile Defense, and Ballistic Missile Defense directed studies in support of the Chairman (such as the fourth of a series of quantitative performance analysis, the Joint Capability Mix Study IV); provided analytical support into the premier ballistic missile defense wargame, NIMBLE TITAN; addressed critical air and missile defense related issues to NATO; and related program support activities including: contracting, finance, systems engineering and technical assistance, administration, security, communications, leased space and supply. Planned additional reductions in contract advisory and assistance services are projected. Planning will begin on the solicitation of CORE SETA contract.</p> <p>FY 2016 Plans: Perform Air and Cruise Missile Defense, and Ballistic Missile Defense directed studies in support of the Chairman and related program support activities including: contracting, finance, systems engineering and technical assistance, administration, security, communications, leased space and supply. Planned additional reductions in contract advisory and assistance services are projected. Planned award of a new SETA contract is anticipated in 2016.</p> <p>FY 2017 Plans: Continue performing Ballistic Missile Defense directed studies with changes in program support activities as a result of reorganization and office move to the Pentagon. Ancillary support functions such as administrative, security, communications, Information Technology and finance will be provided by the JS. The JS reduced reliance upon contracted assistance service</p>				

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2015	FY 2016	FY 2017
efforts and increased leverage upon organic (military and federal civilian) personnel. Systems Engineering and Technical Assistance contract will still be in place.				
Accomplishments/Planned Programs Subtotals		18.913	14.183	9.029
C. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
D. Acquisition Strategy Not required for Budget Activities 1, 2, 3 and 6.				
E. Performance Metrics				
(1) Support two major Nimble Fire exercises during FY 2016.				
(2) Conduct two Air and Missile Defense Working Groups per month.				
(3) Support U.S. Representative to NATO Air Defense Council (NADC) to include 2 overseas NADC meetings per year.				
(4) Develop and maintain electronic library of current Joint and Service AMD Publications.				
(5) Develop and maintain operational architecture compliance with DoD Architectural Framework (DODAF) standards.				
(6) Ensure 100% of all government employee travel is in accordance with the Joint Federal Travel Regulation/Joint Travel Regulation.				
(7) Maintain all unclassified/classified LANs on a daily basis in accordance with TJS Office of the Chief Information Officer guidance/policy.				
(8) Ensure all computers, NIPRNET/SIPRNET, are refreshed according to J6 policy/guidance.				

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Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0605126J / <i>Joint Integrated Air & Missile Defense Organization (JIAMDO)</i>				Project (Number/Name) P002 / <i>Homeland</i>			
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
P002: <i>Homeland</i>	67.544	0.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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.

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The Homeland program transitioned to a USAF-led Program of Record across the Future Year Defense Program in the beginning of FY 2016. JIAMDO will retain operational and requirements oversight.

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Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0605126J / Joint Integrated Air & Missile Defense Organization (JIAMDO)				Project (Number/Name) P003 / Black Dart			
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
P003: <i>Black Dart</i>	19.635	3.404	2.444	3.000	-	3.000	3.000	3.300	3.300	3.366	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2015	FY 2016	FY 2017
Title: Black Dart	3.404	2.444	3.000
Description: Provides funding to support administration and execution of Black Dart demonstrations. Black Dart is a unique joint, interagency demonstration focusing on rapid development and implementation of Counter - Unmanned Aircraft Systems (CUAS) technology from readily-available commercial and governmental products.			
FY 2015 Accomplishments:			
Executed live-fly, live-free C-Unmanned Aircraft System (C-UAS) technology demonstration to assess and validate existing and emerging IAMD capabilities. The program presented emerging solutions to inform requirements decision-makers. Identified and developed IAMD operational concepts, system interoperability, and operational architectures for C-UAS mission set. Black Dart advocated for warfighters' desired C-UAS capabilities and affordable, integrated solutions. Integrated Combat Command			

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Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605126J / <i>Joint Integrated Air & Missile Defense Organization (JIAMDO)</i>	Project (Number/Name) P003 / <i>Black Dart</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2015	FY 2016	FY 2017
<p>sponsored scenarios, employing an intel-driven mix of threat cruise missile and UAV target surrogates acting in concert, which enabled CCMDs to make real-time changes to Tactics, Techniques, and Procedures TP/C2 based on Black Dart results. The program integrated numerous Joint Test and Demonstrations into one even to including: Joint Multi-Platform Advanced Combat ID JCTD; Cyber Capabilities for USAF; Electronic Attack Development; and Laser Negation System Development. Developed TTPs and conducted weapons system analyses for AH-1Z, UH-1Y, EA-18G, EC-130H, AWACS, MH-60R/S, EC-130H, and RC-135.</p> <p>FY 2016 Plans: Continued FY 2015 plans including: Demonstrate UAS capabilities to employ within visual range (WVR) and beyond visual range (BVR) weapons in a counter-UAS, counter-air, and counter-cruise missile role. Expand the breadth, complexity, and integration of cyber capabilities.</p> <p>FY 2017 Plans: Demonstrate UAS capabilities to employ within visual range and beyond visual range weapons in a counter-UAS, counter-air, and counter-cruise missile role. Expand the breadth, complexity, and integration of additional non-kinetic capabilities to include electronic and cyber effects. To the maximum extent possible, include foreign partner system and personnel participation.</p>				
Accomplishments/Planned Programs Subtotals		3.404	2.444	3.000
C. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				
D. Acquisition Strategy				
Not required for Budget Activities 1, 2, 3 and 6.				
E. Performance Metrics				
(1) Complete events within schedule and budget. Events provide useful data to improve C-UAS capability.				
(2) Document gaps, develop and substantiate hardware, software, and employment concepts.				
(3) Field C-UAS capability.				

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Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0605126J / Joint Integrated Air & Missile Defense Organization (JIAMDO)				Project (Number/Name) P004 / Joint Distributed Engineering Plant			
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
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
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2015	FY 2016	FY 2017
Title: Joint Distributed Engineering Plant (JDEP)	0.036	3.000	2.500
Description: Conducted a joint test event to assess the interoperability of joint, integrated air and missile defense weapon systems that leveraged commercial-off-the-shelf (COTS) Networks to perform Joint Integrated Fire Control. This effort provided users the means to create family-of-system (FoS) environments by linking existing capabilities using hardware, software, and operators in a live-fly environment.			
FY 2015 Accomplishments: JDEP conducted an appropriate distributed test event to assess the interoperability of coalition, joint, integrated air and missile defense weapons systems. The program provided users the means to create FoS environments by linking existing capabilities			

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B. Accomplishments/Planned Programs (\$ in Millions)		FY 2015	FY 2016	FY 2017
<p>using hardware, software, and operator-in-the-loop. Link existing Coalition, Service and Joint combat system engineering and test sites via distributed communications. Reduce developmental cycle times by leveraging existing facilities.</p> <p>Extremely positive results from the earlier four Coalition Correlation / Decorrelation Interoperability Testing (C/DIT) events were the basis for extending the International Project Arrangement (PA) between the DoD OUSD (AT&L) / JCS and United Kingdom MoD, out to FY 2019 in PA Amendment One.</p> <p>High Level Objectives (HLO) since these test events began in FY 2010:</p> <p>(HLO #1) Assess Correlation / Decorrelation Interoperability of Link-16 systems under the STANAG 5516 Ed 4 and MILSTD 6016E for the U.S. Navy's E-2C, U.S. Army's Patriot Missile System and United Kingdom Royal Air Force E-3D (AWACS).</p> <p>(HLO #2) Assess STANAG 5602 Ed 3 interoperability between the U.S. & U.K. platforms using their SIMPLE protocol communication devices Common Connectivity Device (CCD) for the U.S. E-2C Hawkeye and U.S. Patriot and the Multi-Link Test Facility (MLTF) for the U.K. AWACS E-3D.</p> <p>(HLO #3) Provide input to Tactics, Techniques and Procedures (TTPs) and Capabilities & Limitations (CAPS&LIMS) to fielded tactical software.</p> <p>(HLO #4) Assess interoperability Correlation / Decorrelation performance and impact when operating with Coalition units.</p> <p>(HLO #5) Verify network architecture is capable of providing an adequate infrastructure to meet the other C/DIT event objectives.</p> <p>FY 2016 Plans: Fund an appropriate joint distributed test event to assess the interoperability of joint, integrated air and missile defense weapons systems. Provide users the means to create FoS environments by linking existing capabilities using hardware, software, and operator-in-the-loop. Link existing Service and Joint combat system engineering and test sites via distributed communications. Reduce developmental cycle times by leveraging existing facilities.</p> <p>FY 2017 Plans: Expand on the FY 2016 Joint JDEP C/DIT-16 / AGILE FIRE event results by expanding and including the entire IAMD architecture Link-16 hardware-in-the-loop FoS platforms in a robust USFK IAMD operational scenario.</p>				
Accomplishments/Planned Programs Subtotals		0.036	3.000	2.500

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C. Other Program Funding Summary (\$ in Millions) N/A		
Remarks		
D. Acquisition Strategy Not required for Budget Activities 1, 2, 3 and 6.		
E. Performance Metrics (1) Each JDEP event develops measures of effectiveness (MOE) & measures of performance (MOP) based on an eighteen month test planning and event process. (2) Complete events within schedule and budget. (3) Events provide useful data to improve Air Missile Defense interoperability, with implemented and recommended corrective changes. (4) Events must be linked to the current approved IAMD Architecture, provide joint benefit, contribute to Joint Interoperability, and address IAMD ICD capability gaps.		

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Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605126J / Joint Integrated Air & Missile Defense Organization (JIAMDO)	Project (Number/Name) P005 / Nimble Fire
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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
P005: <i>Nimble Fire</i>	53.177	8.362	8.000	12.230	-	12.230	12.000	12.500	12.500	12.650	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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 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.

B. Accomplishments/Planned Programs (\$ in Millions)

Title: JIAMDO Nimble Fire	FY 2015	FY 2016	FY 2017
Description: The Department's only joint integrated air and missile defense operator-in-the-loop simulation that is comprised of current and future land, sea, and air weapon systems representing each of the Services AMD capabilities. Enhances air and missile defense capability through the exploration of joint concepts and capabilities using current and future IAMD systems exercised by highly experienced operators against an integrated threat and providing quantifiable data that supports senior leadership within the Department of Defense, Combatant Commanders, and the Services.	8.362	8.000	12.230
FY 2015 Accomplishments: - Funded and executed two (2) Joint virtual simulation events and directly supported two (2) Service and Program Office sponsored events,			

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Exhibit R-2A, RDT&E Project Justification: PB 2017 The Joint Staff		Date: February 2016
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605126J / <i>Joint Integrated Air & Missile Defense Organization (JIAMDO)</i>	Project (Number/Name) P005 / <i>Nimble Fire</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
<ul style="list-style-type: none"> - Continued to provide and improve simulation environment and capabilities which enable Joint Force to integrate IAMD capabilities in accordance with the Chairman's Joint IAMD Vision 2020, - Improved blue force systems and capabilities to represent projected FYDP +2 upgrades, - Partnered with USSTRATCOM to improve overall Electronic Warfare capabilities, - Collaborated with AMRAAM project office to standardize modeling of air-to-air missiles on all U.S. Navy and U.S. Air Force weapon systems, - Integrated 4 additional Joint Strike Fighter simulations to better explore Joint interoperability, - Continued to investigate future gateway concept contributions to Joint IAMD, - Strengthened ties with intelligence community (e.g., Office of Naval Intelligence, Missile and Space Intelligence Center, and National Air and Space Intelligence Center) for improved threat representation, - Explored the impacts of Electronic Attack, emerging CONOPS/TTP's, offensive cyber operations, and Integrated Fire Control to the IAMD mission area, - Additional details are classified. <p>FY 2016 Plans: Fund and execute at least 2 Joint events and provide direct support for up to 3 Service, MDA or COCOM sponsored events.</p> <p>Continue to improve overall environment capabilities exploring all aspects of the Chairman's Joint IAMD Vision 2020.</p> <p>Continue to improve blue force systems and capabilities to represent projected FYDP+2 upgrades.</p> <p>Continue to investigate future gateway concept contributions to Joint IAMD.</p> <p>Continue to strengthen ties with intelligence community (e.g., ONI, MSIC, NASIC) for improved threat representation.</p>			

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Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605126J / <i>Joint Integrated Air & Missile Defense Organization (JIAMDO)</i>	Project (Number/Name) P005 / <i>Nimble Fire</i>		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2015	FY 2016	FY 2017
<p>Enhance overall Infrared (IR) capabilities.</p> <p>Explore the impacts of Electronic Attack, emerging CONOPS/TTP's, offensive cyber operations, and Integrated Fire Control to the IAMD mission area.</p> <p>Explore classified joint force capabilities and the associated impact to IAMD.</p> <p>FY 2017 Plans:</p> <ul style="list-style-type: none"> - Fund and execute (2) Joint events and provide support for up to three (3) Service, MDA, or CCMD sponsored events, - Improve blue force systems and capabilities to represent projected FYDP +5 upgrades, - Partner with USAF IAMD Cyber Lead and USCYBERCOM to improve modeling of offensive and defensive cyber effects in the simulated environment, - Explore, develop, and improve upon the space-layer in the environment and its contribution to Joint IAMD, - Explore Left-Of-Launch and other Non-Kinetic Effects and their impact on Joint IAMD, - Continue to investigate future gateway concept contributions to Joint IAMD, - Continue development and exploration of impacts of Electronic Attack, emerging CONEMPS/TTP's, and Integrated Fire Control to IAMDO mission area, - Explore classified joint force capabilities and associated impact to IAMD, - Additional details are classified. 				
Accomplishments/Planned Programs Subtotals		8.362	8.000	12.230
C. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				

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Exhibit R-2A, RDT&E Project Justification: PB 2017 The Joint Staff		Date: February 2016
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605126J / Joint Integrated Air & Missile Defense Organization (JIAMDO)	Project (Number/Name) P005 / Nimble Fire

D. Acquisition Strategy

Not required for Budget Activities 1, 2, 3 and 6.

E. Performance Metrics

- (1) Complete events within schedule and budget.
- (2) Document gaps and shortfalls.
- (3) Inform the Joint Capabilities Board (JCB) on results and findings.
- (4) Specific details are classified.

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Exhibit R-2A, RDT&E Project Justification: PB 2017 The Joint Staff										Date: February 2016		
Appropriation/Budget Activity 0400 / 6					R-1 Program Element (Number/Name) PE 0605126J / Joint Integrated Air & Missile Defense Organization (JIAMDO)			Project (Number/Name) P006 / Cruise Missile Combat Identification (CID)				
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
P006: <i>Cruise Missile Combat Identification (CID)</i>	51.749	5.515	6.356	6.000	-	6.000	5.500	6.000	6.000	6.120	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

A. Mission Description and Budget Item Justification

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B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2015	FY 2016	FY 2017
Title: Cruise Missile Combat Identification (CID)	5.515	6.356	6.000
Description: Develops joint Counterair Combat Identification technology, and positions it for fielding on front-line weapon systems. Monitors, assesses, and enhances joint AMD Combat ID programs.			
FY 2015 Accomplishments: Details of this program are classified.			
FY 2016 Plans: Details of this program are classified.			
FY 2017 Plans:			

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Exhibit R-2A, RDT&E Project Justification: PB 2017 The Joint Staff		Date: February 2016
Appropriation/Budget Activity 0400 / 6	R-1 Program Element (Number/Name) PE 0605126J / <i>Joint Integrated Air & Missile Defense Organization (JIAMDO)</i>	Project (Number/Name) P006 / <i>Cruise Missile Combat Identification (CID)</i>

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2015	FY 2016	FY 2017
Details of this program are classified.			
Accomplishments/Planned Programs Subtotals	5.515	6.356	6.000

C. Other Program Funding Summary (\$ in Millions)

N/A

Remarks

D. Acquisition Strategy

Not required for Budget Activities 1, 2, 3 and 6.

E. Performance Metrics

Details of this program are classified.

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