

## UNCLASSIFIED

PE NUMBER: 0604600F

PE TITLE: Munitions Dispenser Development

## Exhibit R-2, RDT&amp;E Budget Item Justification

DATE

February 2005

## BUDGET ACTIVITY

## 05 System Development and Demonstration (SDD)

## PE NUMBER AND TITLE

## 0604600F Munitions Dispenser Development

Cost (\$ in Millions)	FY 2004 Actual	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	16.685	27.801	21.738	0.000	0.000	0.000	0.000	0.000	0.000	69.587
1015 Wind Corrected Munitions Dispenser (WCMD) Kit	16.685	27.801	21.738	0.000	0.000	0.000	0.000	0.000	0.000	69.587

(U) **A. Mission Description and Budget Item Justification**

This project extends the range and improves accuracy of the Wind Corrected Munitions Dispenser (WCMD) through the development of a wing kit and integration of a GPS equipped tail kit into the CBU-87 (soft and area targets) and CBU-97 (anti-armor targets) dispensers. Wind Corrected Munitions Dispenser Extended Range (WCMD-ER) will increase the standoff range with GPS guidance and a wing kit, maintaining current weapon effectiveness on both bombers and fighters. The WCMD-ER development is two phased, supporting an initial capability on the F-16 and a final capability on the B-52. WCMD-ER significantly contributes to Air Force warfighting capability.

This is funded in budget activity 5, System Development and Demonstration, because it develops the WCMD-ER and associated software, flight testing, and other developmental efforts.

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

	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Previous President's Budget	17.499	28.048	21.992	0.000
(U) Current PBR/President's Budget	16.685	27.801	21.738	0.000
(U) Total Adjustments	-0.814	-0.247		
(U) Congressional Program Reductions	0.000	-0.247		
Congressional Rescissions	0.000	0.000		
Congressional Increases	0.000	0.000		
Reprogrammings	-0.285	0.000		
SBIR/STTR Transfer	-0.529	0.000		
(U) <b><u>Significant Program Changes:</u></b>				
None				

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

DATE

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BUDGET ACTIVITY 05 System Development and Demonstration (SDD)					PE NUMBER AND TITLE 0604600F Munitions Dispenser Development			PROJECT NUMBER AND TITLE 1015 Wind Corrected Munitions Dispenser (WCMD) Kit		
Cost (\$ in Millions)	FY 2004 Actual	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
1015 Wind Corrected Munitions Dispenser (WCMD) Kit	16.685	27.801	21.738	0.000	0.000	0.000	0.000	0.000	0.000	69.587
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) **A. Mission Description and Budget Item Justification**

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

	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Continue WCMD-ER contract to design and procure test hardware.	13.910	18.242	10.247	
(U) Continue aircraft integration and testing on F-16 and B-52 and	0.478	6.635	9.068	
(U) Continue engineering support, program office support, and other government support.	0.497	2.924	2.423	
(U) Passive Attack Weapon development funding (now in AF W/H, but still in program's PE)	1.800			
(U) Total Cost	16.685	27.801	21.738	0.000

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

	<u>FY 2004</u> <u>Actual</u>	<u>FY 2005</u> <u>Estimate</u>	<u>FY 2006</u> <u>Estimate</u>	<u>FY 2007</u> <u>Estimate</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>Cost to</u> <u>Complete</u>	<u>Total Cost</u>
Procurement of Ammunition,										
(U) AF	71.873	58.443	0.000	0.000	0.000	0.000	0.000	0.000	0.000	130.316
P-1 Line Item 8										

(U) **D. Acquisition Strategy**

This program was approved as a Lockheed-Martin pre-planned product improvement by the Secretary of the Air Force. The System Development and Demonstration effort is a Cost Plus Award Fee Contract. The Award Fee program provides incentives for contractor performance including meeting the production unit cost for follow on production contracts.

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Exhibit R-3, RDT&E Project Cost Analysis											DATE February 2005			
BUDGET ACTIVITY 05 System Development and Demonstration (SDD)					PE NUMBER AND TITLE 0604600F Munitions Dispenser Development					PROJECT NUMBER AND TITLE 1015 Wind Corrected Munitions Dispenser (WCMD) Kit				
(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 2004 Cost</u>	<u>FY 2004 Cost</u>	<u>FY 2004 Award Date</u>	<u>FY 2005 Cost</u>	<u>FY 2005 Award Date</u>	<u>FY 2006 Cost</u>	<u>FY 2006 Award Date</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
(U) <u>Product Development</u> Lockheed Martin	C/CPAF	Missile & Fire Control, Orlando, FL	3.284	13.910	Oct-03	18.241	Jan-05	10.247	Jan-06			0.000	45.682	45.682
Subtotal Product Development			3.284	13.910		18.241		10.247		0.000		0.000	45.682	45.682
Remarks:														
(U) <u>Support</u> AAC/YH	Various	Eglin AFB, FL	0.000	0.059		2.570		1.973				0.000	4.602	4.602
Support Contracts	Various	Eglin AFB, FL	0.000	0.350	Dec-03	0.354	Dec-04	0.450	Dec-05			0.000	1.154	1.154
Subtotal Support			0.000	0.409		2.924		2.423		0.000		0.000	5.756	5.756
Remarks:														
(U) <u>Test &amp; Evaluation</u> 46 OG/OGML	REO	Eglin AFB, FL	0.010	0.520		3.420		6.508				0.000	10.458	10.458
Aircraft Integration	AF 616	Tinker AFB, OK and WPAFB, OH	0.069	0.000		3.216		2.560				0.000	5.845	5.845
Subtotal Test & Evaluation			0.079	0.520		6.636		9.068		0.000		0.000	16.303	16.303
Remarks:														
(U) <u>Management</u>													0.000	0.000
Subtotal Management			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000
Remarks:														
(U) <u>Adjusting Entries</u> Passive Area Attack Develop Funding (in Program's PE, but now on AF Withhold.				1.800									1.800	1.800
Withdrawal on BA of \$46K was not posted to ABIDES				0.046									0.046	0.046
Subtotal Adjusting Entries			0.000	1.846		0.000		0.000		0.000		0.000	1.846	1.846
Remarks:														
(U) Total Cost			3.363	16.685		27.801		21.738		0.000		0.000	69.587	69.587

Project 1015

R-1 Shopping List - Item No. 79-4 of 79-6

Exhibit R-3 (PE 0604600F)

## Exhibit R-4, RDT&amp;E Schedule Profile

DATE

February 2005

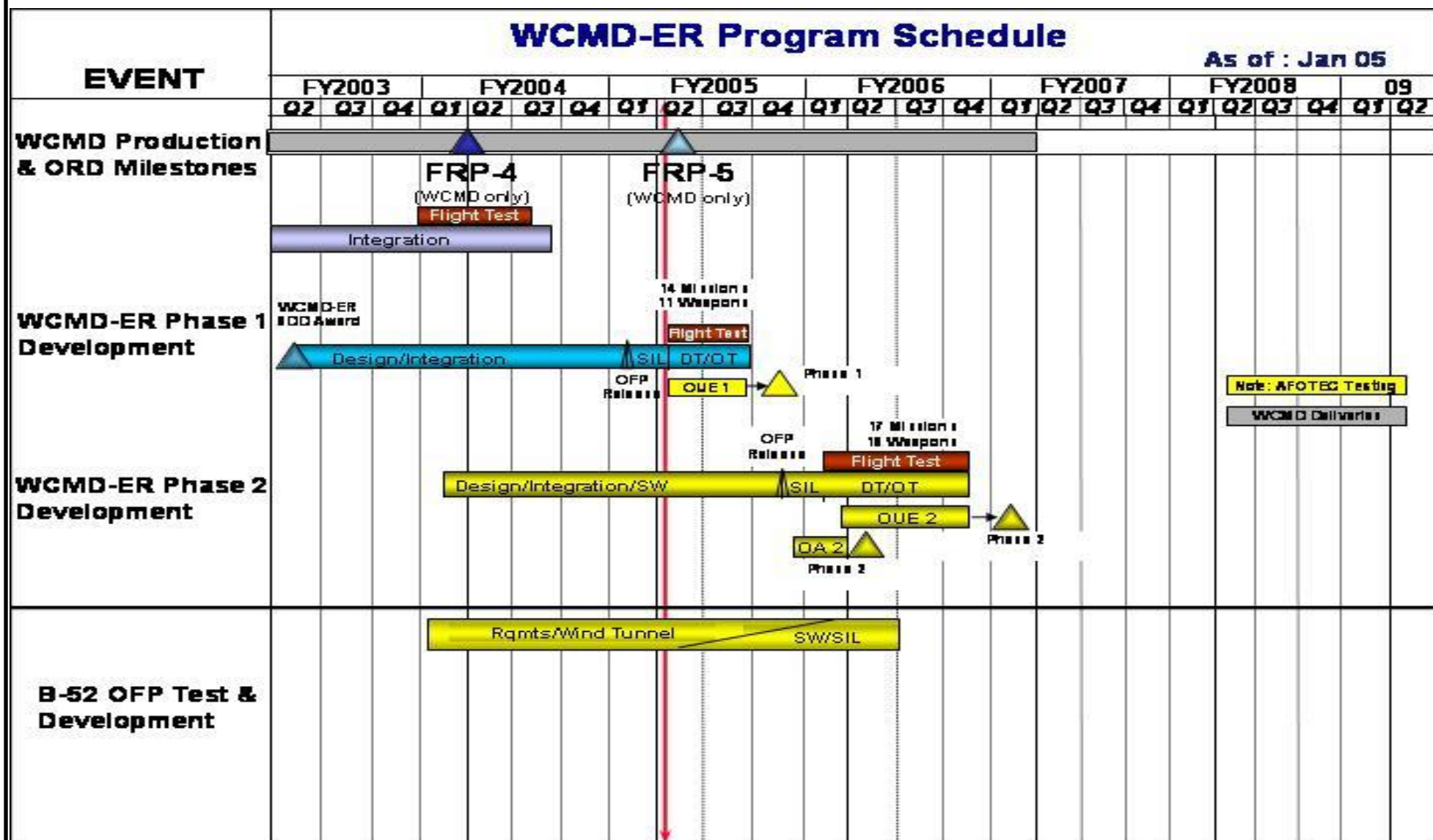
BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604600F Munitions Dispenser  
Development

PROJECT NUMBER AND TITLE

1015 Wind Corrected Munitions  
Dispenser (WCMD) Kit

Project 1015

R-1 Shopping List - Item No. 79-5 of 79-6

Exhibit R-4 (PE 0604600F)

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## Exhibit R-4a, RDT&amp;E Schedule Detail

DATE

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PE NUMBER AND TITLE

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Development

PROJECT NUMBER AND TITLE

1015 Wind Corrected Munitions  
Dispenser (WCMD) Kit(U) Schedule ProfileFY 2004FY 2005FY 2006FY 2007

(U) System Development and Demonstration Contract

1Q

1Q

1Q

(U) Preliminary Design Review

1Q

(U) Critical Design Review

1Q

(U) Phase 1 Flight Schedule

3Q

(U) Phase 2 Flight Schedule

1Q