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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 0207170F: Joint Helmet Mounted Cueing System (JHMCS)							
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	-	1.394	1.472	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	2.866
675226: Joint Helmet Mounted Cueing System	-	1.394	1.472	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	2.866
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												
Note												
The Joint Helmet Mounted Cueing System (JHMCS) is transitioning to Warner Robins AFB for sustainment. FY12 and FY13 funding allows for completion of sustainment transition, residual tasks, and any unplanned activities.												
A. Mission Description and Budget Item Justification												
The Joint Helmet Mounted Cueing System (JHMCS) develops a helmet display system capable of depicting aircraft heading data, pilot's viewing perspective, target indication tracking/cueing, and other information on the aircrew visor to enhance pilot situational awareness. This display allows the pilot to quickly align platform sensors and weapons on targets, and engage threats using High Off-Boresight System (HOBS) weapons such as the AIM-9X.												
JHMCS is a Post Milestone C, Acquisition Category III (ACAT-III) joint AF/Navy program with the AF as the lead service. Program is in Full Rate Production (FRP). Continuing activities include deficiency resolution; improvements to tooling and test equipment; Electronic Unit (EU) obsolescence/Diminishing Manufacturing Sources (DMS) redesign; a systems engineering approach for implementing alternate displays; improvements to integrate Night Vision Cueing & Display (NVCD); software updates; platform integration; improvements to Reliability and Maintainability (R&M); system upgrade studies and analysis; other obsolescence upgrades; improved magnetic mapping processes to reduce maintenance manhours/life cycle costs; and efforts to support the transition to depot activation.												
This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.												

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B. Program Change Summary (\$ in Millions)		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget		1.436	1.472	0.000	-	0.000
Current President's Budget		1.394	1.472	0.000	-	0.000
Total Adjustments		-0.042	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		0.000	0.000			
• SBIR/STTR Transfer		-0.042	0.000			
• Other Adjustments		0.000	0.000	0.000	-	0.000
Change Summary Explanation						
No significant changes						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2012	FY 2013	FY 2014
Title: Product Development				1.000	1.206	0.000
Description: Continue Pre-Planned Product Improvement (P3I) efforts, software updates, Follow-On Test and Evaluation (FOT&E), and program management/support.						
FY 2012 Accomplishments: Accomplished deficiency resolution, reliability improvements, P3I activities, obsolescence upgrades, analysis/studies, some deficiency reporting, alternate displays implementation, and software updates. Accomplished testing and integration of the Night Vision Cueing and Display (NVCD) system into JHMCS. Provided mission support and program management to execute studies, P3I, software development efforts and accomplishment of residual tasks prior to the sustainment phase.						
FY 2013 Plans: Complete deficiency resolution, reliability improvements, P3I activities, obsolescence upgrades, analysis/studies, some deficiency reporting, alternate displays implementation, and software updates. Complete testing and integration of the NVCD system into JHMCS. Provide mission support and program management to execute unplanned activities and accomplishment of residual tasks prior to the sustainment phase.						
Title: Management Services				0.394	0.266	0.000
Description: Program Management Support, Travel, and Test & Evaluation						

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013	FY 2014
<i>FY 2012 Accomplishments:</i> Accomplished Program Management Support, Travel, and Testing activities.				
<i>FY 2013 Plans:</i> Continuation of listed activities.				
Accomplishments/Planned Programs Subtotals		1.394	1.472	0.000
D. Other Program Funding Summary (\$ in Millions)				
N/A				
Remarks				
E. Acquisition Strategy				
JHMCS is an ACAT III joint USAF/USN program with AF as lead service. The development contract was Cost Plus Award Fee (CPAF) through Boeing - St. Louis for development/integration on the F-15 and F/A-18 aircraft. All other aircraft integration will be handled by the respective platform prime contractors.				
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: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>						R-1 ITEM NOMENCLATURE PE 0207170F: <i>Joint Helmet Mounted Cueing System (JHMCS)</i>						PROJECT 675226: <i>Joint Helmet Mounted Cueing System</i>			
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
Continue deficiency resolution, R&M improvements, P3I activities, obsolescence upgrades, analysis/ studies, alternate displays implementation, various T&E activities, and software updates. Co...	SS/ Various	Various:Various,	-	1.000	Dec 2012	1.206	Dec 2013	0.000		-		0.000	0.000	2.206	TBD
Subtotal			0.000	1.000		1.206		0.000		0.000		0.000	0.000	2.206	
Remarks SBIR, withholds, SAF/AQ revisions															
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
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	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
JHMCS Tower Testing	MIPR	Naval Aircraft Warfare Center:Patuxent River, MD	-	0.130		0.000		0.000		-		0.000	Continuing	Continuing	
Subtotal			0.000	0.130		0.000		0.000		0.000		0.000			

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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 and Administration	Various	Various:Various,	-	0.264	Dec 2012	0.266	Dec 2013	0.000		-		0.000	0.000	0.530	TBD
Subtotal			0.000	0.264		0.266		0.000		0.000		0.000	0.000	0.530	
			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	1.394		1.472		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

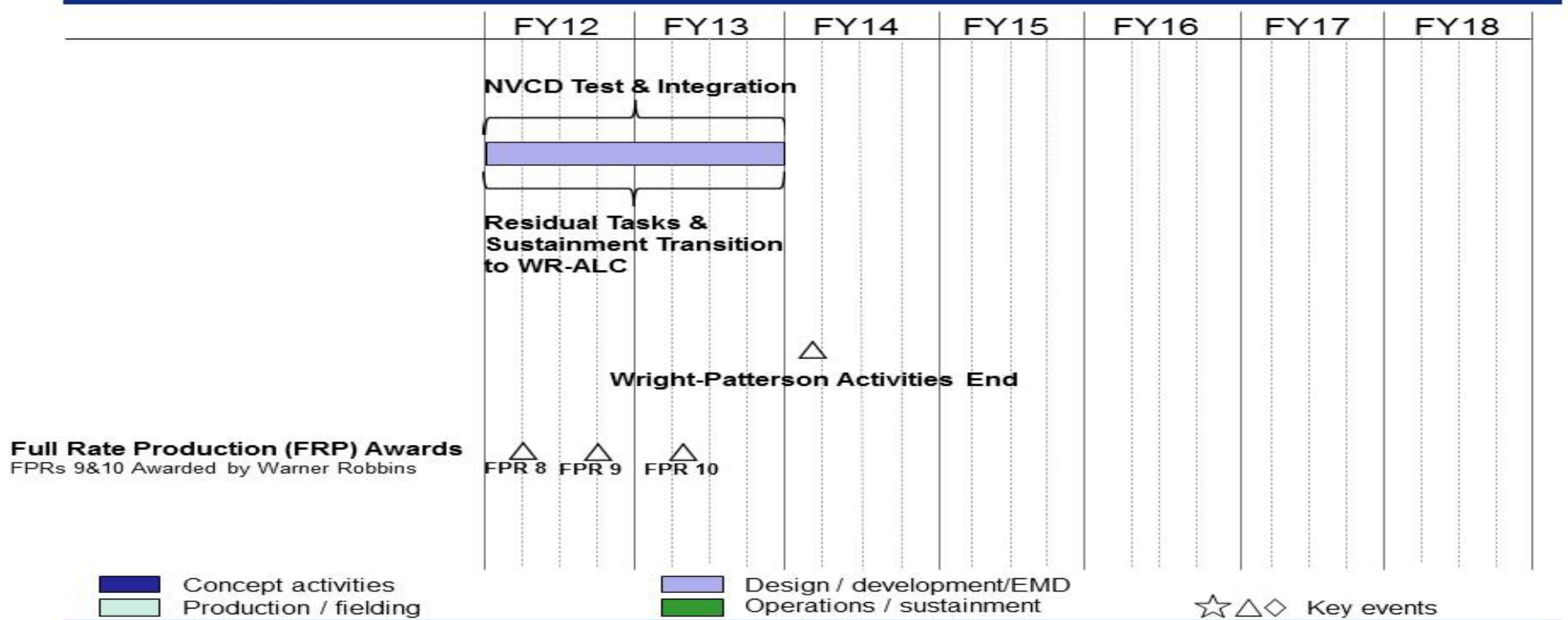
PE 0207170F: Joint Helmet Mounted Cueing System (JHMCS)

PROJECT

675226: Joint Helmet Mounted Cueing System



Joint Hemet Mounted Cueing System (JHMCS) Schedule



FY13 Staffer Brief

1

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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
Residual Tasks and Sustainment Transition	1	2012	4	2013
Pre-planned Product Improvement	1	2014	4	2018