

UNCLASSIFIED

PE NUMBER: 0605452F
 PE TITLE: Joint SIAP Program Executive Office

Exhibit R-2, RDT&E Budget Item Justification	DATE May 2009
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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)	PE NUMBER AND TITLE 0605452F Joint SIAP Program Executive Office
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Cost (\$ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	0.000	0.000	34.877	0.000	0.000	0.000	0.000	0.000	Continuing	TBD
5370 Joint SIAP Program Executive Office	0.000	0.000	34.877	0.000	0.000	0.000	0.000	0.000	Continuing	TBD

This is a new PE for FY10. In FY10, Joint Program Executive Office (JPEO) Single Integrated Air Picture (SIAP) funding was transferred from Air Force Program Element 0207451F, Single Integrated Air Picture (SIAP), Joint SIAP Engineering and Development, to Air Force Program Element 0605452F, Joint Program Executive Office (JPEO) SIAP, in accordance with Department of Defense designation of the Air Force as the SIAP Acquisition Executive. As a result, funding was placed in the JPEO SIAP line for ongoing development of the Joint Track Manager (JTM) in FY10. The Quadrennial Defense Review (QDR) Analysis will assess the path forward by leveraging existing SIAP technologies and the Cooperative Engagement Capability (CEC) and Tactical Component Network (TCN) programs.

(U) A. Mission Description and Budget Item Justification

The Single Integrated Air Picture (SIAP) was a Joint Requirements Oversight Council (JROC) validated collaborative enterprise Special Interest Program, comprising multiple engineering and acquisition programs in each of the Services, all linked by a joint engineering and development organization. The Joint Program Executive Office (JPEO) Single Integrated Air Picture (SIAP) integrates the Joint product with Service combat systems creating a Joint System of Systems (SoS) capability for the warfighter. The JPEO SIAP provides the joint system engineering oversight to establish horizontal integration of systems to generate accurate, consistent and timely information for the theater-wide Common Tactical Picture (CTP). The JPEO SIAP provides oversight and management of the SIAP program for the SIAP Acquisition Executive (AE). Specific management areas include research, development, and testing of the Joint Track Manager, conduct of Joint SoS engineering, and oversight of Joint integration and development.

The core set of SIAP SoS requirements are outlined in the SIAP Capability Development Document (CDD) generated by US Joint Forces Command and validated by the JROC in Sep 2007. The SIAP CDD requirement will be achieved through the development and implementation of the SIAP SoS.

Based on guidance from the Secretary of Defense, the JPEO SIAP has been directed to continue to oversee the ongoing development of the Joint Track Manager (JTM) for the Services. The Army Integrated Air and Missile Defense (AIAMD) program and the Navy Aegis Modernization (AMOD) program are two lead programs working the incremental architecture approach for the JTM. The JTM will leverage existing technologies combined with current systems and contracts to provide an enhanced capability for the warfighter in the area of Joint Integrated Air and Missile Defense. Working collaboratively with the Services, the JPEO will oversee the ongoing development of a JTM capability to support the warfighter and to support the Quadrennial Defense Review (QDR).

Activities also include studies and analysis to support both current program planning and execution and future program planning. These activities are in Budget Activity 5 (System Development and Demonstration) because they support mature systems development and integration solutions.

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0605452F Joint SIAP Program Executive Office

(U) **B. Program Change Summary (\$ in Millions)**

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Previous President's Budget	0.000	0.000	0.000
(U) Current PBR/President's Budget	0.000	0.000	34.877
(U) Total Adjustments	0.000	0.000	
(U) Congressional Program Reductions			
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer			

(U) **Significant Program Changes:**

In FY10, the Joint funds in AF PE 0207451F were transferred to AF PE 0605452F, Project 5370, Joint Program Executive Office (JPEO) Single Integrated Air Picture (SIAP), for the ongoing development of the Joint Track Manager (JTM) capability for the warfighter.

Exhibit R-2a, RDT&E Project Justification

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Cost (\$ in Millions)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost to Complete	Total
5370 Joint SIAP Program Executive Office	0.000	0.000	34.877	0.000	0.000	0.000	0.000	0.000	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

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Activities also include studies and analysis to support both current program planning and execution and future program planning. These activities are in Budget Activity 5 (System Development and Demonstration) because they support mature systems development and integration solutions.

(U) B. Accomplishments/Planned Program (\$ in Millions)

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Joint Track Manager Engineering and Development	0.000	0.000	25.000
(U) Joint Track Manager Testing	0.000	0.000	9.273
(U) JPEO Managment	0.000	0.000	0.604
(U) Total Cost	0.000	0.000	34.877

Exhibit R-2a, RDT&E Project Justification

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

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>Cost to Complete</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>								
(U) PE 0207451F, RDT&E, AF	0.000	63.867	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
(U) PE 0603327A, RDT&E, A	0.000	1.296	4.536	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(U) D. Acquisition Strategy

The JTM will continue ongoing development in FY10 to implement capability into Service combat systems and provide a Joint single integrated air picture.

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Exhibit R-3, RDT&E Project Cost Analysis

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05 System Development and Demonstration (SDD)				0605452F Joint SIAP Program Executive Office					5370 Joint SIAP Program Executive Office			
(U) Cost Categories (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method & Type</u>	<u>Performing Activity & Location</u>	<u>Total Prior to FY 2008 Cost</u>	<u>FY 2008 Cost</u>	<u>FY 2008 Award Date</u>	<u>FY 2009 Cost</u>	<u>FY 2009 Award Date</u>	<u>FY 2010 Cost</u>	<u>FY 2010 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
(U) <u>Product Development</u>												
Joint Track Manager Engineering		Various		0.000		0.000		25.000	Apr-10	Continuing	TBD 0.000 0.000	TBD
Subtotal Product Development			0.000	0.000		0.000		25.000		Continuing	TBD	TBD
Remarks:												
(U) <u>Support</u>												
Subtotal Support			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) <u>Test & Evaluation</u>												
Joint Track Manager Testing	Various	Various		0.000		0.000		9.273	Apr-10	Continuing	TBD 0.000 0.000	TBD
Subtotal Test & Evaluation			0.000	0.000		0.000		9.273		Continuing	TBD	TBD
Remarks:												
(U) <u>Management</u>												
JPEO Management	Various	Various		0.000		0.000		0.604			0.604	
Subtotal Management			0.000	0.000		0.000		0.604		0.000	0.604	0.000
Remarks:												
(U) Total Cost			0.000	0.000		0.000		34.877		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

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05 System Development and Demonstration (SDD)

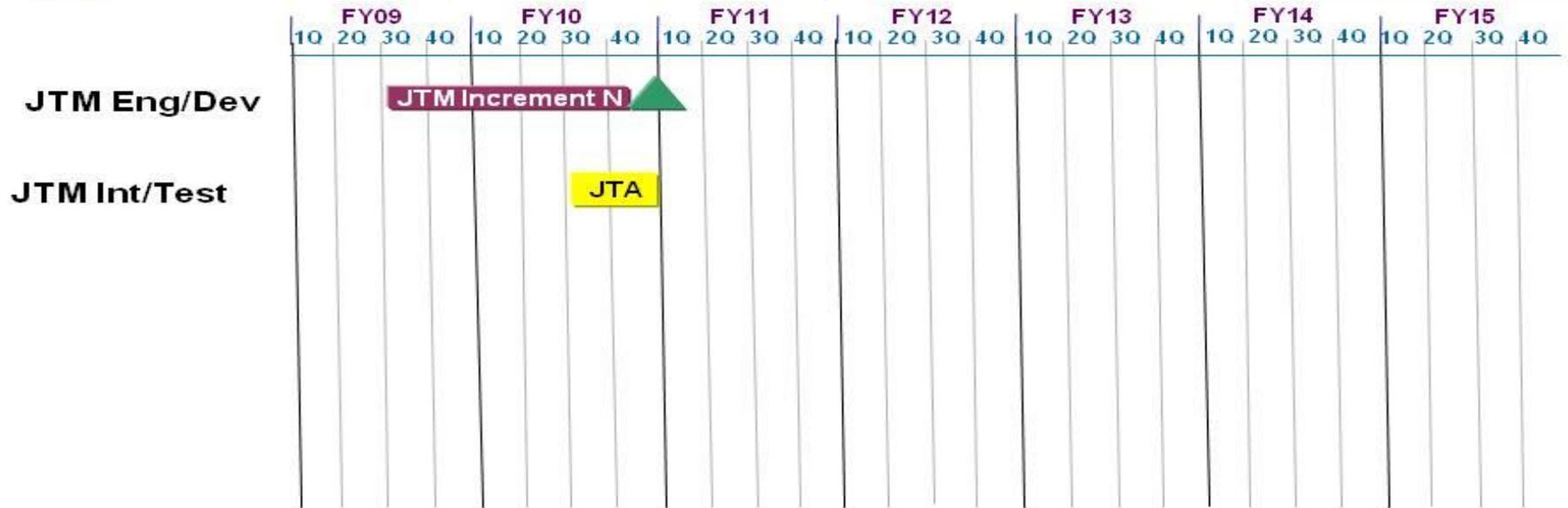
PE NUMBER AND TITLE
0605452F Joint SIAP Program
Executive Office

PROJECT NUMBER AND TITLE
5370 Joint SIAP Program Executive
Office

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JPEO JTM Schedule



	Concept Activities		Design/Development		Integration/Test
	Production/Fielding		Pre-Production		Key Events

PB10 R-Docs

Depicted by installation/production flow

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4/15/2009

Project 5370

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Exhibit R-4 (PE 0605452F)

Exhibit R-4a, RDT&E Schedule Detail	DATE May 2009
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(U) <u>Schedule Profile</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Joint Track Manager Engineering and Development			1-4Q
(U) Joint Track Manager Test			3-4Q

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