

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0207325F: Joint Air-to-Surface Standoff Missile (JASSM)							
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	1,119.838	5.654	7.950	6.373	-	6.373	17.579	13.979	4.371	4.450	44.776	1,224.970
674515: Joint Air-to-Surface Standoff Missile (JASSM)	926.371	0.000	3.935	3.132	-	3.132	5.083	4.135	4.205	4.281	44.776	995.918
675356: JASSM Extended Range (JASSM-ER)	193.467	5.654	4.015	3.241	-	3.241	12.496	9.844	0.166	0.169	0.000	229.052
MDAP/MAIS Code(s): 555												
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
^{##} The FY 2014 OCO Request will be submitted at a later date												
Note												
Totals include funding for PRCP Program Number, 555, JASSM												
A. Mission Description and Budget Item Justification												
The Joint Air-to-Surface Standoff Missile (JASSM) 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. There are two variants of the JASSM missile; JASSM baseline and JASSM-Extended Range (JASSM-ER). Both have improved reliability, separate milestone decision points and separate projects within a single program element. Aircraft integration of baseline JASSM is complete on the B-52H, F-16 (Block 50), B-1, B-2 and F-15E. Objective aircraft include the F-16 (Block 40) and F-35. Aircraft integration for JASSM-ER is the B-1B. Objective aircraft is the B-52H, F16C/D (Block 50/52), B-2, F-16C/D(Block25-42), F-15E, and F-35.												
This program is in Budget Activity 7, Operational System Development because it includes development efforts to upgrade systems that have been developed.												

UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force				DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE			
3600: Research, Development, Test & Evaluation, Air Force		PE 0207325F: Joint Air-to-Surface Standoff Missile (JASSM)			
BA 7: Operational Systems Development					
B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	5.796	7.950	8.776	-	8.776
Current President's Budget	5.654	7.950	6.373	-	6.373
Total Adjustments	-0.142	0.000	-2.403	-	-2.403
• Congressional General Reductions	-	0.000			
• Congressional Directed Reductions	-	0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds	-	0.000			
• Congressional Directed Transfers	-	0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-0.142	0.000			
• Other Adjustments	0.000	0.000	-2.403	-	-2.403
Change Summary Explanation					
Reduced FY14 by \$2.4M for higher Air Force priorities.					

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force									DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0207325F: Joint Air-to-Surface Standoff Missile (JASSM)				PROJECT 674515: Joint Air-to-Surface Standoff Missile (JASSM)			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
674515: Joint Air-to-Surface Standoff Missile (JASSM)	926.371	0.000	3.935	3.132	-	3.132	5.083	4.135	4.205	4.281	44.776	995.918
Quantity of RDT&E Articles	81	0	0	0		0	0	0	0	0		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
The Joint Air-to-Surface Standoff Missile (JASSM) 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. This project develops the baseline JASSM missile. Aircraft integration of the baseline JASSM is complete on the B-52H, F-16 (Block 50), B-1, B-2, and F-15E. Objective aircraft include the F-16 (Block 40), and F-35. The government is buying the JASSM system based on a contractor-developed, government-approved System Performance Specification (SPS), this SPS is on contract. The contractor assumes total system performance responsibility (TSPR) for Lots 1-6 as defined in the SPS; for Lot 7 and beyond, the Government has approval authority of Class I configuration changes. This project also develops improvements to the JASSM and JASSM-ER fuze, including the development of the Electronic Safe and Arm Fuze (ESAF). The program is evaluating Diminishing Manufacturing Sources Material Shortages (DMSMS) and several obsolescence issues.												
BA7- This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2012	FY 2013	FY 2014	
Title: Electronic Safe and Arm Fuze (ESAF)									0.000	3.098	2.364	
Description: ESAF will resolve obsolescence issues, increase reliability and replace the current fuze. ESAF will be implemented in both JASSM baseline and JASSM-ER missiles.												
FY 2012 Accomplishments: N/A												
FY 2013 Plans: Electronic Safe and Arm Fuze (ESAF) development protptype contract. Initial design work, sled instrumentation kit (SLIK) development, and conduct critical design review.												
FY 2014 Plans:												

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force			DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development		R-1 ITEM NOMENCLATURE PE 0207325F: Joint Air-to-Surface Standoff Missile (JASSM)	PROJECT 674515: Joint Air-to-Surface Standoff Missile (JASSM)		
B. Accomplishments/Planned Programs (\$ in Millions)			FY 2012	FY 2013	FY 2014
Electronic Safe and Arm Fuze (ESAF) development contract. Design work, pre-production material, qualification work, sled instrumentation kit (SLIK) development.					
Title: Other development Description: Efforts focusing on other development, Diminishing Manufacturing Sources Material Shortages (DMSMS), and Obsolescence issues. FY 2012 Accomplishments: N/A FY 2013 Plans: N/A FY 2014 Plans: Other development/evaluations that address JASSMs obsolescence plan directed activities and determine parts/components that will need replacement/upgrading (Inertial Measurement Unit, Missile control Unit, anti-jam/anti-spoofing system).			0.000	0.000	0.290
Title: Test Support Description: Government Test Support. Includes flight test equipment, targets, Test Wing and Range support, and other ground/flight test support. FY 2012 Accomplishments: N/A FY 2013 Plans: ESAF cannon test and other prototype test support to include test equipment, targets, range support, and other ground test support. FY 2014 Plans: ESAF Sled test , cannon test and other development flight test support to include test equipment, targets, range support, and other ground test support.			0.000	0.837	0.478
Accomplishments/Planned Programs Subtotals			0.000	3.935	3.132

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force										DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0207325F: Joint Air-to-Surface Standoff Missile (JASSM)				PROJECT 674515: Joint Air-to-Surface Standoff Missile (JASSM)			
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2014</u>	<u>FY 2014</u>	<u>FY 2014</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Complete</u>	<u>Total Cost</u>
• MPAF: BA02: Line Item #	181.041	155.156	143.195		143.195	142.442	120.327	0.000	0.000	0.000	1,862.933
654515: JASSM Baseline Missile, JASSM: PE 0207325F, JASSM Missile Procurement											
Remarks											
D. Acquisition Strategy All major contracts within this project have been awarded through full and open competition. The EMD phase option for JASSM baseline was completed using Cost Plus Award Fee (CPAF).											
E. Performance Metrics Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.											

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development						R-1 ITEM NOMENCLATURE PE 0207325F: Joint Air-to-Surface Standoff Missile (JASSM)						PROJECT 674515: Joint Air-to-Surface Standoff Missile (JASSM)			
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
-Follow on Development, Reliability, Component Upgrades, and Electronic Safe and Arm Fuze (ESAF) development	C/CPFF	Lockheed Martin:Orlando, Fl	0.000	0.000		3.098	Dec 2012	2.364	Nov 2013	-		2.364	2.323	7.785	7.785
-Efforts focusing on other Development, Diminishing Manufacturing Sources Material Shortages (DMSMS), and Obsolescence issues.	C/FFP	Lockheed Martin:Orlando, Fl	714.589	0.000		0.000		0.290	Jan 2014	-		0.290	49.725	764.604	764.604
Subtotal			714.589	0.000		3.098		2.654		0.000		2.654	52.048	772.389	772.389
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
96 TW test support, flight test	Various	Test Wing:Eglin, FL	149.552	0.000		0.837	Apr 2013	0.478	Jan 2014	-		0.478	9.872	160.739	160.739
Subtotal			149.552	0.000		0.837		0.478		0.000		0.478	9.872	160.739	160.739

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>						R-1 ITEM NOMENCLATURE PE 0207325F: <i>Joint Air-to-Surface Standoff Missile (JASSM)</i>						PROJECT 674515: <i>Joint Air-to-Surface Standoff Missile (JASSM)</i>			
Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration (PMA). Program office/mission support. Provide	C/Various	PMA:Eglin AFB, FL	62.230	0.000		0.000		0.000		-		0.000	0.560	62.790	62.790
Subtotal			62.230	0.000		0.000		0.000		0.000		0.000	0.560	62.790	62.790
			All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			926.371	0.000		3.935		3.132		0.000		3.132	62.480	995.918	995.918
Remarks															

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

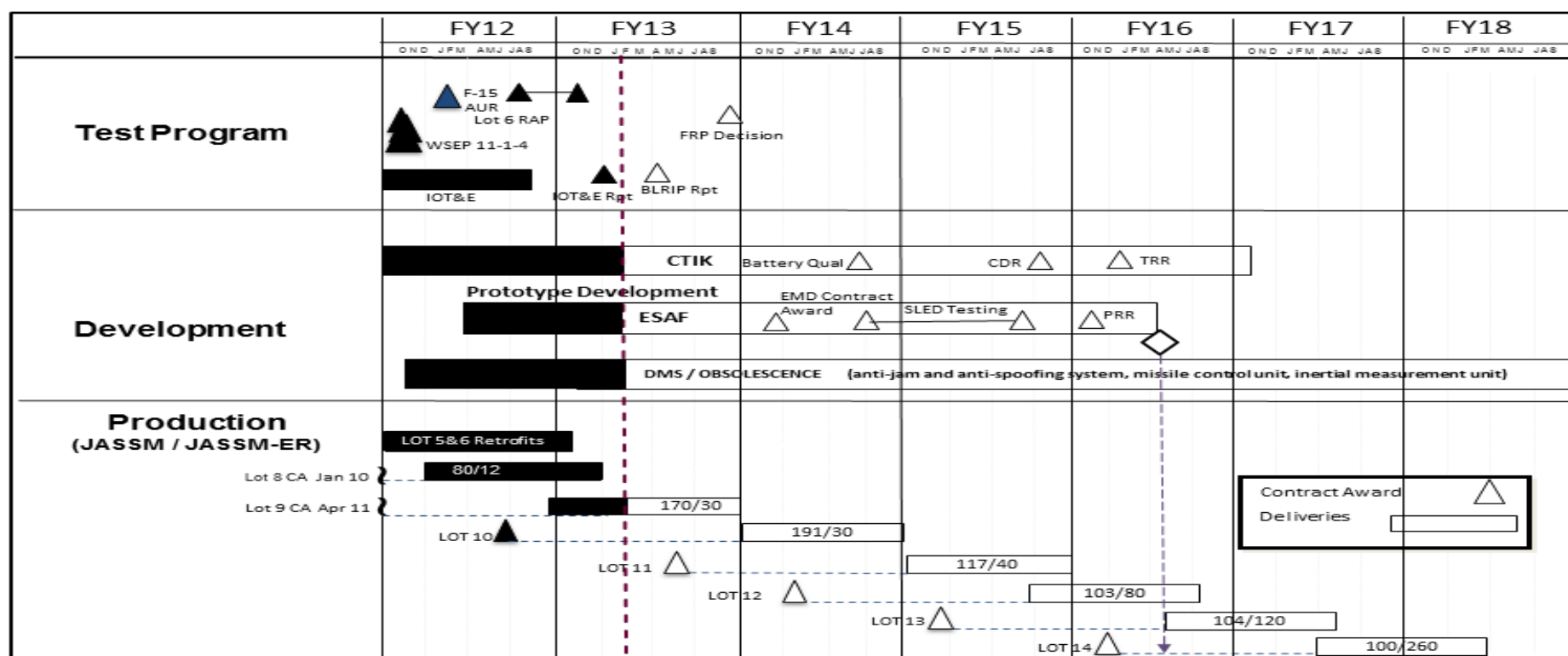
PE 0207325F: Joint Air-to-Surface Standoff
Missile (JASSM)

PROJECT

674515: Joint Air-to-Surface Standoff
Missile (JASSM)

JASSM / JASSM-ER Top Level Schedule

Time Now



1

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207325F: <i>Joint Air-to-Surface Standoff Missile (JASSM)</i>	PROJECT 674515: <i>Joint Air-to-Surface Standoff Missile (JASSM)</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
ESAF Prototyping Contract Award	1	2013	4	2013
ESAF Cannon Testing	1	2013	2	2014
ESAF EMD Contract Award	1	2014	1	2014
ESAF Interim Design Review (IDR)	1	2014	1	2014
ESAF Critical Design Review (CDR)	3	2014	3	2014
ESAF Cannon and Sled Testing	1	2014	3	2015
ESAF Qualification Testing	3	2015	4	2015
ESAF Flight Testing	4	2015	1	2016
ESAF Production Cut-In (Lot 14)	2	2016	2	2016

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force									DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0207325F: Joint Air-to-Surface Standoff Missile (JASSM)				PROJECT 675356: JASSM Extended Range (JASSM-ER)			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
675356: JASSM Extended Range (JASSM-ER)	193.467	5.654	4.015	3.241	-	3.241	12.496	9.844	0.166	0.169	0.000	229.052
Quantity of RDT&E Articles	31	0	0	0		0	0	0	0	0		
# FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012												
## The FY 2014 OCO Request will be submitted at a later date												
A. Mission Description and Budget Item Justification												
This project provides a long range (over twice the range of baseline JASSM), conventional air-to-surface, autonomous, precision-guided, low observable, standoff cruise missile compatible with fighter and bomber aircraft. This project develops the extended range version of the JASSM missile (JASSM-ER). The threshold integration platform for JASSM-ER is the B-1B. Objective aircraft is the B-52H, F16C/D (Block 50/52), B-2, F-16C/D Block25-42), F-15E, and F-35. JASSM-ER provides the capability to attack a variety of high value fixed or relocatable targets with precision, through preplanned missions or target-of-opportunity, deeper into enemy territory than JASSM Baseline while minimizing the threat to launch aircraft. The Air Force is developing JASSM-ER based on a contractor-developed, government-approved System Performance Specification (SPS) Rev B dated February 28, 2007, which was updated under JASSM-ER development Phase II System Development and Demonstration in FY07, and Milestone (MS-C) in January 2011. The 16 JASSM-ER OT flights were successfully completed in the 4th quarter of FY12. JASSM-ER performed at 100% (16/16). This project develops a Common Telemetry Instrumentation Kit (C-TIK) which will be used during flight testing and will be common to both JASSM Baseline and JASSM-ER. The ESAF Fuze is partially executed under this project as it is common to JASSM baseline and JASSM-ER. The JASSM program is evaluating Diminishing Sources Material Shortages (DMSMS) and several obsolescence issues.												
BA7- This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.												
B. Accomplishments/Planned Programs (\$ in Millions)									FY 2012	FY 2013	FY 2014	
Title: Common Telemetry Instrumentation Kit (C-TIK)									2.349	1.071	0.389	
Description: Common Telemetry Instrumentation Kit (C-TIK) replaces current TIK used during flight testing and will be common to JASSM and JASSM-ER.												
FY 2012 Accomplishments: Common Test Instrumentation Kit (C-TIK) development contract. Design work for the C-TIK.												
FY 2013 Plans: Common Test Instrumentation Kit (C-TIK) development contract. Design work: Battery prototype and destruct charge.												
FY 2014 Plans:												

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force		DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development	R-1 ITEM NOMENCLATURE PE 0207325F: Joint Air-to-Surface Standoff Missile (JASSM)	PROJECT 675356: JASSM Extended Range (JASSM-ER)		
B. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013	FY 2014
Common Test Instrumentation Kit (C-TIK) development contract. Design work: Continue destruch charge development and do battery qualification testing.				
Title: Electronic Safe and Armed Fuze Description: Electronic Safe and Fuze (ESAF) will resolve obsolescence issues and replace the current fuze. ESAF will be implemented in both JASSM Baseline and JASSM-ER. FY 2012 Accomplishments: Electronic Safe and Arm Fuze (ESAF) prototype contract. Initial design work, sled instrumentation kit (SLIK) development. FY 2013 Plans: Electronic Safe and Arm Fuze (ESAF) prototyping. Initial design work, complete prototype development, sled instrumentation kit (SLIK) development. FY 2014 Plans: Electronic Safe and Arm Fuze (ESAF) development contract. Design work, pre-production material, qualification work, sled instrumentation kit (SLIK) development.		1.550	2.494	2.403
Title: Other Development and Testing Description: Other Development and testing to support upgrades to improve missile reliability address hardware obsolescence; also provide support for any ground and flight test activity required to verify upgraded hardware before cutting into production. FY 2012 Accomplishments: Test support: Final test support for the JASSM-ER IOT&E, test equipment, and other ground test support for Production Upgrade Verification (PUV) testing. FY 2013 Plans: Other Development/upgrades address hardware obsolescence; also provide support for any ground and flight test activity required to verify upgraded hardware before cutting into production. FY 2014 Plans: Other Development/upgrades address hardware obsolescence; also provide support for any ground and flight test activity required to verify upgraded hardware before cutting into production.		1.130	0.270	0.181
Title: Test Support Description: Government Test Support for ESAF and C-TIK. Includes flight test equipment, targets, Test Wing and Range support, and other ground/flight test support.		0.546	0.100	0.188

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force							DATE: April 2013				
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0207325F: Joint Air-to-Surface Standoff Missile (JASSM)			PROJECT 675356: JASSM Extended Range (JASSM-ER)				
B. Accomplishments/Planned Programs (\$ in Millions)							FY 2012	FY 2013	FY 2014		
FY 2012 Accomplishments: Electronic Safe and Fuze (ESAF) test planning, the acquisition of 27 targets to support ESAF testing, and other test support to include test equipment, targets, range support, and other ground test support.											
FY 2013 Plans: CTIK, ESAF, and other flight test support to include test equipment, targets, range support, and other ground test support.											
FY 2014 Plans: CTIK, ESAF, and other development flight test support to include test equipment, targets, range support, and other ground test support.											
Title: Program Management Administration (PMA)							0.079	0.080	0.080		
Description: Continue program office/mission support. Provide oversight of JASSM development/upgrade activities.											
FY 2012 Accomplishments: Continue Program Management Administration (PMA). Provides program office oversight of development and upgrade activities.											
FY 2013 Plans: Continue Program Management Administration (PMA). Provides program office oversight of development and upgrade activities.											
FY 2014 Plans: Continue Program Management Administration (PMA). Provides program office oversight of development and upgrade activities.											
Accomplishments/Planned Programs Subtotals							5.654	4.015	3.241		
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
• MPAF: BA02: Line Item #654515: JASSM-ER Missile, JASSM-ER: PE 0207325F, JASSM Missile Procurement	55.152	85.243	147.956		147.956	198.703	329.445	444.153	452.147	2,403.173	4,174.964
Remarks											

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Air Force		DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207325F: <i>Joint Air-to-Surface Standoff Missile (JASSM)</i>	PROJECT 675356: <i>JASSM Extended Range (JASSM-ER)</i>
D. Acquisition Strategy JASSM-ER is the extended range version of the JASSM baseline missile (currently in full rate production). The initial JASSM-ER development contract, awarded in 2004, was Cost-Plus-Award-Fee. In 2008, the program office awarded a Cost-Plus-Incentive-Fee (CPIF) contract with performance incentives to complete the development effort.		
E. Performance Metrics Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.		

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207325F: <i>Joint Air-to-Surface Standoff Missile (JASSM)</i>	PROJECT 675356: <i>JASSM Extended Range (JASSM-ER)</i>
--	---	--

Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
JASSM-ER Phase I	SS/CPFF	Lockheed Martin:Orlando, FL	9.600	0.000		0.000		0.000		-		0.000	0.000	9.600	9.600
JASSM-ER Phase II	SS/CPFF	Lockheed Martin:Orlando, FL	94.513	0.000		0.000		0.000		-		0.000	0.000	94.513	94.513
C-TIK	SS/FFP	Lockheed Martin:Orlando, FL	0.000	2.349	May 2012	1.071	Jan 2013	0.389	May 2014	-		0.389	15.767	19.576	19.746
-Other Development: Test Missile Procurement (for DT/IT) and Test Support, parts upgrade, software updates, product improvements, efficiency upgrades and obsolescence.	Various	Lockheed Martin:Orlando, FL	25.579	1.130	Apr 2012	0.270	Jan 2013	0.181	May 2014	-		0.181	1.170	28.330	28.160
ESAF	SS/CPFF	Lockheed Martin:Orlando, FL	0.000	1.550	Feb 2013	2.494	Dec 2012	2.403		-		2.403	2.319	8.766	8.766
Subtotal			129.692	5.029		3.835		2.973		0.000		2.973	19.256	160.785	160.785

Remarks
 Common Test Instrumentation Kits (C-TIK)
 Electronic Safe and Arm Fuze (ESAF)

Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000

UNCLASSIFIED

Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>						R-1 ITEM NOMENCLATURE PE 0207325F: <i>Joint Air-to-Surface Standoff Missile (JASSM)</i>						PROJECT 675356: <i>JASSM Extended Range (JASSM-ER)</i>			
Test and Evaluation (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Government Test Support. Includes flight test equipment, targets, 96th Test Wing and Range support, and other ground/flight test support as necessary.	Various	96 TW:Eglin AFB, FL	19.718	0.546	Jan 2012	0.100	Jan 2013	0.188	May 2014	-		0.188	3.258	23.810	23.810
6 IT/6 OT assets	C/CPAF	Lockheed Martin:Orlando, FL	12.605	0.000		0.000		0.000		-		0.000	0.000	12.605	12.605
12 Operational Test (OT) assets	C/FFP	Lockheed Martin:Orlando, FL	30.392	0.000		0.000		0.000		-		0.000	0.000	30.392	30.392
Subtotal			62.715	0.546		0.100		0.188		0.000		0.188	3.258	66.807	66.807
Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Administration (PMA). Provides program office oversight of development and upgrade activities.	Various	PMA:Eglin AFB, FL	1.060	0.079	May 2012	0.080		0.080		-		0.080	0.161	1.460	1.460
Subtotal			1.060	0.079		0.080		0.080		0.000		0.080	0.161	1.460	1.460
Project Cost Totals			193.467	5.654		4.015		3.241		0.000		3.241	22.675	229.052	229.052
Remarks															

UNCLASSIFIED

Exhibit R-4, RDT&E Schedule Profile: PB 2014 Air Force

DATE: April 2013

APPROPRIATION/BUDGET ACTIVITY

3600: Research, Development, Test & Evaluation, Air Force
BA 7: Operational Systems Development

R-1 ITEM NOMENCLATURE

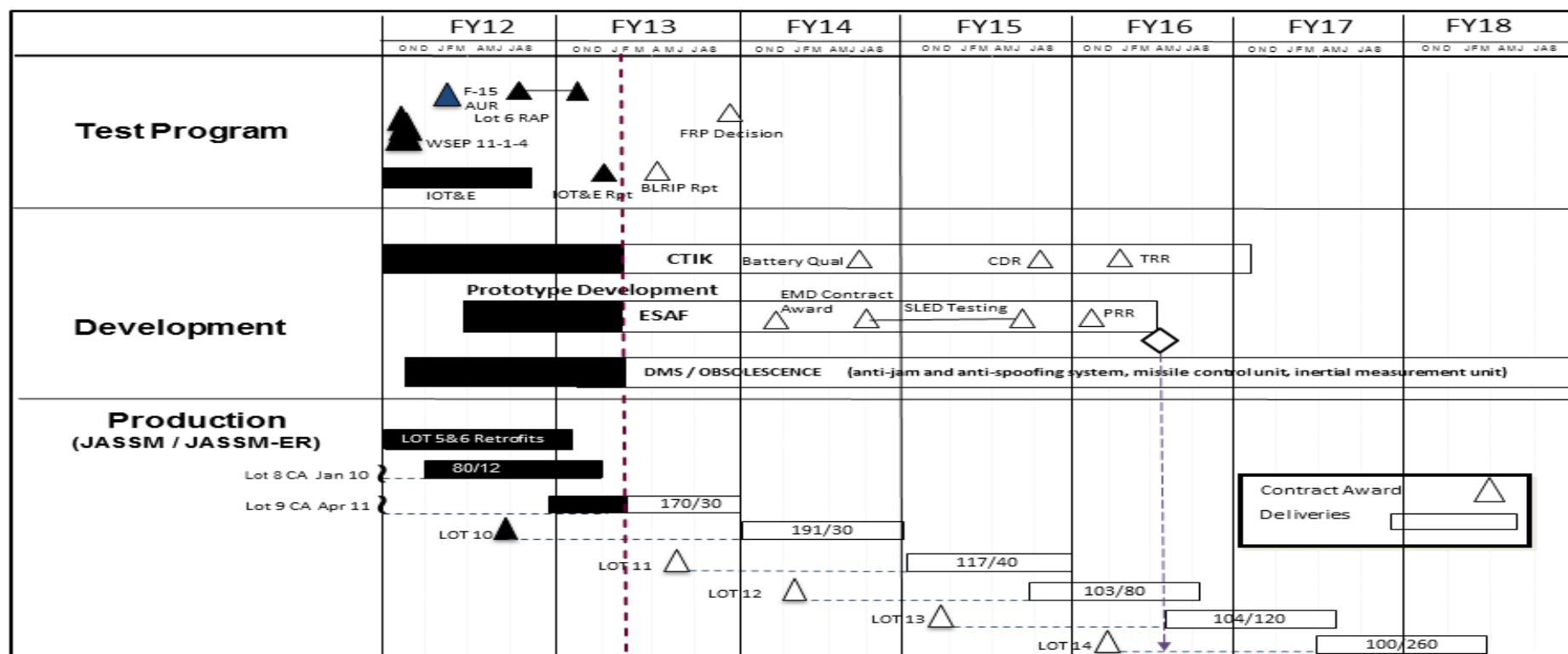
PE 0207325F: Joint Air-to-Surface Standoff
Missile (JASSM)

PROJECT

675356: JASSM Extended Range (JASSM-
ER)

JASSM / JASSM-ER Top Level Schedule

Time Now



1

UNCLASSIFIED

Exhibit R-4A, RDT&E Schedule Details: PB 2014 Air Force			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0207325F: <i>Joint Air-to-Surface Standoff Missile (JASSM)</i>	PROJECT 675356: <i>JASSM Extended Range (JASSM-ER)</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
JASSM-ER Operational Test & Evaluation	1	2012	1	2013
Beyond LRIP Report	2	2013	2	2013
C-TIK Design	1	2012	4	2012
C-TIK Battery Development and Qualification	4	2012	3	2014
C-TIK Destruct Charge Development and Qualification	2	2013	3	2014
C-TIK integration with JASSM and Test Equipment Development	4	2013	2	2016
C-TIK Flight Testing	2	2016	1	2017