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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0207040F: Multi-Platform Electronic Warfare Equipment							
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	-	32.431	49.848	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
675310: EA Pod DRFM Upgrade	-	32.431	49.848	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles		0	0	0		0	0	0	0	0		
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
Overall, this program element (PE) funds on-going sustainment, maintenance, and upgrade of Multi-Platform Electronic Attack (EA) jamming pods and associated combat test equipment as well as sustainment of various other Electronic Warfare equipment. Specifically, this program provides procurement, research and development, and operations and maintenance for sustaining the ALQ-131 and ALQ-184 EA jamming pods. These pods are the sole self-protection jamming systems for US Air Force A-10 aircraft and most models of the F-16 aircraft. This upgrade to the electronic attack pod is necessary to keep pace with adversary technological advances in surface-to-air and air-to-air missile systems. Digital Radio Frequency Memory (DRFM) allows an electronic system to digitally record and store characteristics of received signals in order to produce a jamming pulse that more precisely replicates the threat systems pulse. With the current/near term threat systems the A-10 and F-16 are likely to encounter, this level of fidelity is necessary to effectively protect these aircraft in this increasingly lethal environment. This PE is in Budget Activity 7 - Operational System Development because it supports upgrade development of the A-10 and F-16 EA pods which are fielded systems.												
B. Program Change Summary (\$ in Millions)				FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total				
Previous President's Budget				0.000	49.848	0.000	-	0.000				
Current President's Budget				32.431	49.848	0.000	-	0.000				
Total Adjustments				32.431	0.000	0.000	-	0.000				
• Congressional General Reductions				-	0.000							
• Congressional Directed Reductions				-	0.000							
• Congressional Rescissions				0.000	0.000							
• Congressional Adds				-	0.000							
• Congressional Directed Transfers				-	0.000							
• Reprogrammings				32.431	0.000							
• SBIR/STTR Transfer				0.000	0.000							
• Other Adjustments				0.000	0.000	0.000	-	0.000				
C. Accomplishments/Planned Programs (\$ in Millions)									FY 2012	FY 2013	FY 2014	
Title: Pod Upgrade Program									32.431	48.428	0.000	

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2012	FY 2013	FY 2014
Description: Electronic Attack Pod DRFM Upgrade SDD FY 2012 Accomplishments: Engineering, Management, and Development FY 2013 Plans: Continue development of electronic attack pod upgrade. FY 2014 Plans: N/A			
Title: Program Management Administration (PMA) Description: PMA procures supplies, travel, and contractor services required for the program office to execute the program. FY 2012 Accomplishments: N/A FY 2013 Plans: Will procure supplies, travel, and contractor services required to support the program office in execution of this program FY 2014 Plans: N/A	0.000	1.420	0.000
Accomplishments/Planned Programs Subtotals	32.431	49.848	0.000

D. Other Program Funding Summary (\$ in Millions)										
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete
• APAF: BA 07: Line Item #	0.000	0.000	35.442		35.442	35.667	41.486	42.363	0.000	Continuing
000075: <i>Other Production Charges</i>										Continuing
Remarks										
E. Acquisition Strategy										
All major contracts within this project will be awarded through full and open competition.										

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F. Performance Metrics Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.		

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development						R-1 ITEM NOMENCLATURE PE 0207040F: Multi-Platform Electronic Warfare Equipment						PROJECT 675310: EA Pod DRFM Upgrade			
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Eng, Mngmnt, Development	C/FP	Northrop-Grumman:Warner-Robins, GA	-	27.168		39.243		0.000		-		0.000	Continuing	Continuing	18.000
Subtotal			0.000	27.168		39.243		0.000		0.000		0.000			18.000
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Various support activities	MIPR	Various:Various,	-	3.088		3.080		0.000		-		0.000	Continuing	Continuing	
Subtotal			0.000	3.088		3.080		0.000		0.000		0.000			
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subsystem testing activities	Various	ANG AFRC Test Command:Tucson, AZ	-	2.175		6.105		0.000		-		0.000	0.000	8.280	13.000
Subtotal			0.000	2.175		6.105		0.000		0.000		0.000	0.000	8.280	13.000
Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Admin (PMA)	MIPR	Various:Warner-Robins, GA	-	0.000		1.420		0.000		-		0.000	Continuing	Continuing	
Subtotal			0.000	0.000		1.420		0.000		0.000		0.000			

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	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals	0.000	32.431		49.848		0.000		0.000		0.000				

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0207040F: Multi-Platform Electronic Warfare Equipment

PROJECT

675310: EA Pod DRFM Upgrade

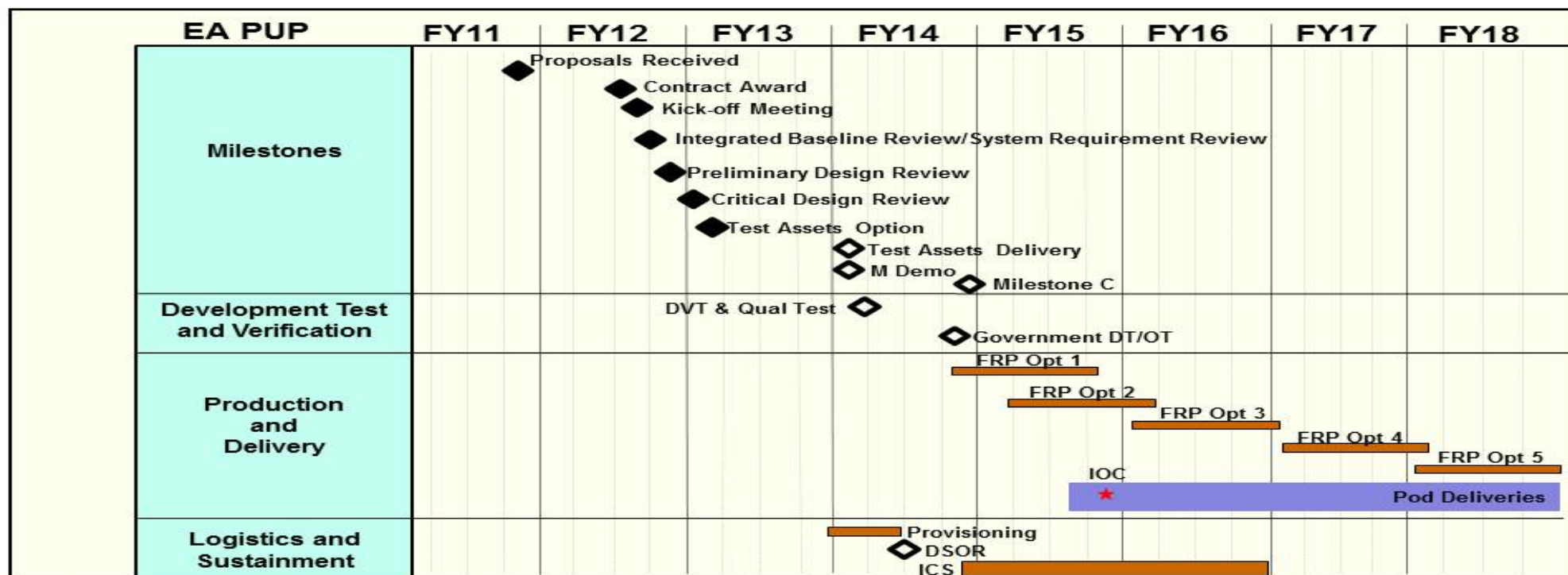


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EA PUP Schedule



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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force			DATE: April 2013
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Milestone C	4	2014	4	2014
Start of Operational Test	4	2014	4	2014