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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 0401218F: KC-135s							
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	-	6.161	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
675261: KC-135 Upgrades	-	6.161	0.000	0.000	-	0.000	0.000	0.000	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												
FY 2012 was last year of KC-135 RDT&E program funding.												
A. Mission Description and Budget Item Justification												
KC-135 CNS/ATM (Block 45) program - Block 45 addresses obsolescence and reliability and maintainability issues currently experienced by the KC-135 fleet. Funding supports a modification program performing analysis, testing, software development, prototyping, documenting source-data, and integration of a new Digital Flight Director (DFD), Radar Altimeter (RA), Autopilot (AP) and Electronic Engine Instrument Displays (EEID).												
BA7- 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.												
B. Program Change Summary (\$ in Millions)				FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total				
Previous President's Budget				6.161	0.000	0.000	-	0.000				
Current President's Budget				6.161	0.000	0.000	-	0.000				
Total Adjustments				0.000	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				0.000	0.000							
• Other Adjustments				0.000	0.000	0.000	-	0.000				
C. Accomplishments/Planned Programs (\$ in Millions)								FY 2012	FY 2013	FY 2014		
Title: Block 45 Engineering Manufacturing Development (EMD)								6.161	0.000	0.000		

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C. Accomplishments/Planned Programs (\$ in Millions)								FY 2012	FY 2013	FY 2014	
Description: Non-Recurring Engineering and test efforts/tasks for all Block 45 sub programs											
FY 2012 Accomplishments: Completing flight testing at Edwards AFB. Finalizing Technical Orders (TOs), engineering technical data, and training development. Conducted aircrew and maintenance training for both developmental and operational test crews. Completed CNS/ATM compliance report and all reports and data required to support operational and airworthiness certification.											
Accomplishments/Planned Programs Subtotals								6.161	0.000	0.000	
D. Other Program Funding Summary (\$ in Millions)											
Line Item	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
• APAF:BA05:Line Item #C13500: <i>KC-135: Block 45</i>	31.454	38.672	42.030		42.030	64.377	58.029	52.143	55.880	239.800	582.423
Remarks											
E. Acquisition Strategy Block 45 - The strategy is a sole-source contract with Rockwell Collins to accomplish the task of performing analysis, testing, software development, prototypes, documentation of source data, and integrating a new Digital Flight Director (DFD), digital Autopilot (AP), digital Radar Altimeter (RA), and Electronic Engine Instrument Display (EEID). Rockwell Collins will be responsible for acquiring the necessary information and personnel to integrate each item stated above into the KC-135 legacy systems and for developing and subcontracting the components.											
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 0401218F: KC-135s						PROJECT 675261: KC-135 Upgrades			
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
Block 45 - NRE, engineering, development, and prototype	SS/FP	Rockwell Collins:Cedar Rapids, IA	-	1.670	Aug 2012	0.000		0.000		-		0.000	Continuing	Continuing	3.424
Subtotal			0.000	1.670		0.000		0.000		0.000		0.000			3.424
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
Block 45 developmental ground and flight test	PO	418 FTS:Edwards AFB, CA	-	4.124	Nov 2011	0.000		0.000		-		0.000	Continuing	Continuing	2.437
Subtotal			0.000	4.124		0.000		0.000		0.000		0.000			2.437
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
Block 45 TDY (PMA)	Various	Various:Various,	-	0.367		0.000		0.000		-		0.000	Continuing	Continuing	0.300
Subtotal			0.000	0.367		0.000		0.000		0.000		0.000			0.300
Project Cost Totals			0.000	6.161		0.000		0.000		0.000		0.000			6.161

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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

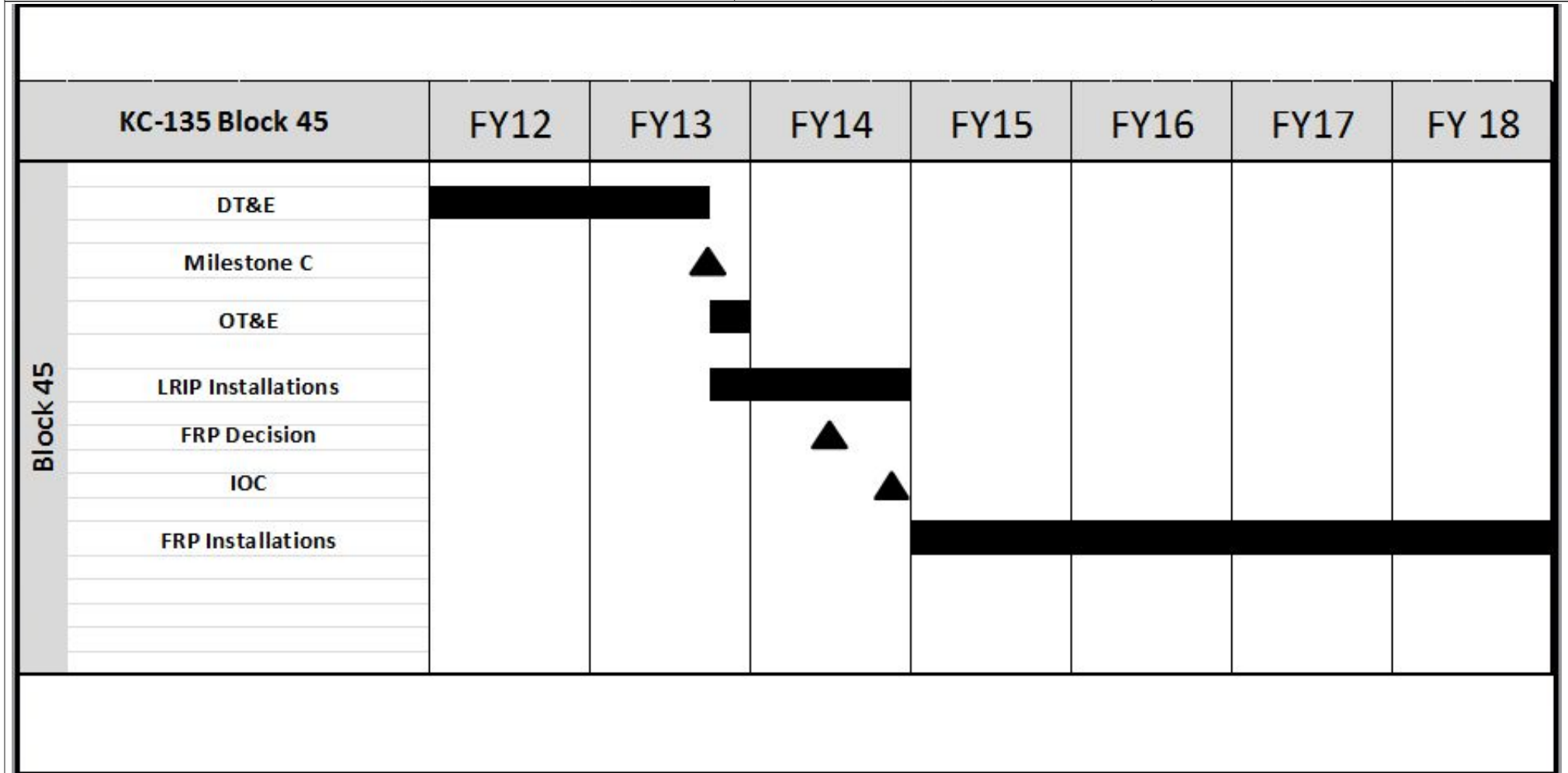
3600: *Research, Development, Test & Evaluation, Air Force*
BA 7: *Operational Systems Development*

R-1 ITEM NOMENCLATURE

PE 0401218F: KC-135s

PROJECT

675261: *KC-135 Upgrades*



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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
Blk 45 Developmental Test and Evaluation	1	2012	3	2013
Blk 45 Milestone C	4	2013	4	2013
Blk 45 Operational Test and Evaluation	4	2013	1	2014
Blk 45 Low Rate Initial Production	4	2013	4	2014
Blk 45 Full Rate Production Decision	2	2014	2	2014
Blk 45 Full Rate Production Installs	1	2015	4	2018
Blk 45 Initial Operational Capability	4	2014	4	2014