

UNCLASSIFIED

PE NUMBER: 0207224F
 PE TITLE: COMBAT RESCUE AND RECOVERY

Exhibit R-2, RDT&E Budget Item Justification	DATE February 2007
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BUDGET ACTIVITY 07 Operational System Development	PE NUMBER AND TITLE 0207224F COMBAT RESCUE AND RECOVERY
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Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	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	50.672	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.261
5125 Personnel Recovery Vehicle	50.672	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.261

(U) A. Mission Description and Budget Item Justification

The Combat Rescue and Recovery PE 0207224F was used for the planned development of the HC-130 Tanker Conversion, and Personnel Recovery Vehicle (PRV) programs.

In preparation for the FY07 President's Budget, the PRV program was renamed Combat Search and Rescue Replacement Vehicle (CSAR-X) to more accurately describe its intended mission, and funding was transferred to a new development PE 0604261F, "Personnel Recovery Systems", project number 655213.

In preparation for the FY08 President's Budget, the HC-130 Tanker Conversion program was terminated and the HC-130 Recapitalization program was initiated, with development funds moved to PE 0604261F, project number 655249.

The primary mission of the Combat Search and Rescue Replacement Vehicle (CSAR-X) is to recover downed aircrew and isolated personnel from hostile or denied territory. Rescue forces may also conduct other missions inherent in their capabilities to conduct Personnel Recovery (PR), such as non-conventional assisted recovery, non-combatant evacuation operations, civil search and rescue, international aid, emergency medical evacuation, disaster/humanitarian relief, and insertion/extraction of combat forces.

Program descriptions are listed in Exhibits R-2a.

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Previous President's Budget	113.825	0.000		
(U) Current PBR/President's Budget	50.672	0.000		
(U) Total Adjustments	-63.153			
(U) Congressional Program Reductions	-42.000			
Congressional Rescissions	-1.030			
Congressional Increases				
Reprogrammings	-20.000			
SBIR/STTR Transfer	-0.123			

(U) Significant Program Changes:

The Personnel Recovery Vehicle program name has been changed to CSAR-X. The FY06 Defense Appropriations Act reduced the President's Request due to contract award delays. USAF transferred \$20M to other priorities and also due to delay in contract award. CSAR-X RDT&E funding after FY06 has been transferred to PE

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0604261F.

CSAR-X successfully completed Block 0 Milestone (MS) B on 31 Oct 06.

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Cost (\$ in Millions)	FY 2006 Actual	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
5125 Personnel Recovery Vehicle	50.672	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	77.261
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) SPO support in development of test and evaluation master plan, acquisition strategy, preparation of Milestone B (MS B) documentation, development of request for proposals, and support of source selection activities and contract award.	4.581			
(U) Studies and Analysis	0.908			
(U) Government Test	0.230			
(U) Test and evaluation planning				
(U) Block 0 System Development and Demonstration (SDD) to include, but not limited to non-recurring engineering, test vehicle hardware, and data.	44.953			
(U)				
(U)				
(U)				
(U) Total Cost	50.672	0.000	0.000	0.000

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

	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Complete</u>							
(U) APAF (including Advanced Procurement), PE 0207224F				65.900	657.625	624.000	804.343	960.459	Continuing	TBD
(U) RDT&E, AF PE 0604261F		200.695	279.958	344.908	368.310	342.700	261.770	260.415	Continuing	TBD

(U) D. Acquisition Strategy

The CSAR-X program will pursue an incremental development strategy. There will be a Block 0 and a Block 10 platform. Block 0 development will field a new Combat Search and Rescue (CSAR) weapon system. Block 0 will correct HH-60G force-size shortfalls while improving current CSAR capabilities of range, payload, armament, and defensive systems. Block 10 will provide for the insertion of additionally systems and improved technologies into the CSAR-X to meet all thresholds stated in the CDD.

Block 0 production deliveries will begin FY11, and have an Initial Operational Capability (IOC) in FY12. At the conclusion of Block 10 Operational Testing, the program will begin Block 10 aircraft production and the retrofitting of Block 0 aircraft to a Block 10 configuration. The program will procure and field 141 CSAR-X helicopters along with support equipment, spares, as well as aircrew and maintenance trainers and Type 1 training.

Block 10 development is planned to begin in FY08 after a successful Milestone A decision. Block 10 will develop two Test Vehicles to the Block 10 configuration allowing design, integration, and test of the Block 10 capabilities.

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Exhibit R-3, RDT&E Project Cost Analysis

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(U) <u>Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method & Type</u>	<u>Performing Activity & Location</u>	<u>Total Prior to FY 2006 Cost</u>	<u>FY 2006</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2009</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
				<u>Cost</u>	<u>Award Date</u>									
(U) <u>Product Development</u> Studies and Analysis Block 0 SDD	TBD			0.908		0.000							0.908	
	CPIF/AF	Boeing Integrated Defense Sytems, Ridley Park, PA		30.421									30.421	
Test Vehicle Hardware	CPIF/AF	Boeing Integrated Defense Sytems, Ridley Park, PA		14.532									14.532	
Subtotal Product Development			0.000	45.861		0.000		0.000		0.000		0.000	45.861	0.000
Remarks:														
(U) <u>Support</u>	TBD			0.000		0.000		0.000		0.000			0.000	0.000
Subtotal Support			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
(U) <u>Test & Evaluation</u> Government Test & Evaluation	413 FLTS, Eglin AFB			0.230									0.230	
Subtotal Test & Evaluation			0.000	0.230		0.000		0.000		0.000		0.000	0.230	0.000
Remarks:														
(U) <u>Management</u>	TBD			4.581									4.581	
Subtotal Management			0.000	4.581		0.000		0.000		0.000		0.000	4.581	0.000
Remarks:														
(U) Total Cost			0.000	50.672		0.000		0.000		0.000		0.000	50.672	0.000

Exhibit R-4, RDT&E Schedule Profile

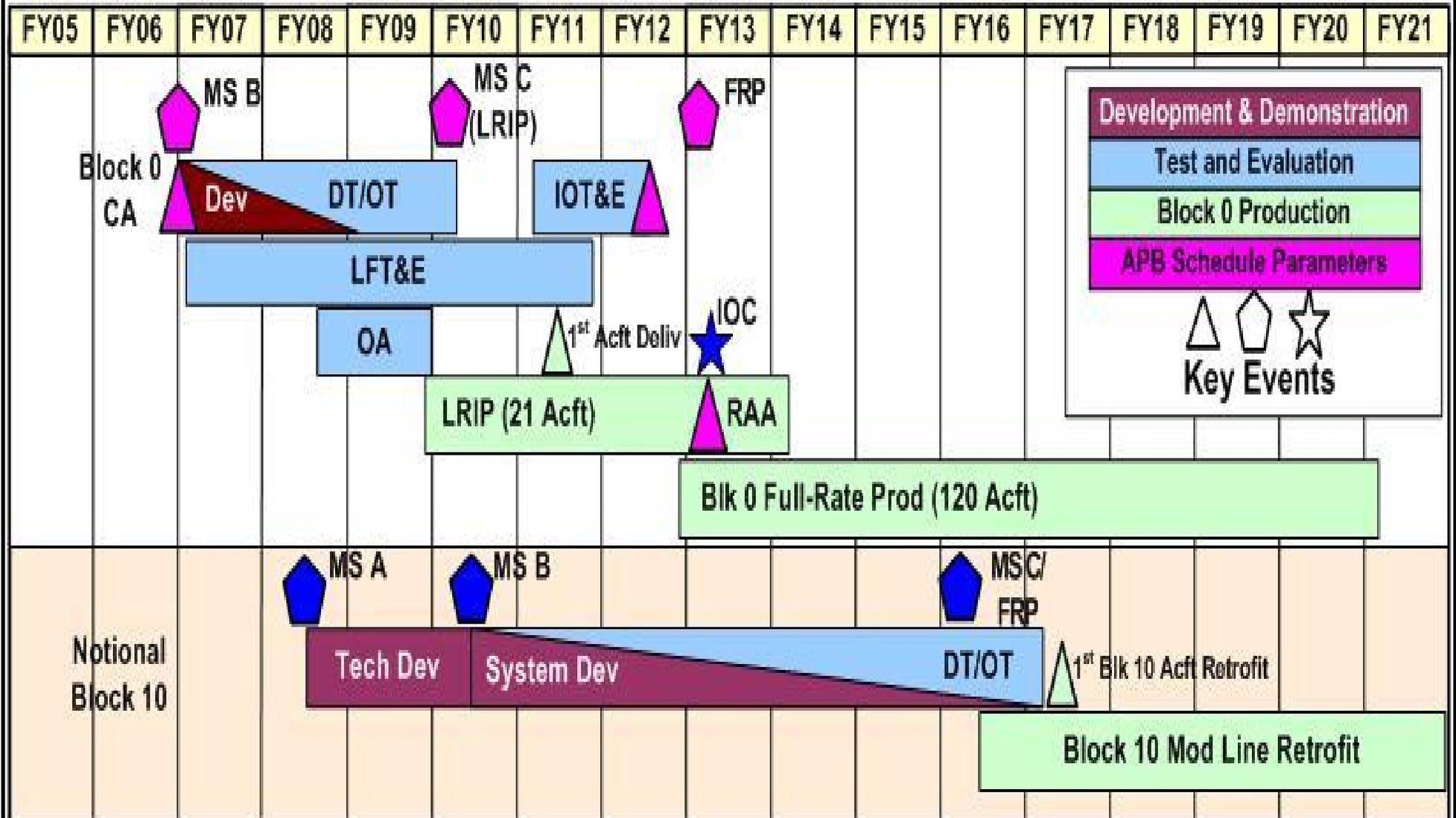
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PROJECT NUMBER AND TITLE
5125 Personnel Recovery Vehicle



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Exhibit R-4a, RDT&E Schedule Detail

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PROJECT NUMBER AND TITLE

5125 Personnel Recovery Vehicle

(U) **Schedule Profile**

FY 2006

FY 2007

FY 2008

FY 2009

(U) RFP Release

1Q

(U) Conduct PRV Source Selection

1-4Q

(U) Block 0 Milestone (MS) B

1Q

(U) Contract Award

1Q

(U) Block 10 MS A

3Q