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

APPROPRIATION/BUDGET ACTIVITY

R-1 ITEM NOMENCLATURE

3600: Research, Development, Test & Evaluation, Air Force

PE 0401119F: C-5 Airlift Squadrons (IF)

BA 7: Operational Systems Development

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	-	12.941	35.115	61.492	-	61.492	24.227	0.000	0.000	0.000	Continuing	Continuing
674835: Reliability Enhancement & Reengining Program	-	12.941	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	12.941
675358: C-5 Mission Computer- Mission Sys Equip-Weather Radar	-	0.000	35.115	61.492	-	61.492	24.227	0.000	0.000	0.000	Continuing	Continuing

MDAP/MAIS Code(s): 327

A. Mission Description and Budget Item Justification

In FY12, Project Number 674835, C-5 Reliability Enhancement and Re-engining Program (RERP) was completed.

675358: C-5 Core Mission Computer (CMC) and Weather Radar Programs: Mission computer and weather radar replacement is a comprehensive effort to mitigate the obsolescence of the current CMC and weather radar. This effort centers around replacing the current mission computer to obtain sufficient capability to support integration of new system capabilities with margin for growth. Also, the effort includes replacement of the weather radar with a commercial off-the-shelf color weather radar. The new mission computer will allow for current and future throughput growth of additional processing requirements to meet CY 2020 communication, navigation, surveillance / air traffic management mandates.

This program is in Budget Activity 7, Operational Systems 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.

PE 0401119F: C-5 Airlift Squadrons (IF)

Air Force

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^{*} 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

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 0401119F: C-5 Airlift Squadrons (IF)

3. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	12.941	35.115	82.892	-	82.892
Current President's Budget	12.941	35.115	61.492	-	61.492
Total Adjustments	0.000	0.000	-21.400	-	-21.400
 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	-21.400	-	-21.400

Change Summary Explanation

FY14: \$21.4M of C-5 Mission Computer/Mission Sys Equip/Weather Radar funds were reduced by the Air Force due to a rephase of the program.

PE 0401119F: C-5 Airlift Squadrons (IF)

Air Force Page 2 of 15

APPROPRIATION/BUDGET ACT 3600: Research, Development, Te BA 7: Operational Systems Develo			NOMENCL 19F: <i>C-5 Air</i>	ATURE lift Squadro	ns (IF)	PROJECT 674835: Reliability Enhancement & Reengining Program						
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
674835: Reliability Enhancement & Reengining Program	-	12.941	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	12.941

0

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force

A. Mission Description and Budget Item Justification

Quantity of RDT&E Articles

C-5 Reliability Enhancement and Re-engining Program (RERP) is a comprehensive modernization effort to improve aircraft reliability, maintainability, and availability. This effort centers around replacing the current TF39 engines with more reliable, commercial off-the-shelf CF6 turbofan engines. The RERP modification increases payload capability and access to communications, navigation, surveillance/air traffic management (CNS/ATM) airspace through core mission computer (CMC), radar, and other Air Force (AF) bolt-ons like mode 5 identification, friend or foe (IFF), aircraft communication addressing and reporting system (ACARS), and replaces malfunction analysis detection and recording system (MADARS) with embedded diagnostic system (EDS), etc. The modification also decreases aircraft time to climb, increases engine-out climb gradient for takeoff, improves transportation system throughput, and decreases engine removals. On 7 Oct 10, the USD(AT&L) Defense Acquisition Board directed the Air Force to fully fund RERP to the OSD cost assessment and program evaluation and independent cost estimate for RDT&E; and redesignated C-5 RERP as an acquisition category IC program.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2012	FY 2013	FY 2014
Title: Reliability Enhancement & Re-engining Program	12.941	0.000	0.000
Description: Reliability Enhancement and Re-engining Program (RERP) will enable the C-5 to achieve wartime mission requirements by increasing fleet availability (mission capable rate, departure reliability).			
FY 2012 Accomplishments: Program funding supports final RERP design, development, engineering change orders, contractor/government test, technical order publications, resulting from Qualification Operational Testing & Evaluation deficiency report corrections and to finalize the development/delivery of aircrew and maintenance training devices and efforts to minimize divergence between AMP and RERP baselines. Mission support funding is also required for program office operations.			
Accomplishments/Planned Programs Subtotals	12.941	0.000	0.000

PE 0401119F: C-5 Airlift Squadrons (IF) Air Force **UNCLASSIFIED**

R-1 Line #231

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DATE: April 2013

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^{*}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

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY	R-1 ITEM NOMENCLATURE	PROJECT
3600: Research, Development, Test & Evaluation, Air Force	PE 0401119F: C-5 Airlift Squadrons (IF)	674835: Reliability Enhancement &
BA 7: Operational Systems Development		Reengining Program

C. Other Program Funding Summary (\$ in Millions)

		_	FY 2014	FY 2014	FY 2014					Cost To	
Line Item	FY 2012	FY 2013	Base	OCO	<u>Total</u>	FY 2015	FY 2016	FY 2017	FY 2018	Complete	Total Cost
APAF: BA05: Line Item #	0.000	0.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	1,338.100
C00500: <i>C-5</i>											
APAF: BA05: Line Item #	963.670	1,120.619	1,021.967		1,021.967	334.749	0.000	0.000	0.000	0.000	4,114.111
C005M0: <i>C-5M</i>											
• APAF: BA06: Line Item # 000999:	116.175	117.186	131.933		131.933	0.000	0.000	0.000	0.000	0.000	365.294
Initial Spares/Repair Parts											
• APAF: BA07: Line Item # 000075:	9.389	1.000	0.000		0.000	0.000	0.000	0.000	0.000	0.000	29.689
Other Production Charges											

Remarks

Advance procurement (AP) requirements are included in the APAF totals for C-5 and C-5M.

D. Acquisition Strategy

Reliability Enhancement and Re-engining Program (RERP): System development & demonstration (SDD) included 1 C-5A and 2 C-5Bs. The acquisition strategy considered every opportunity to use commercial components to modernize the C-5 to meet or exceed required system performance and support, so as to renew the weapon system until 2040. Lockheed Martin was selected as the prime contractor through a sole source arrangement. Lockheed selected General Electric (Powerplant), Goodrich (Pylon), and Honeywell (Avionics) as the major subcontractors.

E. 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.

PE 0401119F: C-5 Airlift Squadrons (IF)

Air Force

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0401119F: C-5 Airlift Squadrons (IF)

PROJECT

674835: Reliability Enhancement &

DATE: April 2013

Reengining Program

Product Developme	nt (\$ in Mi	illions)		FY 2012		FY 2013		FY 2 Ba	2014 ise	FY 2		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	Total Cost	Target Value of Contract
Not specified	SS/FFP	Lockheed Martin:Marietta, GA	-	0.000		0.000		0.000		-		0.000	Continuing	Continuing	47.685
Not specified (1)	SS/CPAF	Lockheed Martin:Marietta, GA	-	11.591		0.000		0.000		-		0.000	Continuing	Continuing	1,319.710
Interim Contract Support (ICS)	SS/ Various	Lockheed Martin:Marietta, GA	-	0.000		0.000		0.000		-		0.000	Continuing	Continuing	0.834
		Subtotal	0.000	11.591		0.000		0.000		0.000		0.000			1,368.229

Remarks

Air Force

Costs shown on interim contract support (ICS) line were previously included in the system development demonstration (SDD) line. Due to a change in contracting strategy post-FY09 PB submission, these costs were moved from the SDD line to the ICS line. These costs represent the costs associated with post-SDD DMS resolution and resolution of deficiency reports discovered during qualification operational test & evaluation to be executed using the ICS contract vehicle.

Support (\$ in Million	ıs)			FY 2	2012	FY 2	2013	1	2014 ise	FY 2		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	Total Cost	Target Value of Contract
Various	TBD	AFLCMC:Warner Robins, GA	-	0.000		0.000		0.000		-		0.000	Continuing	Continuing	31.953
Not specified	TBD	AFLCMC:Dayton, OH	-	0.000		0.000		0.000		-		0.000	Continuing	Continuing	47.249
		Subtotal	0.000	0.000		0.000		0.000		0.000		0.000			79.202

Test and Evaluation	(\$ in Milli	ons)		FY 2	2012	FY 2	2013	FY 2 Ba	2014 Ise	FY 2		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	Total Cost	Target Value of Contract
OT&E and QOT&E	TBD	418 Test Squadron:Edwards, CA	-	0.000		0.000		0.000		-		0.000	Continuing	Continuing	68.250
		Subtotal	0.000	0.000		0.000		0.000		0.000		0.000			68.250

PE 0401119F: C-5 Airlift Squadrons (IF)

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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

Project Cost Totals

0.000

12.941

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

PE 0401119F: C-5 Airlift Squadrons (IF)

0.000

PROJECT

674835: Reliability Enhancement &

Reengining Program

0.000

1,594.237

Management Service	Management Services (\$ in Millions)			FY 2	012	FY 2013		FY 2 Ba	2014 ise	FY 2	2014 CO	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	Total Cost	Target Value of Contract
PMA - Contractor Services	TBD	AFLCMC:Dayton, OH	-	1.054		0.000		0.000		-		0.000	Continuing	Continuing	1.054
PMA - Gov't Costs	TBD	AFLCMC:Dayton, OH	-	0.296		0.000		0.000		-		0.000	Continuing	Continuing	0.296
Aircrew & Maintenance Trainer	TBD	OO-ALC:Ogden, UT	-	0.000		0.000		0.000		-		0.000	Continuing	Continuing	77.206
		Subtotal	0.000	1.350		0.000		0.000		0.000		0.000			78.556
			All Prior Years	FY 2	012	FY 2	2013	FY 2	2014 Ise	FY 2	2014 CO	FY 2014 Total	Cost To	Total Cost	Target Value of Contract

0.000

Remarks

PE 0401119F: C-5 Airlift Squadrons (IF)

Air Force

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R-1 Line #231

0.000

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

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

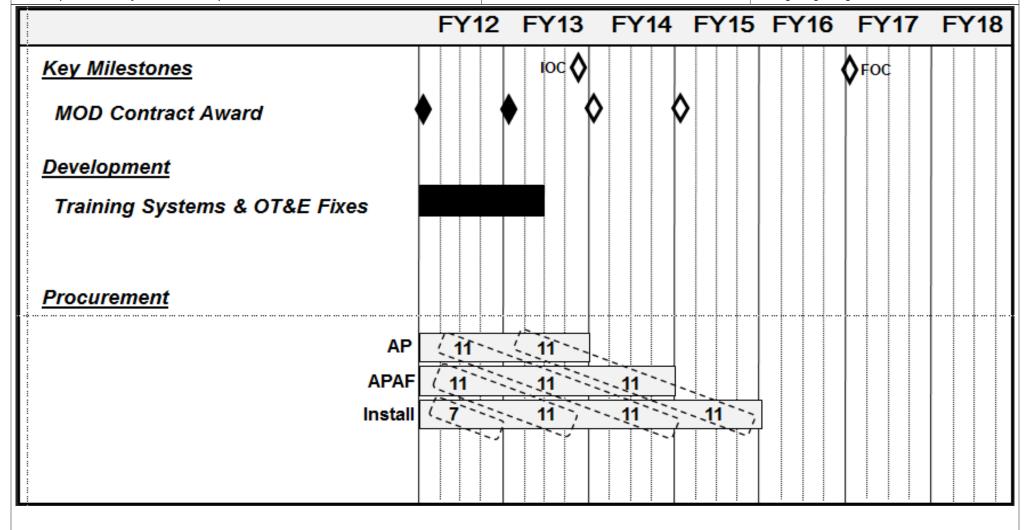
PE 0401119F: C-5 Airlift Squadrons (IF)

PROJECT

674835: Reliability Enhancement &

DATE: April 2013

Reengining Program



PE 0401119F: C-5 Airlift Squadrons (IF)

Air Force

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

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

3600: Research, Development, Test & Evaluation, Air Force PE 0401119F: C-5 Airlift Squadrons (IF) 674835: Reliability Enhancement &

BA 7: Operational Systems Development Reengining Program

Schedule Details

	St	art	E	nd
Events	Quarter	Year	Quarter	Year
Annual Production Contract Awards	1	2012	1	2015
Training and OT&E Fixes	1	2012	4	2012
Initial Operational Capability	4	2013	4	2013
Full Operational Capability	1	2017	1	2017

PE 0401119F: C-5 Airlift Squadrons (IF)
Air Force

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Exhibit R-2A, RDT&E Project Ju	ustification	: PB 2014 <i>A</i>	Air Force							DATE: Ap	ril 2013	
APPROPRIATION/BUDGET ACT 3600: Research, Development, To BA 7: Operational Systems Development	est & Evalua			NOMENCL 19F: <i>C-5 Air</i>	ATURE lift Squadro		T C-5 Mission Computer-Mission Sys eather Radar					
COST (\$ in Millions)	FY 2014 Base	FY 2014 OCO ##	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost			
675358: C-5 Mission Computer- Mission Sys Equip-Weather Radar	-	0.000	35.115	61.492	-	61.492	24.227	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	2		2	0	0	0	0		

^{*}FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

A. Mission Description and Budget Item Justification

C-5 Core Mission Computer (CMC), Weather Radar, and Mission Systems Equipment Program: Program is a comprehensive effort to mitigate the obsolescence of the current CMC and weather radar. This effort centers around replacing the current mission computer to obtain sufficient capacity/capability to support integration of new system capabilities with margin for growth. Also, the effort includes replacement of the weather radar with a commercial off-the-shelf color weather radar. Mission systems equipment includes, but is not limited to, a redesign of the C-5 galley system. Examples of other mission systems equipment include troop seats, crew entry door and ladder, and interior trim.

The current C-5 CMC has reached maximum capacity and cannot integrate required aircraft systems and capabilities to include the weather radar; flight management system (FMS); and communication, navigation, surveillance (CNS)/air traffic management (ATM) requirements. These requirements include capabilities such as the automatic dependent surveillance-broadcast out (ADS-B Out), and identification, friend or foe (IFF) mode 5. The new CMC will allow for current and future throughput growth of additional processing requirements to meet CY 2020 CNS/ATM mandates.

The modification increases aircraft availability as the new color weather radar replaces the current APS-133 weather radar system, which becomes unsupportable in FY 2014. Failure to replace the CMC to support a new weather radar will create a significant operational impact due to parts obsolescence of the current weather radar. Equipment diminishing manufacturing source (DMS) issues will be resolved to support continued production and installation of requirements for the C-5 fleet. Further, DMS issues will be resolved to support continued operations through studies, bridge buys, life-of-type buys, development, and redesign efforts.

The current C-5 galley system suffers inoperability and leakage of liquid sodium hypochlorite causing severe corrosion and burnt wires in the landing gear control panels. A redesign will increase safety, mitigate risk, and reduce man-hours required to repair extensive damage.

B. Accomplishments/Planned Programs (\$ in Millions)	FY 2012	FY 2013	FY 2014
Title: Mission Computer, Mission Systems Equipment, and Weather Radar Program	0.000	34.817	61.043
Description: Core Mission Computer, Weather Radar, and Mission Systems Equipment, replacement will enable the C-5 to achieve wartime mission requirements by increasing fleet availability and capability (mission capable rate).			

PE 0401119F: C-5 Airlift Squadrons (IF) Air Force UNCLASSIFIED
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^{##} The FY 2014 OCO Request will be submitted at a later date

				UNCLA5	SIFIED						
Exhibit R-2A, RDT&E Project Jus	tification: PB	2014 Air Fo	rce						DATE:	April 2013	
APPROPRIATION/BUDGET ACTI 3600: Research, Development, Tes BA 7: Operational Systems Develo	t & Evaluation,	Air Force			EM NOMEN 01119F: <i>C-</i> {	ICLATURE 5 Airlift Squa	drons (IF)			n Computer- lar	Mission Sys
B. Accomplishments/Planned Pr	ograms (\$ in N	Millions)							FY 2012	FY 2013	FY 2014
FY 2013 Plans: The planned program funding in F' radar integration, development, ensupport funding is required for program.	gineering chan	ge orders, c									
FY 2014 Plans: The planned program funding in F's functional check of hardware, and								on and			
Title: Program Management Admir	nistration (PMA	١)							0.000	0.298	0.449
management and oversight role for FY 2012 Accomplishments: N/A FY 2013 Plans: Funding is budgeted for PMA costs supporting implementation of requivers weather Radar, and Mission Systems	s in FY13 to inc	clude prograi ent support a	n office trav	el, administra	ative costs,	and contract	services for				
FY 2014 Plans: Funding is budgeted for PMA costs supporting implementation of requi Weather Radar program.								and			
				Accon	nplishment	s/Planned P	rograms Su	btotals	0.000	35.115	61.49
C. Other Program Funding Sumn	nary (\$ in Milli	ons)									
Line Item • APAF: BA05: Line Item # C00500: C-5	FY 2012 0.000	FY 2013 0.000	FY 2014 Base 0.000	FY 2014 OCO	FY 2014 Total 0.000	FY 2015 15.043	FY 2016 42.251	FY 201 42.80		Cost To B Complete 9 Continuing	Total Cos

PE 0401119F: *C-5 Airlift Squadrons (IF)* Air Force

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

3600: Research, Development, Test & Evaluation, Air Force PE 0401119F: C-5 Airlift Squadrons (IF) 675358: C-5 Mission Computer-Mission Sys

BA 7: Operational Systems Development Equip-Weather Radar

C. Other Program Funding Summary (\$ in Millions)

<u>FY 2014</u> <u>FY 2014</u> <u>FY 2014</u> <u>Cost To</u>

<u>Line Item</u> FY 2012 FY 2013 Base OCO Total FY 2015 FY 2016 FY 2017 FY 2018 Complete Total Cost

Remarks

Funding identified for other program requirements is to support APAF needs. A decision has not yet been reached on initial spares and depot funding requirements. When established, funding will be realigned accordingly.

D. Acquisition Strategy

Core Mission Computer, Weather Radar, and Mission Systems Equipment programs: Engineering, manufacturing, and development (EMD) for the core mission computer and weather radar begins in FY13. The acquisition strategy for this project will consider every opportunity to use commercial components to modernize the C-5 core mission computer and weather radar and maintain aircraft availability in support of mobility missions worldwide. The strategy is for the prime contractor, Lockheed Martin Aero (LMA), to procure the core mission computer and weather radar, integrate and test those components, and install kits on two (2) EMD aircraft. The LMA proposal was received 30 Nov 2012 and is currently under program office technical evaluation in preparation for contract negotiations in February 2013. The contract method is sole source. The contract type and fee will be a combination of CPIF (Cost Plus Incentive Fee) and FFP (Firm Fixed Price). The mission systems equipment redesign will require RDT&E funding for commercial off-the-shelf (COTS) proofing. Funds are required for validation and verification of the lavatory design and installation. The Mission Systems Equipment contract method was competitive through the Defense Technical Information Center (DTIC). Wyle Science, Technical, and Engineering Group is the selected source, and the contract type is Cost Plus Fixed Fee (CPFF).

E. 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.

PE 0401119F: C-5 Airlift Squadrons (IF)

Air Force

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force DATE: April 2013 APPROPRIATION/BUDGET ACTIVITY **R-1 ITEM NOMENCLATURE PROJECT**

3600: Research, Development, Test & Evaluation, Air Force PE 0401119F: C-5 Airlift Squadrons (IF)

BA 7: Operational Systems Development Equip-Weather Radar

FY 2014 FY 2014 FY 2014 **Product Development (\$ in Millions)** FY 2012 FY 2013 oco Base Total Contract Target Method Performing All Prior Award Award Award Award **Cost To** Total Value of **Activity & Location Cost Category Item** & Type Years Cost Date Cost Date Cost Date Cost Date Complete Cost Contract Cost Core Mission Computer and Weather Radar SS/ Lockheed Martin Hardware/Software 0.000 31.415 Mar 2013 46.410 Mar 2014 46.410 Continuing Continuing 82.236 Various Aero:Marietta, GA Design, Development, and Integration Data Management and Lockheed Martin SS/CPIF 0.000 0.900 Mar 2013 7.900 Mar 2014 7.900 Continuing Continuing 11.601 Technical Data Rights Aero:Marietta, GA Mission Systems Wyle Group:Warner Equipment Redesign and C/CPFF 0.950 Mar 2013 0.000 Continuing Continuing 0.000 0.000 0.950 Robins, GA COTS Proofing Subtotal 0.000 0.000 33.265 54.310 0.000 54.310 94 787

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	Total Cost	Target Value of Contract
Technical Publications	SS/ Various	Lockheed Martin Aero:Marietta, GA	-	0.000		0.000		0.300	Mar 2014	-		0.300	Continuing	Continuing	2.419
Aircrew and Maintenance Trainers	SS/CPIF	Lockheed Martin Aero:Marietta, GA	-	0.000		0.000		2.500	Mar 2014	-		2.500	Continuing	Continuing	5.847
Interim Contract Support (ICS)	SS/CPIF	Lockheed Martin Aero:Various,	-	0.000		0.000		0.900	Mar 2014	-		0.900	Continuing	Continuing	4.506
Other Govt Costs (OGC)	Various	Various:TBD,	-	0.000		1.038	Mar 2013	0.000		-		0.000	Continuing	Continuing	1.038
		Subtotal	0.000	0.000		1.038		3.700		0.000		3.700			13.810

Test and Evaluation	(\$ in Milli	ons)		FY 2	2012	FY 2	2013	FY 2 Ba	2014 ise	FY 2		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	Total Cost	Target Value of Contract
Developmental and Operational Test and Evaluation	Various	Various:,	-	0.000		0.050	Mar 2013	2.100	Mar 2014	-		2.100	Continuing	Continuing	9.642

PE 0401119F: C-5 Airlift Squadrons (IF) Air Force

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R-1 Line #231

675358: C-5 Mission Computer-Mission Sys

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 0401119F: C-5 Airlift Squadrons (IF)

PROJECT

675358: C-5 Mission Computer-Mission Sys

Equip-Weather Radar

Test and Evaluation	(\$ in Milli	ions)		FY 2	2012	FY 2	2013	FY 2 Ba		FY 2		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		0.050		2.100		0.000		2.100			9.642
Management Service	es (\$ in M	lillions)		EV	2012	EV	2013	FY 2		FY 2	2014	FY 2014			

Management Service	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	Total Cost	Target Value of Contract
PMA Government Costs - CMC/WR	Various	AFLCMC/ WLS:Dayton, OH	-	0.000		0.343		0.697		-		0.697	Continuing	Continuing	1.330
PMA Contractor-CMC/WR	Various	AFLCMC/ WLS:Dayton, OH	-	0.000		0.369	Mar 2013	0.685	Mar 2014	-		0.685	Continuing	Continuing	1.215
PMA Government Costs - MSE	Various	AFLCMC/ WLS:Warner Robins, GA	-	0.000		0.050		0.000		-		0.000	Continuing	Continuing	0.050
	<u> </u>	Subtotal	0.000	0.000		0.762		1.382		0.000		1.382			2.595

	All Prior Years	FY 2	2012	FY 2	2013	FY 2 Ba		7 2014 FY 2014 DCO Total	Cost To	Total Cost	Target Value of Contract
Project Cost Totals	0.000	0.000		35.115		61.492	0.00	0 61.49	2		120.834

Remarks

PE 0401119F: *C-5 Airlift Squadrons (IF)* Air Force

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

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force

BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

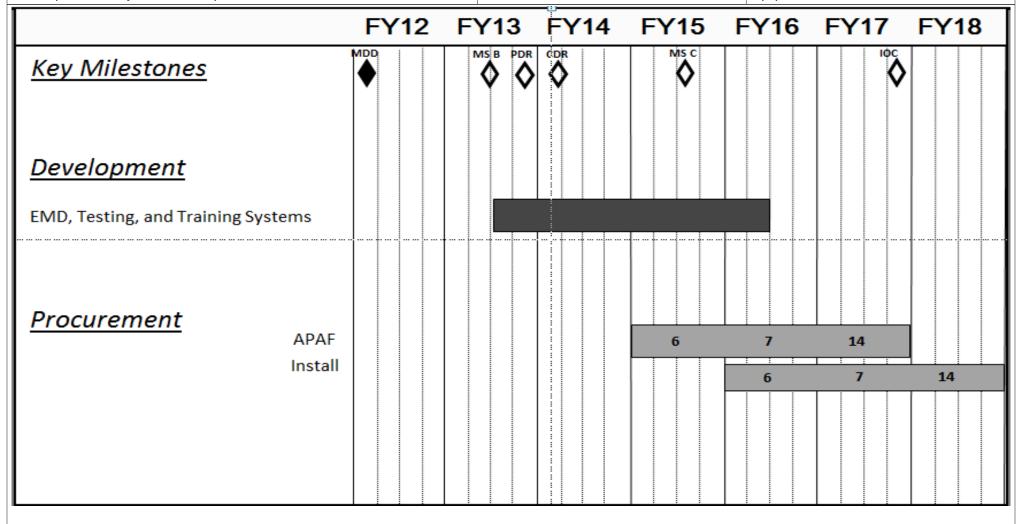
PE 0401119F: C-5 Airlift Squadrons (IF)

PROJECT

675358: C-5 Mission Computer-Mission Sys

DATE: April 2013

Equip-Weather Radar



PE 0401119F: C-5 Airlift Squadrons (IF)

Air Force

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

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY R-1 ITEM NOMENCLATURE PROJECT

3600: Research, Development, Test & Evaluation, Air Force PE 0401119F: C-5 Airlift Squadrons (IF) 675358: C-5 Mission Computer-Mission Sys

BA 7: Operational Systems Development Equip-Weather Radar

Schedule Details

	St	Start					
Events	Quarter	Year	Quarter	Year			
Materiel Development Decision	1	2012	1	2012			
Milestone B	2	2013	2	2013			
Engineering, Manufacturing, and Development (EMD)	2	2013	1	2016			
Annual Contract Awards	3	2013	3	2016			
Preliminary Design Review	4	2013	4	2013			
Critical Design Review	1	2014	1	2014			
Training Development	4	2014	4	2015			
Integrated Developmental/Operational Test and Evaluation	1	2015	2	2016			
Milestone C	3	2015	3	2015			
Initial Operational Capability	4	2017	4	2017			

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