

UNCLASSIFIED

PE NUMBER: 0207418F
 PE TITLE: TAC AIRBORNE CONTROL SYSTEM

Exhibit R-2, RDT&E Budget Item Justification	DATE May 2009
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BUDGET ACTIVITY 07 Operational System Development	PE NUMBER AND TITLE 0207418F TAC AIRBORNE CONTROL SYSTEM
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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	3.366	1.526	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD
5234 TACP Support	3.366	1.526	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD

(U) A. Mission Description and Budget Item Justification

The Joint Terminal Control Training and Rehearsal System (JTC TRS) project under the Tactical Airborne Control System funds developments necessary to provide Distributed Mission Operations (DMO) capable high-fidelity Joint Terminal Attack Controller (JTAC), and Combat Control Team (CCT) training and rehearsal system. Provides development funding to enable connectivity to DMO networks to allow geographically separated high-fidelity close air support platforms and JTACs/CCT teams to train together. Develops a system that will enable operators to conduct Joint Close Air Support (JCAS) training/mission rehearsal using tailored, dynamic scenarios that are relevant to mission tasking and capable of providing air traffic control training for CCT using tactical application of austere airbase operations. Using a system of systems approach JTC TRS provides incremental development to network in Increment 1 to aircrew full mission trainers and mission training centers, and by Increment 2, to Air Support Operations Centers (ASOCs) for Joint Tactical Air Strike Requests and air-ground coordination of Joint fires. Its primary focus is to provide a persistent total air-ground virtual training environment for networked air ground training and mission rehearsal capability that will develop both JTAC/CCT skills and train those air crews assigned to accomplish complex JCAS missions in close proximity to ground forces. Provides research and development to facilitate interoperability with joint/sister Service air ground simulation using industry standards.

This program is in Budget Activity 7, Operational System Development, because it updates and develops capabilities for current operational systems.

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

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Previous President's Budget	3.366	1.530	
(U) Current PBR/President's Budget	3.366	1.526	
(U) Total Adjustments	0.000	-0.004	
(U) Congressional Program Reductions			
Congressional Rescissions		-0.004	
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer			
(U) <u>Significant Program Changes:</u>			

Exhibit R-2a, RDT&E Project Justification

DATE
May 2009

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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
5234 TACP Support	3.366	1.526	0.000	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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(U) B. Accomplishments/Planned Program (\$ in Millions)

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Continue development of high-fidelity simulation system for JTAC/CCT Training	3.366	1.526	
(U) Total Cost	3.366	1.526	0.000

(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</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Complete</u>							
(U) PE 0207418F, TAC Airborne Control System, Other Procurement , AF	0.000	7.333	7.810	27.509	21.545	9.481	3.519	3.557	Continuing	TBD
(U) PE 0207418F, TAC Airborne Control System, O&M , AF	0.300	0.000	1.569	2.909	4.661	4.817	4.839	5.203	Continuing	TBD

(U) D. Acquisition Strategy

The acquisition strategy will be based on a Small Business Set Aside to develop a Production Representative Article (PRA) with the required documentation to immediately compete a production contract through a yet to be determined (small business or full and open) approach. The PRA and first production lot will constitute Increment 1 which will allow JTAC/CCT teams to network to aircrew full mission trainers and mission training centers. Future increments will be incorporated as

Exhibit R-2a, RDT&E Project Justification

DATE

May 2009

BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0207418F TAC AIRBORNE CONTROL SYSTEM

PROJECT NUMBER AND TITLE

5234 TACP Support

funding and technology allow.

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis

DATE

May 2009

BUDGET ACTIVITY				PE NUMBER AND TITLE					PROJECT NUMBER AND TITLE			
07 Operational System Development				0207418F TAC AIRBORNE CONTROL SYSTEM					5234 TACP Support			
(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> 677 AESG AFMC		677 AESG AFMC, Wright Patterson AFB, OH	2.887	3.366		0.200	Mar-10			Continuing	TBD	TBD
Subtotal Product Development			2.887	3.366		0.200		0.000		Continuing	TBD	TBD
Remarks:												
(U) <u>Support</u>										Continuing	TBD	TBD
Subtotal Support			0.000	0.000		0.000		0.000		Continuing	TBD	TBD
Remarks:												
(U) <u>Test & Evaluation</u> 605 TES ACC		605 TES/TXT ACC, Eglin AFB FL	0.000	0.000		0.200	Jan-09		0.000	Continuing	TBD	TBD
Subtotal Test & Evaluation			0.000	0.000		0.200		0.000		Continuing	TBD	TBD
Remarks:												
(U) <u>Management</u> Program Office Support		677 AESG AFMC, Wright Patterson AFB, OH	0.479			1.126				Continuing	TBD	TBD
Subtotal Management			0.479	0.000		1.126		0.000		Continuing	TBD	TBD
Remarks:												
(U) Total Cost			3.366	3.366		1.526		0.000		Continuing	TBD	TBD

Exhibit R-4, RDT&E Schedule Profile

DATE

May 2009

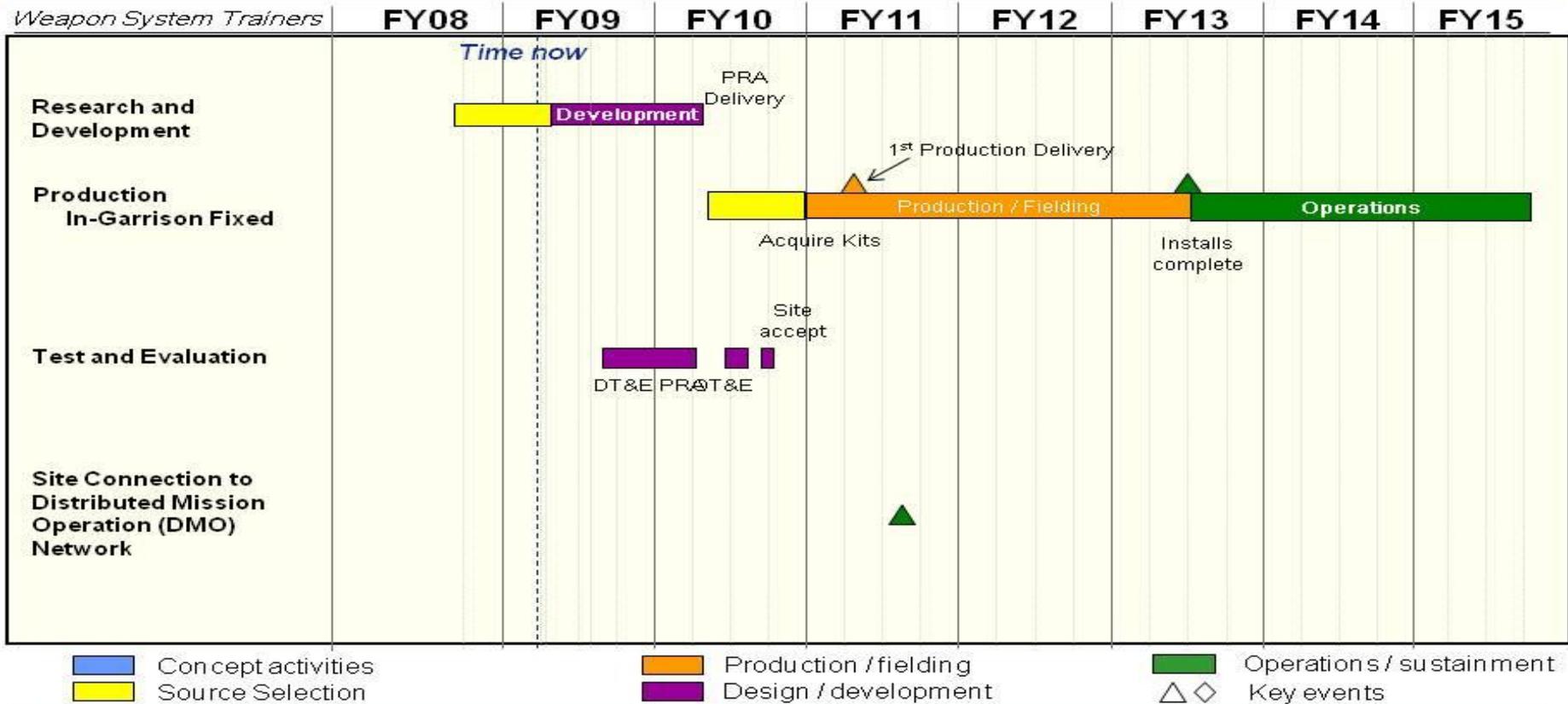
BUDGET ACTIVITY
07 Operational System Development

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0207418F TAC AIRBORNE CONTROL SYSTEM

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5234 TACP Support



Joint Terminal Control Training/Rehearsal System (JTC TRS)



FY09 Staffer Brief

Exhibit R-4a, RDT&E Schedule Detail

DATE

May 2009

BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0207418F TAC AIRBORNE CONTROL SYSTEM

PROJECT NUMBER AND TITLE

5234 TACP Support

(U) Schedule Profile

FY 2008

FY 2009

FY 2010

(U) JTC TRS In-garrison/Fixed Development

1-4Q

(U) JTC In-garrison/Fixed I/OT& E

4Q

(U) JTC In-garrison/Fixed Delivery

1Q