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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 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0605278F I HC/MC-130 Recap RDT&E							
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	74.229	10.548	2.611	7.497	-	7.497	24.179	28.216	4.660	4.850	-	156.790
655249: HC-130Recap	74.229	10.548	2.611	7.497	-	7.497	24.179	28.216	4.660	4.850	-	156.790
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		
MDAP/MAIS Code: 257												
# The FY 2015 OCO Request will be submitted at a later date.												
A. Mission Description and Budget Item Justification												
HC/MC-130 Recapitalization will replace and augment the aging USAF fleets of combat rescue HC-130P/N and special operations MC-130E/P aircraft which are experiencing airworthiness, maintainability and operational limitations. The HC/MC-130 Recap Capabilities Production Document (CPD) defines a common baseline configuration for the weapon system and a FY 2012 Initial Operational Capability. The Joint Requirements Oversight Council (JROC) validated the CPD in Aug 2009.												
This program will develop and integrate changes from discrepancies found during EMD flight test, operational use, and common C-130J block upgrades during HC/MC production. The C-130J program (PE 0401132F) developed Blocks 7.0 and 8.1 separately but all other platforms (including HC/MC) will have combined Block 7.0/8.1 trial kit install and modification programs and will be known simply as Block 8.1.												
Block 8.1 primarily addresses mandated Communication, Navigation, and Surveillance/Air Traffic Management (CNS/ATM) requirements. It also incorporates capabilities such as Link 16, a new Flight Managment System (FMS), Civil GPS Navigation, Identification Friend or FOE (IFF) transponder Mode-5, Civil Data-link, and Automatic Dependent Surveillance-Broadcast (ADS-B).												
This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production. Note that this program has met the conditions of BA7 and this will be reflected in FY16.												

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B. Program Change Summary (\$ in Millions)		FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget		19.039	6.242	20.548	-	20.548
Current President's Budget		10.548	2.611	7.497	-	7.497
Total Adjustments		-8.491	-3.631	-13.051	-	-13.051
• Congressional General Reductions		-	-			
• Congressional Directed Reductions		-8.314	-3.631			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-0.177	-			
• Other Adjustments		-	-	-13.051	-	-13.051
Change Summary Explanation						
FY13: Congressional reduction of \$8.314M for Forward financing.						
FY14 : Reduction of \$3.631M for program decrease.						
FY15: Reduction of \$13.051M.						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2013	FY 2014	FY 2015
Title: Test and Evaluation				-	0.510	1.643
Description: Test and evaluation planning, conduct, and support for developmental and operational testing.						
FY 2014 Plans:						
Funding provided to support test for Block 6.5 follow on software build.						
FY 2015 Plans:						
Funding provided to support developmental and operational testing.						
Title: Continuous Improvement Program				10.548	2.101	4.204
Description: Aircraft Updates/Upgrades: Adds system and software modifications to the aircraft configurations as identified as deficiency reports by using command.						
FY 2013 Accomplishments:						

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Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I</i> BA 5: <i>System Development & Demonstration (SDD)</i>		R-1 Program Element (Number/Name) PE 0605278F / <i>HC/MC-130 Recap RDT&E</i>		
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
Funding provided to add system and software modifications to the aircraft configurations as identified as deficiency reports by using command such as defensive systems, displays, lighting, airdrop/approaches, ICS, EO/IR, and radar.				
FY 2014 Plans: Funding provided to add system and software modifications to the aircraft configurations as identified as deficiency reports by using command such as defensive systems, displays, lighting, airdrop/approaches, ICS, EO/IR, and radar.				
FY 2015 Plans: Funding provided to add system and software modifications to the aircraft configurations as identified as deficiency reports by using command.				
Title: Block 8.1 Description: Combined software/hardware upgrade for Block 8.1. Additional efforts include: Link 16, a new Flight Management System (FMS), Civil Global Positioning System (GPS) Navigation, a Special Mission Processor Interface (SMP-I), Identification Friend or Foe (IFF) Mode 5, Civil Data Link, and Automatic Dependent Surveillance-Broadcast (ADS-B). FY 2015 Plans: HC/MC-130J unique Block 8.1 development will begin.		-	-	1.650
Accomplishments/Planned Programs Subtotals		10.548	2.611	7.497
D. Other Program Funding Summary (\$ in Millions) N/A				
Remarks Current HC/MC-130 modification programs are not associated with HC/MC-130 RDT&E efforts.				
E. Acquisition Strategy The full rate production decision for the HC/MC-130J RECAP was 4 Oct 13. Lockheed Martin is the prime contractor for the Research & Development work in support of the HC/MC-130J Recap program. Work done to date on the HC/MC-130 Recap program has been on a Cost Plus Award Fee (CPAF) type contract.				
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 2015 Air Force												Date: March 2014			
Appropriation/Budget Activity 3600 / 5						R-1 Program Element (Number/Name) PE 0605278F / HC/MC-130 Recap RDT&E				Project (Number/Name) 655249 / HC-130Recap					
Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
EMD	SS/CPAF	Lockheed Martin : Marietta, GA	45.670	-		-		-		-		-	-	45.670	TBD
Continuous Improvement Program (CIP)	SS/CPIF	Lockheed Martin : Marietta, GA	8.766	10.548	Mar 2014	2.101	Aug 2014	4.204	Mar 2015	-		4.204	-	25.619	TBD
Block 8.1	SS/CPIF	Lockheed Martin : Marietta, GA	4.716	-		-		1.650	Apr 2015	-		1.650	61.905	68.271	TBD
Subtotal			59.152	10.548		2.101		5.854		-		5.854	61.905	139.560	-
Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Other	Various	AFLCMC/WIS : WPAFB, OH	4.931	-		-		-		-		-	-	4.931	-
Subtotal			4.931	-		-		-		-		-	-	4.931	-
Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Test and Evaluation Support	C/FFP	46th Test Wing : EAFB, FL	10.146	-		0.510	Apr 2014	1.643	Feb 2015	-		1.643	-	12.299	TBD
Subtotal			10.146	-		0.510		1.643		-		1.643	-	12.299	-
Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	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			-	-		-		-		-		-	-	-	-

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		Prior Years	FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals		74.229	10.548		2.611		7.497		-		7.497	61.905	156.790	-
Remarks														

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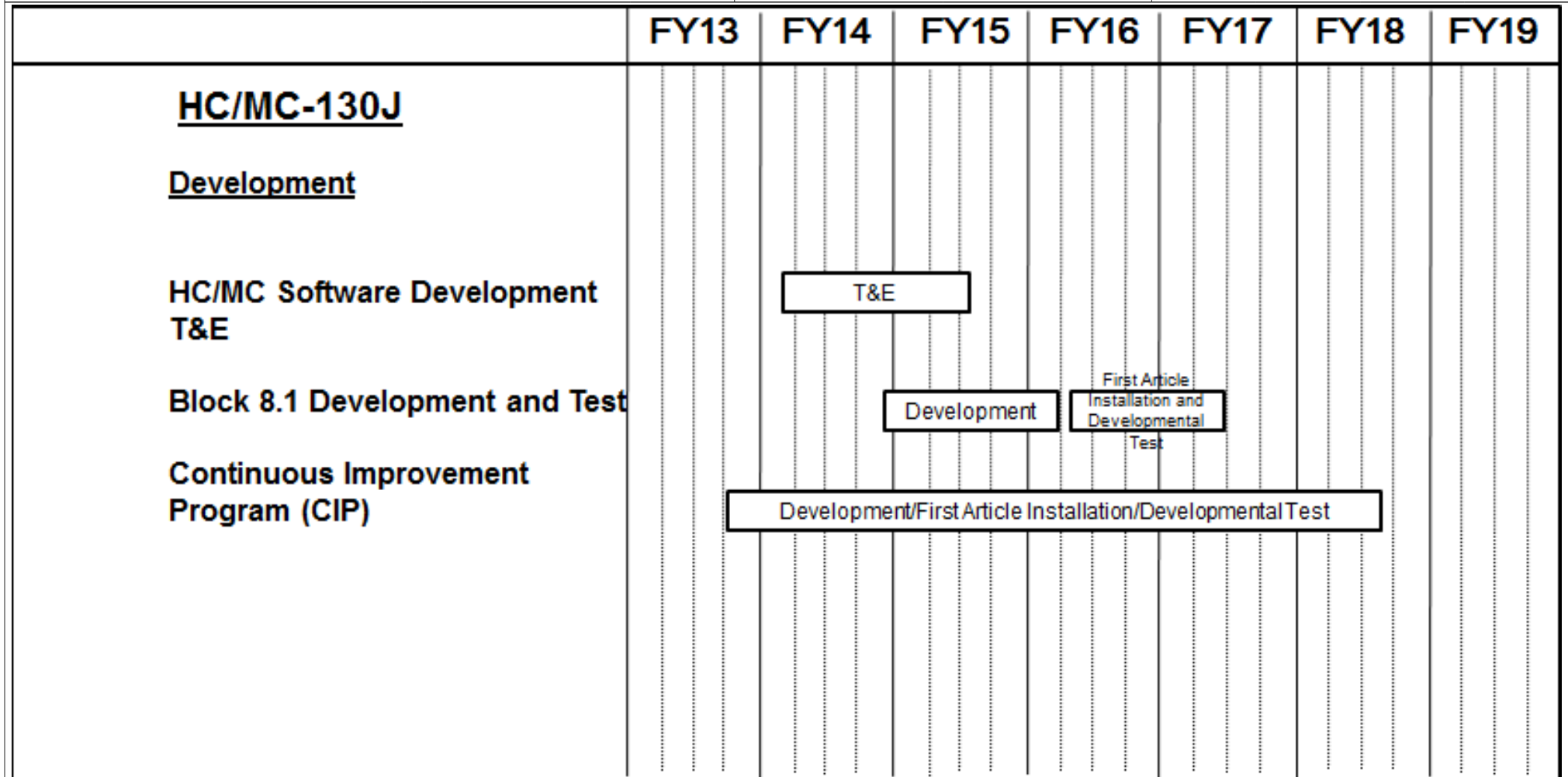
Exhibit R-4, RDT&E Schedule Profile: PB 2015 Air Force

Date: March 2014

Appropriation/Budget Activity
3600 / 5

R-1 Program Element (Number/Name)
PE 0605278F / HC/MC-130 Recap RDT&E

Project (Number/Name)
655249 / HC-130Recap



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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Air Force			Date: March 2014
Appropriation/Budget Activity 3600 / 5	R-1 Program Element (Number/Name) PE 0605278F / <i>HC/MC-130 Recap RDT&E</i>	Project (Number/Name) 655249 / <i>HC-130Recap</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Software Development Test and Evaluation	2	2014	4	2015
HC/MC-130 Recap Block 8.1 Development	2	2015	4	2016
HC/MC-130 Recap Block 8.1 First Article Installation and Developmental Test	4	2016	2	2018
Continuous Improvement Program (CIP)	4	2013	4	2019