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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force **Date:** March 2014

Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 7: Operational Systems Development	R-1 Program Element (Number/Name) PE 0207040F I Multi-Platform Electronic Warfare Equipment
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	39.250	-	-	-	-	-	-	-	-	Continuing	Continuing
675310: EA Pod DRFM Upgrade	-	39.250	-	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 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 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	49.848	-	-	-	-
Current President's Budget	39.250	-	-	-	-
Total Adjustments	-10.598	-	-	-	-
• Congressional General Reductions	-0.066	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-4.822	-			
• SBIR/STTR Transfer	-1.249	-			
• Other Adjustments	-4.461	-	-	-	-

Change Summary Explanation

Reduction of \$4.461M in FY13 due to sequestration.

FY 13 Reprogramming due to a reduction in the required number of test assets.

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C. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015
Title: Pod Upgrade Program Description: Electronic Attack Pod DRFM Upgrade SDD FY 2013 Accomplishments: Development of electronic attack pod upgrade. FY 2014 Plans: No FY14 funding requested. FY 2015 Plans: No FY15 funding requested.	39.250	-	-
Accomplishments/Planned Programs Subtotals	39.250	-	-

D. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
• APAF: BA 07: Line Item # 000075: <i>Other Production Charges</i>	-	35.442	35.667	-	35.667	41.486	42.363	43.126	43.902	-	-
Remarks											
E. Acquisition Strategy All major contracts within this project will be awarded through full and open competition.											
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-4, RDT&E Schedule Profile: PB 2015 Air Force

Date: March 2014

Appropriation/Budget Activity
3600 / 7

R-1 Program Element (Number/Name)
PE 0207040F / Multi-Platform Electronic Warfare Equipment

Project (Number/Name)
675310 / EA Pod DRFM Upgrade



U.S. AIR FORCE

EA PUP Schedule



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