

**UNCLASSIFIED**

PE NUMBER: 0605278F  
 PE TITLE: HC/MC-130 Recap

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>	DATE <b>February 2008</b>
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<b>BUDGET ACTIVITY</b> <b>05 System Development and Demonstration (SDD)</b>	<b>PE NUMBER AND TITLE</b> <b>0605278F HC/MC-130 Recap</b>
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Cost (\$ in Millions)	FY 2007 Actual	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	0.000	0.000	11.692	10.054	4.015	2.504	2.500	Continuing	TBD
5249 HC/MC-130 Recap	0.000	0.000	11.692	10.054	4.015	2.504	2.500	Continuing	TBD

**(U) 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 Development Document (CDD) defines a common baseline configuration for the weapon system and a FY 2012 Initial Operational Capability. The JROC validated the CDD in Nov 2007.

The FY 2008 President's Budget, PE 0604261F, Personnel Recovery Systems included funds for CSAR-X and HC/MC-130 Recap projects. The FY 2009 PB separates the two projects into distinct PEs (0605277F and 0605278F, respectively) to provide more budget clarity. HC/MC-130 Recap was a FY 2008 New Start.

Procurement funding for HC/MC-130 Recap is included in Air Combat Command PE 0207224F and Air Force Special Operations Command PE 0207230F, as reported in P-Docs.

The FY 2009 PB requests RDT&E for systems engineering, integration and test of mature, fielded capabilities (eg., electro-optical-infrared imaging, Universal Aerial Refueling Receptacle Slipway Installation (UARRSI), Enhanced Cargo Handling System (ECHS) and Enhanced Service Life (ESL) Wing, Combat Systems Officer crew station, and other modifications) with medium-transport aircraft for the HC/MC-130 Recap aircraft.

The FY 2009 PB also requests funds in PE 1160429BB for USSOCOM to develop and procure SOF-peculiar modifications to the common-configured aircraft procured by the USAF.

**(U) B. Program Change Summary (\$ in Millions)**

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Previous President's Budget	0.000	0.000	0.000
(U) Current PBR/President's Budget	0.000	0.000	11.692
(U) Total Adjustments	0.000	0.000	
(U) Congressional Program Reductions			
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer			

**(U) Significant Program Changes:**

HC-130 Recap was a new start in FY 2008; funds were included in PE 0604261F

Exhibit R-2a, RDT&E Project Justification

DATE  
February 2008

BUDGET ACTIVITY <b>05 System Development and Demonstration (SDD)</b>				PE NUMBER AND TITLE <b>0605278F HC/MC-130 Recap</b>			PROJECT NUMBER AND TITLE <b>5249 HC/MC-130 Recap</b>		
Cost (\$ in Millions)	FY 2007 Actual	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
5249 HC/MC-130 Recap	0.000	0.000	11.692	10.054	4.015	2.504	2.500	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

(U) **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 Development Document (CDD) defines a common baseline configuration for the weapon system and a FY 2012 Initial Operational Capability. The JROC validated the CDD in Nov 2007.

The FY 2008 President's Budget, PE 0604261F, Personnel Recovery Systems included funds for CSAR-X and HC/MC-130 Recap projects. The FY 2009 PB separates the two projects into distinct PEs (0605277F and 0605278F, respectively) to provide more budget clarity. HC/MC-130 Recap was a FY 2008 New Start.

Procurement funding for HC/MC-130 Recap is included in Air Combat Command PE 0207224F and Air Force Special Operations Command PE 0207230F, as reported in P-Docs.

The FY 2009 PB requests RDT&E for systems engineering, integration and test of mature, fielded capabilities (eg., electro-optical-infrared imaging, Universal Aerial Refueling Receptacle Slipway Installation (UARRSI), Enhanced Cargo Handling System (ECHS) and Enhanced Service Life (ESL) Wing, Combat Systems Officer crew station, and other modifications) with medium-transport aircraft for the HC/MC-130 Recap aircraft.

The FY 2009 PB also requests funds in PE 1160429BB for USSOCOM to develop and procure SOF-peculiar modifications to the common-configured aircraft procured by the USAF.

(U) **B. Accomplishments/Planned Program (\$ in Millions)**

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Acquisition Planning, Milestone Preparation, RFP development and Source Selection Activities			2.250
(U) Systems Engineering and Integration			4.740
(U) Test and Evaluation Planning, Conduct and Support			4.702
(U) Total Cost	0.000	0.000	11.692

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

	<u>FY 2007</u> <u>Actual</u>	<u>FY 2008</u> <u>Estimate</u>	<u>FY 2009</u> <u>Estimate</u>	<u>FY 2010</u> <u>Estimate</u>	<u>FY 2011</u> <u>Estimate</u>	<u>FY 2012</u> <u>Estimate</u>	<u>FY 2013</u> <u>Estimate</u>	<u>Cost to</u> <u>Complete</u>	<u>Total Cost</u>
(U) HC Recap RDT&E PE 0604261F (Proj 5249)	0.000	9.937	0.000	0.000	0.000	0.000	0.000	0.000	9.937
(U) HC/MC-130 Recap APAF (Including Advance Procurement)	0.000	75.221	587.677	734.688	671.980	608.478	588.465	Continuing	TBD

## Exhibit R-2a, RDT&amp;E Project Justification

DATE

February 2008

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0605278F HC/MC-130 Recap

PROJECT NUMBER AND TITLE

5249 HC/MC-130 Recap

(U) D. Acquisition Strategy

AF plans to procure modified KC-130Js in FY 2009 and FY 2010 to meet the Warfighter's immediate requirement and conduct a business case analysis to determine the acquisition strategy to procure the remaining aircraft.

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**Exhibit R-3, RDT&E Project Cost Analysis**

DATE

**February 2008**

BUDGET ACTIVITY				PE NUMBER AND TITLE					PROJECT NUMBER AND TITLE			
<b>05 System Development and Demonstration (SDD)</b>				<b>0605278F HC/MC-130 Recap</b>					<b>5249 HC/MC-130 Recap</b>			
(U) <u>Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; Location</u>	<u>Total Prior to FY 2007 Cost</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>FY 2008 Cost</u>	<u>FY 2008 Award Date</u>	<u>FY 2009 Cost</u>	<u>FY 2009 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
(U) <u>Product Development</u>												
Systems Engineering and Integration	TBD	TBD		0.000				4.740	Nov-08	15.000	19.740	TBD
Subtotal Product Development			0.000	0.000		0.000		4.740		15.000	19.740	TBD
Remarks:												
(U) <u>Support</u>											0.000	
Subtotal Support			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) <u>Test &amp; Evaluation</u>												
Test and Evaluation Conduct	TBD	TBD		0.000				2.300	Nov-08	2.000	4.300	TBD
Test and Evaluation Support	TBD	TBD		0.000				2.402	Nov-08	2.000	4.402	TBD
Subtotal Test & Evaluation			0.000	0.000		0.000		4.702		4.000	8.702	TBD
Remarks:												
(U) <u>Management</u>												
SPO Support	TBD	TBD						2.250			2.250	
Subtotal Management			0.000	0.000		0.000		2.250		0.000	2.250	0.000
Remarks:												
(U) Total Cost			0.000	0.000		0.000		11.692		19.000	30.692	TBD

Exhibit R-4, RDT&E Schedule Profile

DATE

February 2008

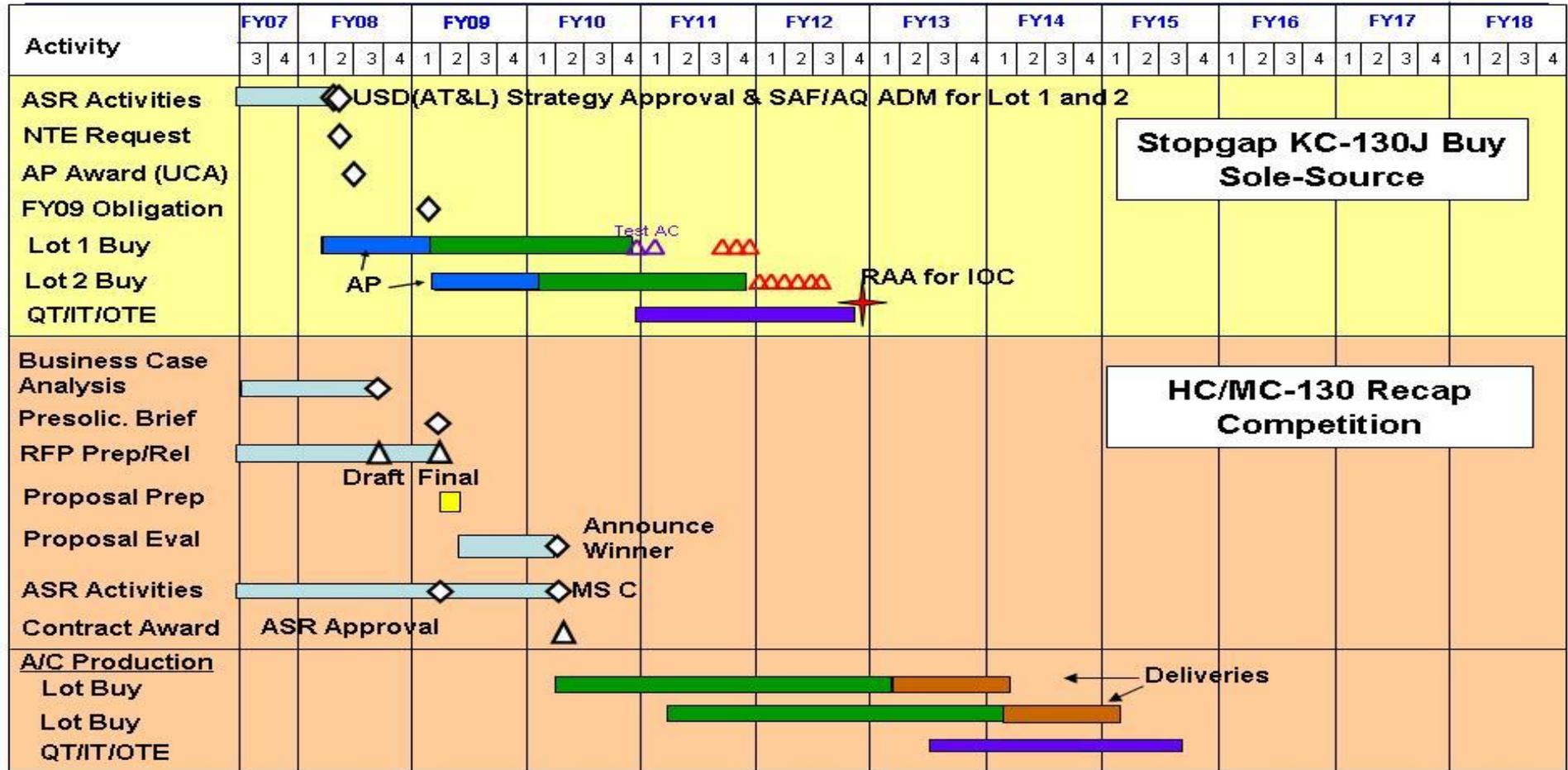
BUDGET ACTIVITY  
05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE  
0605278F HC/MC-130 Recap

PROJECT NUMBER AND TITLE  
5249 HC/MC-130 Recap

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# HC/MC-130 Recapitalization Program Schedule



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Project 5249

Exhibit R-4 (PE 0605278F)

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<b>Exhibit R-4a, RDT&amp;E Schedule Detail</b>	DATE <b>February 2008</b>
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BUDGET ACTIVITY <b>05 System Development and Demonstration (SDD)</b>	PE NUMBER AND TITLE <b>0605278F HC/MC-130 Recap</b>	PROJECT NUMBER AND TITLE <b>5249 HC/MC-130 Recap</b>
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	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) <b><u>Schedule Profile</u></b>			
(U) Conduct Market Research	1-3Q		
(U) Develop Acquisition Strategy	1-4Q		
(U) JROC Validation of CDD		1Q	
(U) Acquisition Strategy Approval		2Q	
(U) Advance Procurement Contract Award (Lot 1)		2Q	
(U) Production Contract Award (Lot 1)			1Q
(U) Advance Procurement Contract Award (Lot 2)			1Q