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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 0207224F: Combat Rescue and Recovery							
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	-	2.292	2.095	2.582	-	2.582	5.159	0.420	0.000	0.000	Continuing	Continuing
676016: Avionics Development and Integration	-	2.292	2.095	2.582	-	2.582	5.159	0.420	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												
Note												
A. Mission Description and Budget Item Justification												
The Air Force Rotary Wing Avionics Development and Integration effort is a program to develop a fully integrated avionics upgrade that includes predictive terrain awareness. This program focuses on developing and integrating technologies that will increase the situational awareness of helicopter crews in a degraded visibility environment. This effort was initiated by the Defense Safety Oversight Council.												
In FY12, Project Number 657001, Avionics Development and Integration, efforts were transferred from PE 0605229F, CSAR HH-60 Recapitalization, Project Number 657001, Avionics Development and Integration, in order to effectively execute this effort for currently fielded HH-60G helicopters.												
B. Program Change Summary (\$ in Millions)				FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total				
Previous President's Budget				2.292	2.095	3.633	-	3.633				
Current President's Budget				2.292	2.095	2.582	-	2.582				
Total Adjustments				0.000	0.000	-1.051	-	-1.051				
• 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				0.000	0.000							
• Other Adjustments				0.000	0.000	-1.051	-	-1.051				
Change Summary Explanation												
FY14: Reduction due to higher Air Force priorities												

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013	FY 2014
Title: Avionics Development and Integration		2.292	2.095	2.582
Description: This program focuses on developing and integrating technologies that will increase the situational awareness of helicopter crews in a degraded visibility environment.				
FY 2012 Accomplishments: Provided hot bench testing for initial integration efforts, engineering support, and program management.				
FY 2013 Plans: Provided integration contracting support, program management, engineering, simulation, software support, and initial flight test.				
FY 2014 Plans: Provides integration contracting support, program management, engineering, simulation, software support, and second flight test.				
Accomplishments/Planned Programs Subtotals		2.292	2.095	2.582
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks				
E. Acquisition Strategy The Air Force is in the process of integrating the Three Dimensional Landing Zone (3D-LZ) technology into an air worthy payload. This payload will be integrated with existing forward looking infrared turrets to minimize additional equipment and weight on the aircraft. Once the payload is tested, the Air Force will finalize its strategy for fleet implementation.				
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 0207224F: Combat Rescue and Recovery						PROJECT 676016: Avionics Development and Integration			
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
System Engineering	C/CPFF	Raytheon Space and Airborne Systems:EI Segundo, CA	-	1.256	Mar 2012	0.000		1.018	Mar 2013	-		1.018	Continuing	Continuing	
Subtotal			0.000	1.256		0.000		1.018		0.000		1.018			
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
Flight Test	MIPR	Aero Flight Dynamics Directorate:Moffett Field, CA	-	0.698		1.320		1.118		-		1.118	Continuing	Continuing	
Subtotal			0.000	0.698		1.320		1.118		0.000		1.118			
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	MIPR	AFRL:Eglin AFB, FL	-	0.338		0.775		0.446		-		0.446	Continuing	Continuing	
Subtotal			0.000	0.338		0.775		0.446		0.000		0.446			
Project Cost Totals			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
			0.000	2.292		2.095		2.582		0.000		2.582			

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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	
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

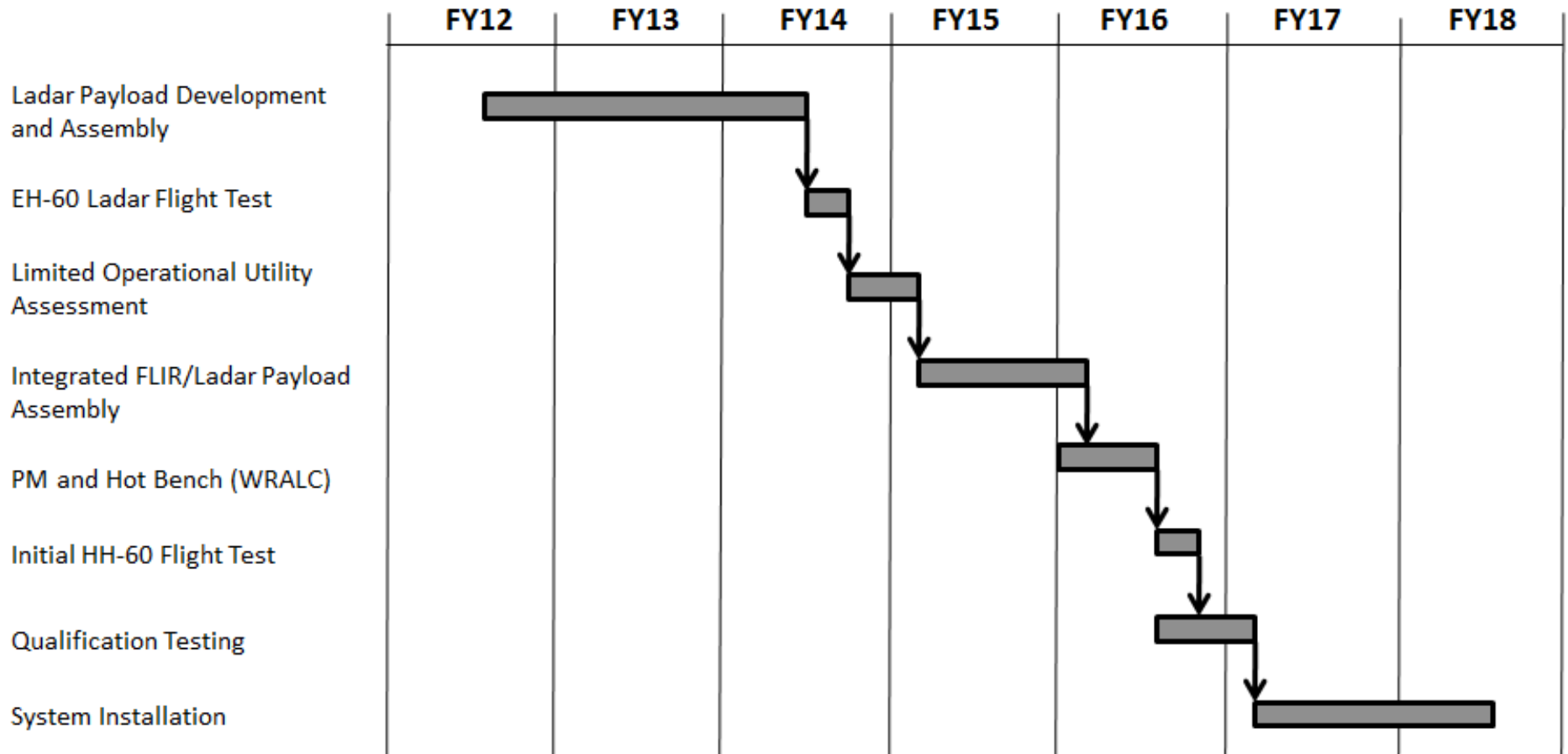
R-1 ITEM NOMENCLATURE

PE 0207224F: Combat Rescue and Recovery

PROJECT

676016: Avionics Development and Integration

Avionics Development and Integration



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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
Ladar Payload Development and Assembly	2	2012	2	2014
EH-60 Ladar Flight Test	2	2014	3	2014
Limited Operational Utility Assessment	3	2014	1	2015
Integrated FIIR/Ladar Payload Assembly	1	2015	1	2016
PM and Hot Bench (WRALC)	3	2015	3	2016
Initial HH-60 Flight Test	2	2016	4	2016
Qualification Testing	2	2016	4	2016
System Installation	1	2017	2	2018