

UNCLASSIFIED

PE NUMBER: 0207325F

PE TITLE: Joint Air-to-Surface Standoff Missile (JASSM)

Exhibit R-2, RDT&E Budget Item Justification	DATE February 2008
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BUDGET ACTIVITY 07 Operational System Development	PE NUMBER AND TITLE 0207325F Joint Air-to-Surface Standoff Missile (JASSM)
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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	32.995	12.074	13.035	0.000	0.000	0.000	0.000	0.000	1,062.602
4515 Joint Air-to-Surface Standoff Missile (JASSM)	32.995	12.074	13.035	0.000	0.000	0.000	0.000	0.000	1,062.602

FY2008 funding totals do not include \$23M FY2008 GWOT requirement still pending.

(U) A. Mission Description and Budget Item Justification

The Joint Air-to-Surface Standoff Missile (JASSM) is an Air Force program designated ACAT 1D in Jun 2007. This program provides a long range, conventional air-to-surface, autonomous, precision guided, standoff cruise missile compatible with fighter and bomber aircraft able to attack a variety of fixed or relocatable targets. Aircraft integration is complete on the B-52H, F-16 (Block 50), B-1, and B-2. Objective aircraft include the F-15E, F-16 (Block 40), F-117, F-35, and F/A-18E/F. The government is buying the JASSM system based on a contractor-developed, government-approved System Performance Specification (SPS) which became contractually binding at downselect. The contractor assumes total system performance responsibility as defined in the SPS and warrants system performance for 15 years. In Jun 2007, The Defense Acquisition Board (DAB) directed the program office to develop a Plan of Action and Milestones (POA&M). The Program Office developed a plan to restructure the program to improve system reliability through a combination of component upgrades, producibility enhancements, production quality reviews, comprehensive ground and flight testing, component obsolescence management, and pursue affordability initiatives. If JASSM is recertified in Apr/May 2008 timeframe, JASSM-Extended Range (ER) developmental efforts will restart. This activity is reflected in Budget Activity 7, Operational Systems Development, because production (Low Rate Initial Production) started in FY02.

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

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Previous President's Budget	40.727	12.152	35.689
(U) Current PBR/President's Budget	32.995	12.074	13.035
(U) Total Adjustments	-7.732	-0.078	
(U) Congressional Program Reductions	0.000	0.000	
Congressional Rescissions	0.000	-0.078	
Congressional Increases	0.000	0.000	
Reprogrammings	-7.000	0.000	
SBIR/STTR Transfer	-0.732	0.000	

(U) Significant Program Changes:

Funding: In FY 09, deleted the funding for the development of the JASSM Weapon Data Link and the Maritime Interdiction version of JASSM. This reduced the program by \$22.7M.

Exhibit R-2a, RDT&E Project Justification

DATE
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BUDGET ACTIVITY 07 Operational System Development				PE NUMBER AND TITLE 0207325F Joint Air-to-Surface Standoff Missile (JASSM)			PROJECT NUMBER AND TITLE 4515 Joint Air-to-Surface Standoff Missile (JASSM)		
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
4515 Joint Air-to-Surface Standoff Missile (JASSM)	32.995	12.074	13.035	0.000	0.000	0.000	0.000	0.000	1,062.602
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

(U) A. Mission Description and Budget Item Justification

The Joint Air-to-Surface Standoff Missile (JASSM) is an Air Force program designated ACAT 1D in Jun 2007. This program provides a long range, conventional air-to-surface, autonomous, precision guided, standoff cruise missile compatible with fighter and bomber aircraft able to attack a variety of fixed or relocatable targets. Aircraft integration is complete on the B-52H, F-16 (Block 50), B-1, and B-2. Objective aircraft include the F-15E, F-16 (Block 40), F-117, F-35, and F/A-18E/F. The government is buying the JASSM system based on a contractor-developed, government-approved System Performance Specification (SPS) which became contractually binding at downselect. The contractor assumes total system performance responsibility as defined in the SPS and warrants system performance for 15 years. In Jun 2007, The Defense Acquisition Board (DAB) directed the program office to develop a Plan of Action and Milestones (POA&M). The Program Office developed a plan to restructure the program to improve system reliability through a combination of component upgrades, producibility enhancements, production quality reviews, comprehensive ground and flight testing, component obsolescence management, and pursue affordability initiatives. If JASSM is recertified in Apr/May 2008 timeframe, JASSM-Extended Range (ER) developmental efforts will restart. This activity is reflected in Budget Activity 7, Operational Systems Development, because production (Low Rate Initial Production) started in FY02.

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

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Continue JASSM-ER Phase II development, including component upgrades/studies/development.	28.731	5.074	5.000
(U) Continue Baseline/ER reliability initiatives/component upgrades, ground/flight test support, and affordability initiatives.	3.233	6.000	6.535
(U) Continue program office/mission support.	1.031	1.000	1.500
(U) Total Cost	32.995	12.074	13.035

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

	<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>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) Missile Procurement (AF) JASSM	153.533	160.036	240.295	241.522	242.444	250.412	254.755	2,974.106	4,943.430
(U) SEEK EAGLE	2.962	0.000	0.000	0.000	0.000	0.000	0.000	0.000	10.265

Total includes prior year not shown.

(U) D. Acquisition Strategy

The JASSM Reliability Improvement Plan of Action and Milestones (POA&M) Phase I schedule culminates with a DAB in Spring 2008 to support the JASSM

Exhibit R-2a, RDT&E Project Justification	DATE February 2008
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BUDGET ACTIVITY 07 Operational System Development	PE NUMBER AND TITLE 0207325F Joint Air-to-Surface Standoff Missile (JASSM)	PROJECT NUMBER AND TITLE 4515 Joint Air-to-Surface Standoff Missile (JASSM)
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Nunn-McCurdy certification. Key certification entrance criteria for this effort include successful completion of robust functional ground test (FGT) and flight test to determine reliability of the Lot 4 missile.

All major contracts within this Program Element have been awarded through full and open competition. The EMD phase option for JASSM is Cost Plus Award Fee (CPAF).

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Exhibit R-3, RDT&E Project Cost Analysis

DATE

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BUDGET ACTIVITY				PE NUMBER AND TITLE					PROJECT NUMBER AND TITLE			
07 Operational System Development				0207325F Joint Air-to-Surface Standoff Missile (JASSM)					4515 Joint Air-to-Surface Standoff Missile (JASSM)			
(U) Cost Categories (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	Contract Method & Type	Performing Activity & Location	Total Prior to FY 2007 Cost	FY 2007 Cost	FY 2007 Award Date	FY 2008 Cost	FY 2008 Award Date	FY 2009 Cost	FY 2009 Award Date	Cost to Complete	Total Cost	Target Value of Contract
(U) <u>Product Development</u>												
MDA - PDRR I	C/CPFF	McDonnell Douglas Aircraft, MO	120.571	0.000	N/A	0.000	N/A	0.000	N/A	0.000	120.571	120.571
LM - PDRR I& II	C/CPFF	Lockheed Martin, FL	151.109	0.000	N/A	0.000	N/A	0.000	N/A	0.000	151.109	151.109
LM - EMD & Follow on Development	C/CPAF	Lockheed Martin, FL	409.915	0.000	N/A	0.000	N/A	0.000	N/A	0.000	409.915	409.915
LM - JASSM ER Risk Reduction Phase I	SS/FFP	Lockheed Martin, FL	9.700	0.000	N/A	0.000	N/A	0.000	N/A	0.000	9.700	9.700
LM - JASSM ER Development Phase II	SS/CPAF	Lockheed Martin, FL	82.431	28.731	Feb-07	4.474	Jun-08	5.000	Jan-09	0.000	120.636	120.636
LM - Baseline/ER reliability initiatives, component upgrades		Lockheed Martin, FL	0.000	0.000	N/A	6.000	Feb-08	5.535	Jan-09		11.535	10.035
Data Link	SS/CPFF	Lockheed Martin, FL	8.800	0.000	N/A	0.000	N/A	0.000	N/A		8.800	8.800
LM - JASSM Maritime Interdiction				0.000	N/A	0.000	N/A	0.000	N/A		0.000	0.000
Subtotal Product Development			782.526	28.731		10.474		10.535		0.000	832.266	830.766
Remarks:												
(U) <u>Support</u>												
F-16 SPO	PO (in-house)	WPAFB, OH	26.605	0.000	N/A	0.000	N/A	0.000	N/A	0.000	26.605	26.605
B-52 SPO	PO (in-house)	Tinker AFB, OK	31.229	0.000	N/A	0.000	N/A	0.000	N/A	0.000	31.229	31.229
B-1 SPO	PO (in-house)	WPAFB, OH	6.031	0.000	N/A	0.000	N/A	0.000	N/A	0.000	6.031	6.031
Other Acft Integ	PO (in-house)	various	3.463	0.000	N/A	0.000	N/A	0.000	N/A	0.000	3.463	3.463
Sverdrup Inc.	C/CPAF	Eglin AFB, FL	15.950	0.000	N/A	0.000	N/A	0.000	N/A	0.000	15.950	15.950
Other Support	Misc	various	37.240	1.031	N/A	1.000	N/A	1.500	N/A		40.771	40.771
Subtotal Support			120.518	1.031		1.000		1.500		0.000	124.049	124.049
Remarks:												
(U) <u>Test & Evaluation</u>												
46TW	PO	Eglin AFB, FL	95.932	1.526	N/A	0.600	N/A	1.000	N/A		99.058	100.558
Arnold Eng Dev Center	PO	Arnold AFB, TN	5.522	1.707	N/A	0.000	N/A	0.000	N/A	0.000	7.229	7.229
Subtotal Test & Evaluation			101.454	3.233		0.600		1.000		0.000	106.287	107.787
Remarks:												
(U) Total Cost			1,004.498	32.995		12.074		13.035		0.000	1,062.602	1,062.602

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Project 4515

Exhibit R-3 (PE 0207325F)

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Exhibit R-4, RDT&E Schedule Profile

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07 Operational System Development

PE NUMBER AND TITLE
0207325F Joint Air-to-Surface Standoff Missile (JASSM)

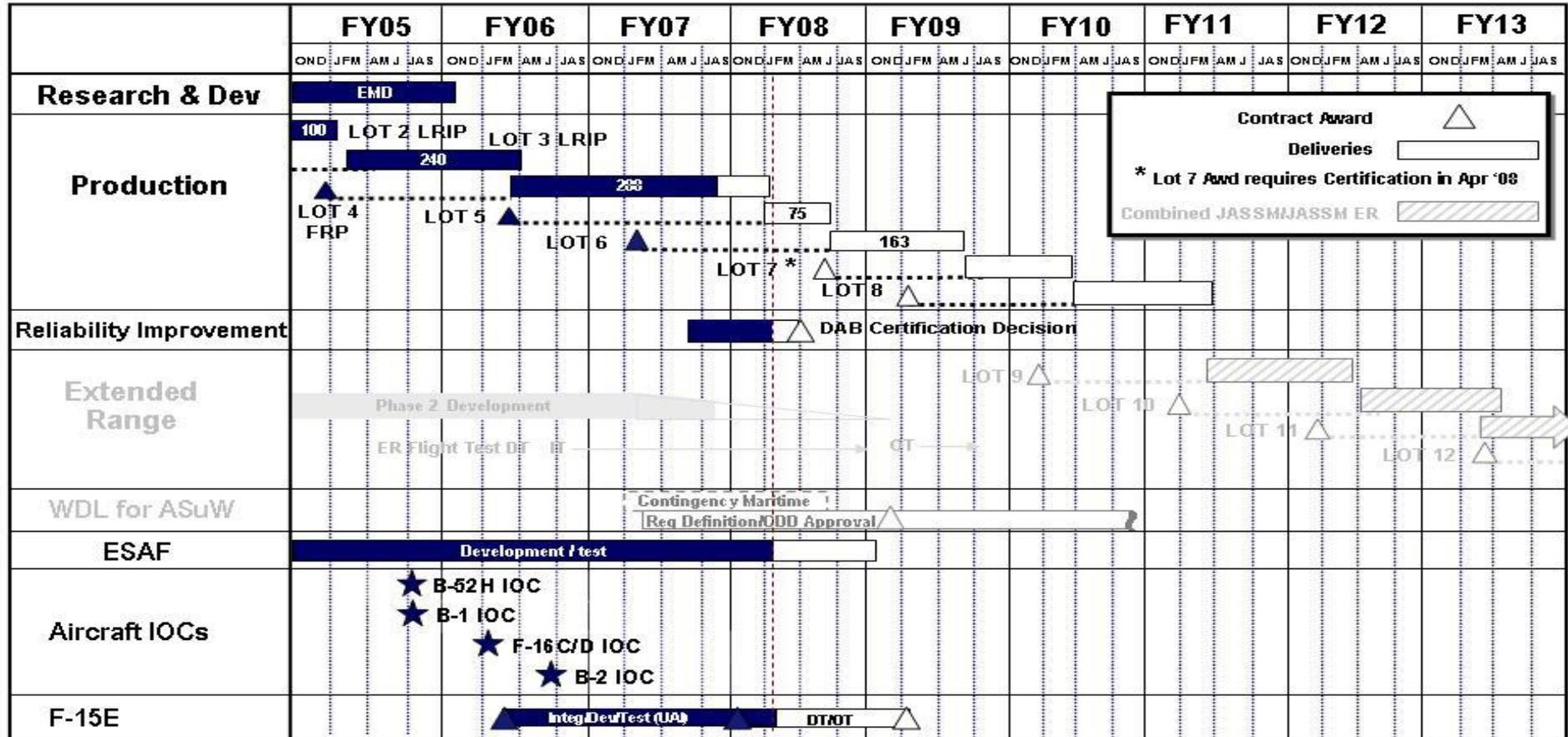
PROJECT NUMBER AND TITLE
4515 Joint Air-to-Surface Standoff Missile (JASSM)

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JASSM Top Level Schedule



As of: 7 Jan 08



Contract Award ▲

Deliveries ▬

* Lot 7 Awd requires Certification in Apr '08

Combined JASSM/JASSM ER ▨

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Exhibit R-4a, RDT&E Schedule Detail

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BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0207325F Joint Air-to-Surface Standoff Missile (JASSM)

PROJECT NUMBER AND TITLE

4515 Joint Air-to-Surface Standoff Missile (JASSM)

(U) Schedule Profile

FY 2007

FY 2008

FY 2009

(U) JASSM Program Certification

2-3Q

(U) JASSM-ER development (based on recertification efforts)

2-4Q