

UNCLASSIFIED

PE NUMBER: 0303112F

PE TITLE: AIR FORCE COMMUNICATIONS

Exhibit R-2, RDT&E Budget Item Justification

DATE

May 2009

BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0303112F AIR FORCE COMMUNICATIONS

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	2.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4787 Information Systems	2.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

(U) **A. Mission Description and Budget Item Justification**

Air Force Communications Agency's Airborne Networking Integration effort horizontally synchronizes existing and future airborne networking (AN) projects with mission priorities to deliver enhanced combat capability and transform to net-centric warfare. This project is in Budget Activity 07, Operational System Development, because it addresses integration and transition of airborne networking capabilities to a network-centric environment.

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

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Previous President's Budget	2.009	0.000	
(U) Current PBR/President's Budget	2.009	0.000	0.000
(U) Total Adjustments	0.000	0.000	
(U) Congressional Program Reductions			
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer			
(U) <u>Significant Program Changes:</u>			

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Exhibit R-2 (PE 0303112F)

Exhibit R-2a, RDT&E Project Justification

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PE NUMBER AND TITLE

0303112F AIR FORCE
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PROJECT NUMBER AND TITLE

4787 Information Systems

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
4787 Information Systems	2.009	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) **A. Mission Description and Budget Item Justification**

Air Force Communications Agency's Airborne Networking Integration effort horizontally synchronizes existing and future airborne networking (AN) projects with mission priorities to deliver enhanced combat capability and transform to net-centric warfare. This project is in Budget Activity 07, Operational System Development, because it addresses integration and transition of airborne networking capabilities to a network-centric environment.

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

	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
(U) Initiate/continue capabilities-based end-to-end enterprise services and mission thread analysis	1.000		
(U) Initiate/continue modeling & simulation of airborne networking capabilities to tactical Edge	1.009		
(U) Initiate analysis/development/fielding of common GEP			
(U) Total Cost	2.009	0.000	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>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) Not applicable										

(U) **D. Acquisition Strategy**

Common GiG Entry Point development and Tactical Edge Services development. Fee-for-service entities such as DARPA & ESC will provide analysis and engineering support.

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Exhibit R-3, RDT&E Project Cost Analysis

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(U) <u>Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract</u> <u>Method &</u> <u>Type</u>	<u>Performing</u> <u>Activity &</u> <u>Location</u>	<u>Total</u> <u>Prior to FY</u> <u>2008</u> <u>Cost</u>	<u>FY 2008</u> <u>Cost</u>	<u>FY 2008</u> <u>Award</u> <u>Date</u>	<u>FY 2009</u> <u>Cost</u>	<u>FY 2009</u> <u>Award</u> <u>Date</u>	<u>FY 2010</u> <u>Cost</u>	<u>FY 2010</u> <u>Award</u> <u>Date</u>	<u>Cost to</u> <u>Complete</u>	<u>Total Cost</u>	<u>Target Value</u> <u>of Contract</u>
(U) <u>Product Development</u>												
Subtotal Product Development			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) <u>Support</u>												
Engineering /Analysis & Tactical Edge Services	MIPR	DARPA	0.000	2.009	Oct-31	0.000				Continuing	TBD	TBD
Subtotal Support			0.000	2.009		0.000		0.000		Continuing	TBD	TBD
Remarks:												
(U) <u>Test & Evaluation</u>												
GiG Entry Points	MIPR	ESC Hanscom AFB, MA	0.000	0.000		0.000				Continuing	TBD	TBD
Subtotal Test & Evaluation			0.000	0.000		0.000		0.000		Continuing	TBD	TBD
Remarks:												
(U) <u>Management</u>												
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) Total Cost			0.000	2.009		0.000		0.000		Continuing	TBD	TBD

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Project 4787

Exhibit R-3 (PE 0303112F)

Exhibit R-4, RDT&E Schedule Profile

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BUDGET ACTIVITY

07 Operational System Development

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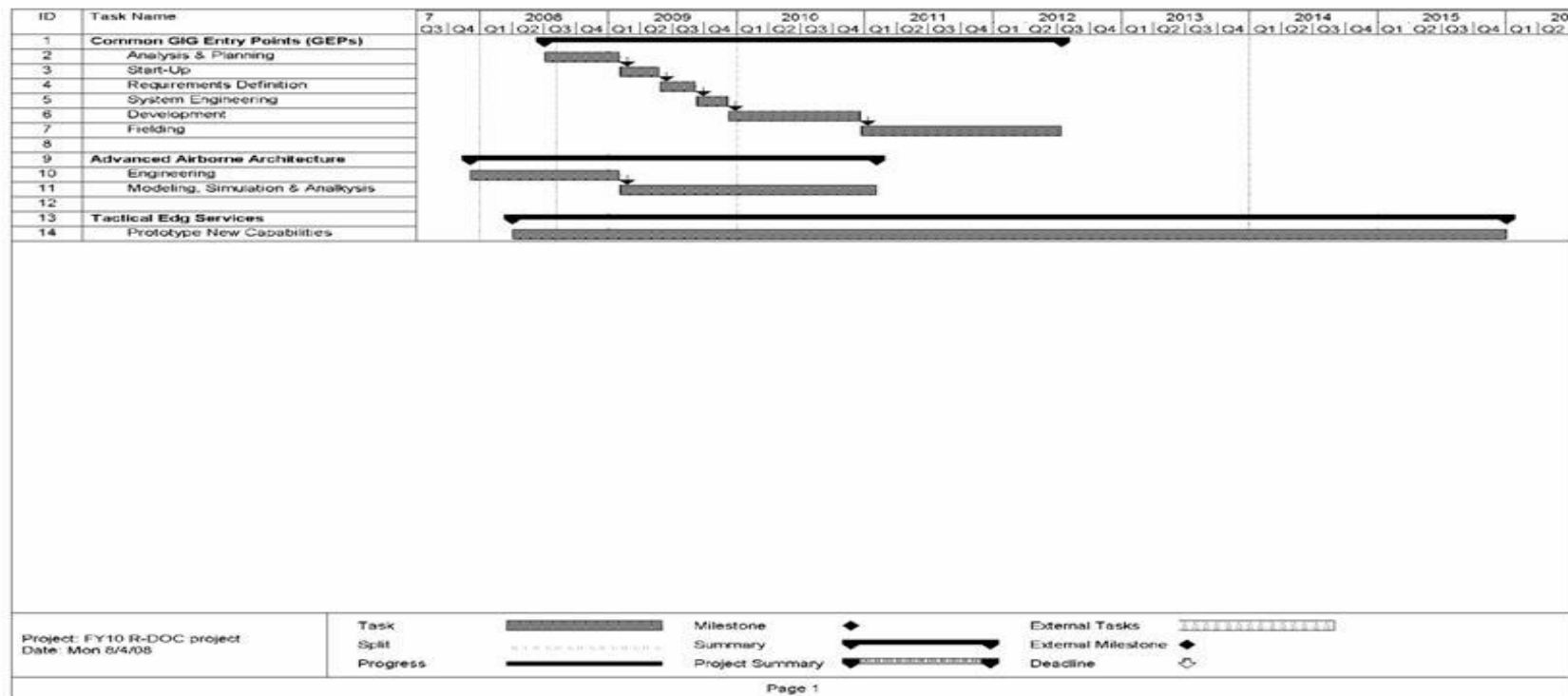
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4787 Information Systems



U.S. AIR FORCE

Exhibit R-4 BPAC 4787 Airborne Networking Integration



Integrity - Service - Excellence

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Exhibit R-4a, RDT&E Schedule Detail

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(U) Schedule ProfileFY 2008FY 2009FY 2010

(U) Enterprise Services and Network Management Analysis

1-4Q

1-4Q

(U) GiG Entry Points (GEP)

1-4Q

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