

UNCLASSIFIED

PE NUMBER: 0604600F

PE TITLE: Munitions Dispenser Development

Exhibit R-2, RDT&E Budget Item Justification

DATE

February 2006

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

PE NUMBER AND TITLE

0604600F Munitions Dispenser Development

Cost (\$ in Millions)	FY 2005 Actual	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	25.870	5.952	0.000	0.000	0.000	0.000	0.000	0.000	69.587
1015 Wind Corrected Munitions Dispenser (WCMD) Kit	25.870	5.952	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. The WCMD-ER development supports an initial capability on the F-16 and provides the AF's only standoff, anti-armor capability and clean battlefield area munitions.

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 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Previous President's Budget	27.801	21.738	0.000
(U) Current PBR/President's Budget	25.870	5.952	0.000
(U) Total Adjustments	-1.931	-15.786	
(U) Congressional Program Reductions		-15.700	
Congressional Rescissions	-0.021	-0.086	
Congressional Increases			
Reprogrammings	-1.246		
SBIR/STTR Transfer	-0.664		

(U) **Significant Program Changes:**

Congress approved realignment of WCMD-ER 3600 FY06 funding to WCMD-ER 3011 production funding.

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Exhibit R-2a, RDT&E Project Justification

DATE

February 2006

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 2005 Actual	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	25.870	5.952	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		

(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. The WCMD-ER development supports an initial capability on the F-16 and provides the AF's only standoff, anti-armor capability and clean battlefield area munitions.

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

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Continue WCMD-ER contract to design and procure test hardware.	18.811	4.595	
(U) Continue aircraft integration and testing on F-16 and B-52	6.274	0.878	
(U) Continue engineering support, program office support, and other government support.	0.785	0.479	
(U) Total Cost	25.870	5.952	0.000

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

	<u>FY 2005</u> <u>Actual</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>
(U) Procurement of Ammunition, AF P-1 Line Item 8	58.398	15.490	34.704	0.000	0.000	0.000	0.000	0.000	108.592

(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 2006			
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</u> <u>Method &</u> <u>Type</u>	<u>Performing</u> <u>Activity &</u> <u>Location</u>	<u>Total</u> <u>Prior to FY</u> <u>2005</u> <u>Cost</u>	<u>FY 2005</u> <u>Cost</u>	<u>FY 2005</u> <u>Award</u> <u>Date</u>	<u>FY 2006</u> <u>Cost</u>	<u>FY 2006</u> <u>Award</u> <u>Date</u>	<u>FY 2007</u> <u>Cost</u>	<u>FY 2007</u> <u>Award</u> <u>Date</u>	<u>Cost to</u> <u>Complete</u>	<u>Total Cost</u>	<u>Target Value</u> <u>of Contract</u>	
(U) <u>Product Development</u> Lockheed Martin	C/CPAF	Missile & Fire Control, Orlando, FL		18.811	Jan-05	4.595	Oct-05			0.000	23.406	45.682	
Subtotal Product Development			0.000	18.811		4.595		0.000		0.000	23.406	45.682	
Remarks:													
(U) <u>Support</u> AAC/YH	Various	Eglin AFB, FL		0.114		0.080				0.000	0.194	4.602	
Support Contracts	Various	Eglin AFB, FL		0.364	Dec-04	0.399	Feb-06			0.000	0.763	1.154	
Subtotal Support			0.000	0.478		0.479		0.000		0.000	0.957	5.756	
Remarks:													
(U) <u>Test & Evaluation</u> 46 OG/OGML	REO	Eglin AFB, FL		2.925		0.050				0.000	2.975	10.458	
Safety				0.030		0.000					0.030		
Aircraft Integration	AF 616	Tinker AFB, OK and WPAFB, OH		3.349		0.828				0.000	4.177	5.845	
Subtotal Test & Evaluation			0.000	6.304		0.878		0.000		0.000	7.182	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	
Remarks:													
(U) <u>Adjusting Entries</u> Withdrawal of \$224K for ANSR not posted to ABIDES				0.224							0.224	1.800	
Withdrawal of \$53K for AF withholds not posted to ABIDES				0.053							0.053	0.046	
Subtotal Adjusting Entries			0.000	0.277		0.000		0.000		0.000	0.277	1.846	
Remarks:													
(U)											0.000		
Subtotal			0.000	0.000		0.000		0.000		0.000	0.000	0.000	
Remarks:													
(U)											0.000		
Subtotal			0.000	0.000		0.000		0.000		0.000	0.000	0.000	
Remarks:													
(U) Total Cost			0.000	25.870		5.952		0.000		0.000	31.822	69.587	
Project 1015													

R-1 Shopping List - Item No. 82-4 of 82-6

Exhibit R-3 (PE 0604600F)

R-1 Shopping List - Item No. 82-4 of 82-6

Exhibit R-3 (PE 0604600F)

BUDGET ACTIVITY

05 System Development and Demonstration (SDD)

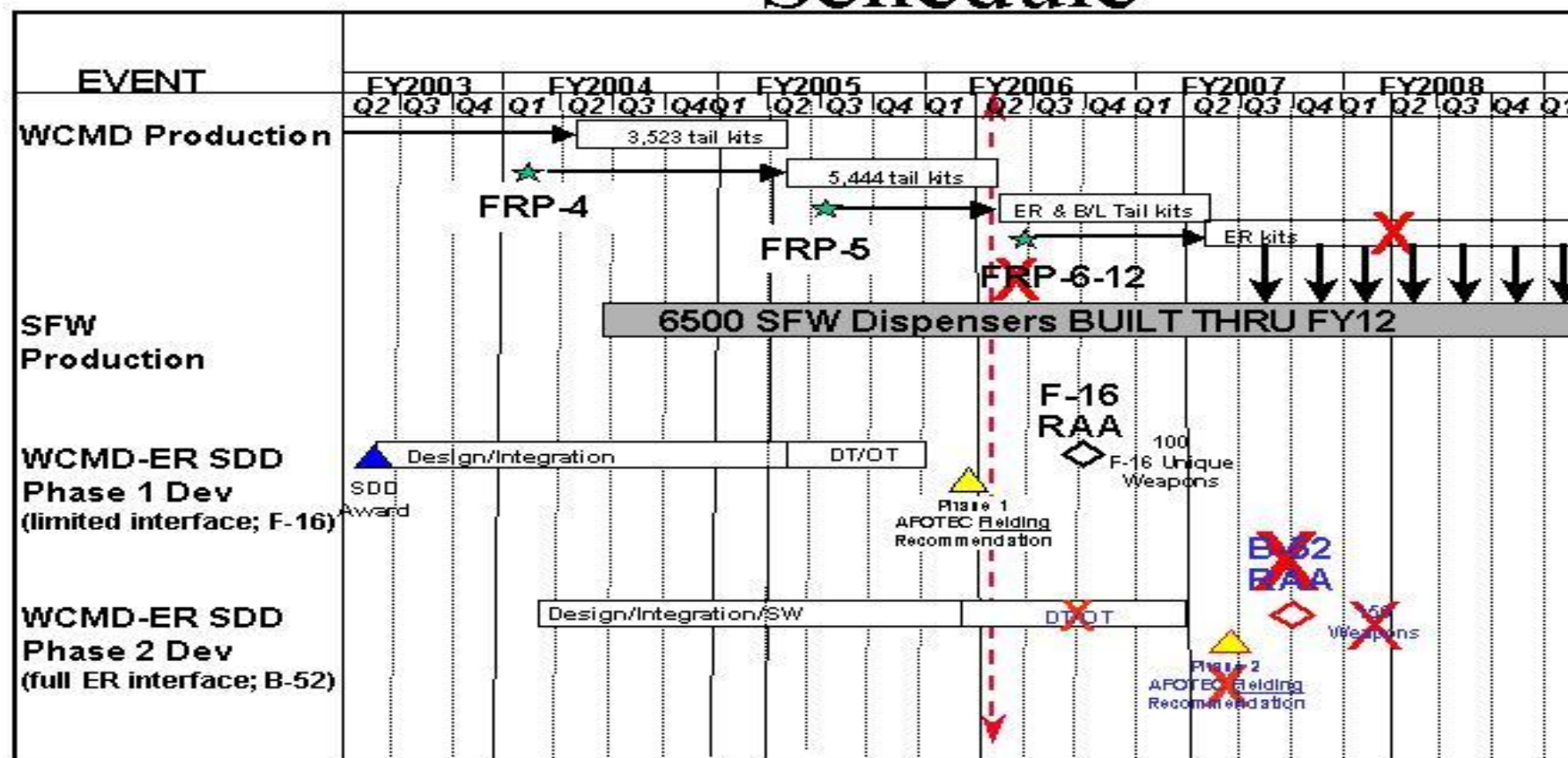
PE NUMBER AND TITLE

0604600F Munitions Dispenser Development

PROJECT NUMBER AND TITLE	DATE	STATUS	REMARKS
1. PROJECT A	2023-01-15	Completed	Project A completed successfully.
2. PROJECT B	2023-02-01	In Progress	Project B is currently in progress.
3. PROJECT C	2023-02-10	On Hold	Project C is on hold due to resource allocation.
4. PROJECT D	2023-02-20	Planned	Project D is planned for the future.
5. PROJECT E	2023-03-01	Completed	Project E completed successfully.
6. PROJECT F	2023-03-15	In Progress	Project F is currently in progress.
7. PROJECT G	2023-03-20	On Hold	Project G is on hold due to resource allocation.
8. PROJECT H	2023-04-01	Planned	Project H is planned for the future.
9. PROJECT I	2023-04-15	Completed	Project I completed successfully.
10. PROJECT J	2023-04-20	In Progress	Project J is currently in progress.
11. PROJECT K	2023-05-01	On Hold	Project K is on hold due to resource allocation.
12. PROJECT L	2023-05-15	Planned	Project L is planned for the future.
13. PROJECT M	2023-05-20	Completed	Project M completed successfully.
14. PROJECT N	2023-06-01	In Progress	Project N is currently in progress.
15. PROJECT O	2023-06-15	On Hold	Project O is on hold due to resource allocation.
16. PROJECT P	2023-06-20	Planned	Project P is planned for the future.
17. PROJECT Q	2023-07-01	Completed	Project Q completed successfully.
18. PROJECT R	2023-07-15	In Progress	Project R is currently in progress.
19. PROJECT S	2023-07-20	On Hold	Project S is on hold due to resource allocation.
20. PROJECT T	2023-08-01	Planned	Project T is planned for the future.
21. PROJECT U	2023-08-15	Completed	Project U completed successfully.
22. PROJECT V	2023-08-20	In Progress	Project V is currently in progress.
23. PROJECT W	2023-09-01	On Hold	Project W is on hold due to resource allocation.
24. PROJECT X	2023-09-15	Planned	Project X is planned for the future.
25. PROJECT Y	2023-09-20	Completed	Project Y completed successfully.
26. PROJECT Z	2023-10-01	In Progress	Project Z is currently in progress.
27. PROJECT AA	2023-10-15	On Hold	Project AA is on hold due to resource allocation.
28. PROJECT AB	2023-10-20	Planned	Project AB is planned for the future.
29. PROJECT AC	2023-11-01	Completed	Project AC completed successfully.
30. PROJECT AD	2023-11-15	In Progress	Project AD is currently in progress.
31. PROJECT AE	2023-11-20	On Hold	Project AE is on hold due to resource allocation.
32. PROJECT AF	2023-12-01	Planned	Project AF is planned for the future.
33. PROJECT AG	2023-12-15	Completed	Project AG completed successfully.
34. PROJECT AH	2023-12-20	In Progress	Project AH is currently in progress.
35. PROJECT AI	2024-01-01	On Hold	Project AI is on hold due to resource allocation.
36. PROJECT AJ	2024-01-15	Planned	Project AJ is planned for the future.
37. PROJECT AK	2024-01-20	Completed	Project AK completed successfully.
38. PROJECT AL	2024-02-01	In Progress	Project AL is currently in progress.
39. PROJECT AM	2024-02-15	On Hold	Project AM is on hold due to resource allocation.
40. PROJECT AN	2024-02-20	Planned	Project AN is planned for the future.
41. PROJECT AO	2024-03-01	Completed	Project AO completed successfully.
42. PROJECT AP	2024-03-15	In Progress	Project AP is currently in progress.
43. PROJECT AQ	2024-03-20	On Hold	Project AQ is on hold due to resource allocation.
44. PROJECT AR	2024-04-01	Planned	Project AR is planned for the future.
45. PROJECT AS	2024-04-15	Completed	Project AS completed successfully.
46. PROJECT AT	2024-04-20	In Progress	Project AT is currently in progress.
47. PROJECT AU	2024-05-01	On Hold	Project AU is on hold due to resource allocation.
48. PROJECT AV	2024-05-15	Planned	Project AV is planned for the future.
49. PROJECT AW	2024-05-20	Completed	Project AW completed successfully.
50. PROJECT AX	2024-06-01	In Progress	Project AX is currently in progress.
51. PROJECT AY	2024-06-15	On Hold	Project AY is on hold due to resource allocation.
52. PROJECT AZ	2024-06-20	Planned	Project AZ is planned for the future.
53. PROJECT BA	2024-07-01	Completed	Project BA completed successfully.
54. PROJECT BB	2024-07-15	In Progress	Project BB is currently in progress.
55. PROJECT BC	2024-07-20	On Hold	Project BC is on hold due to resource allocation.
56. PROJECT BD	2024-08-01	Planned	Project BD is planned for the future.
57. PROJECT BE	2024-08-15	Completed	Project BE completed successfully.
58. PROJECT BF	2024-08-20	In Progress	Project BF is currently in progress.
59. PROJECT BG	2024-09-01	On Hold	Project BG is on hold due to resource allocation.
60. PROJECT BH	2024-09-15	Planned	Project BH is planned for the future.
61. PROJECT BI	2024-09-20	Completed	Project BI completed successfully.
62. PROJECT BJ	2024-10-01	In Progress	Project BJ is currently in progress.
63. PROJECT BK	2024-10-15	On Hold	Project BK is on hold due to resource allocation.
64. PROJECT BL	2024-10-20	Planned	Project BL is planned for the future.
65. PROJECT BM	2024-11-01	Completed	Project BM completed successfully.
66. PROJECT BN	2024-11-15	In Progress	Project BN is currently in progress.
67. PROJECT BO	2024-11-20	On Hold	Project BO is on hold due to resource allocation.
68. PROJECT BP	2024-12-01	Planned	Project BP is planned for the future.
69. PROJECT BQ	2024-12-15	Completed	Project BQ completed successfully.
70. PROJECT BR	2024-12-20	In Progress	Project BR is currently in progress.
71. PROJECT BS	2025-01-01	On Hold	Project BS is on hold due to resource allocation.
72. PROJECT BT	2025-01-15	Planned	Project BT is planned for the future.
73. PROJECT BU	2025-01-20	Completed	Project BU completed successfully.
74. PROJECT BV	2025-02-01	In Progress	Project BV is currently in progress.
75. PROJECT BW	2025-02-15	On Hold	Project BW is on hold due to resource allocation.

**1015 Wind Corrected Munitions
Dispenser (WCMD) Kit**

WCMD / WCMD-ER Schedule



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Exhibit R-4a, RDT&E Schedule Detail

DATE

February 2006

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) Schedule ProfileFY 2005FY 2006FY 2007

(U) System Development and Demonstration Contract

1Q

1Q

(U) Preliminary Design Review

(U) Critical Design Review

1Q

(U) Flight Schedule

1Q