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Exhibit R-2, RDT&E Budget Item Justification: PB 2012 Air Force	DATE: February 2011
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APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 7: <i>Operational Systems Development</i>				PE 0207325F: <i>Joint Air-to-Surface Standoff Missile (JASSM)</i>							
COST (\$ in Millions)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
Total Program Element	28.472	20.000	5.796	-	5.796	3.935	4.132	4.083	4.135	Continuing	Continuing
675356: <i>JASSM Extended Range (JASSM-ER)</i>	28.472	20.000	5.796	-	5.796	3.935	4.132	4.083	4.135	Continuing	Continuing

Note

Totals include funding for PRCP Program Number, 555, JASSM

A. Mission Description and Budget Item Justification

Totals include funding for PRCP Program Number (PNO) 555, JASSM.

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 2 variants of the JASSM missile: Baseline JASSM and an extended range JASSM (JASSM-ER). Aircraft integration of baseline JASSM 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), 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. In Jun 2007, the DAE designated the Joint Air-to-Surface Standoff Missile (JASSM) program an ACAT 1D program due to a Nunn-McCurdy unit cost breach. On 1 May, 2008, the Defense Acquisition Executive (DAE) completed its Nunn-McCurdy review of the JASSM program and certified a restructured program to consist of two separable increments, JASSM baseline and JASSM-Extended Range (JASSM-ER) - both with improved reliability(such as for Electronic Safe and Armed Fuze (ESAF) and Test Instrumentation Kit (TIK) improvements), separate milestone decision points and separate projects within a single program element.

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.

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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 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Previous President's Budget	29.494	20.000	4.790	-	4.790
Current President's Budget	28.472	20.000	5.796	-	5.796
Total Adjustments	-1.022	-	1.006	-	1.006
• Congressional General Reductions		-			
• Congressional Directed Reductions		-			
• Congressional Rescissions	-	-			
• Congressional Adds		-			
• Congressional Directed Transfers		-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-0.899	-			
• Other Adjustments	-0.123	-	1.006	-	1.006
Change Summary Explanation					
None					

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Exhibit R-2A, RDT&E Project Justification: PB 2012 Air Force								DATE: February 2011			
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)	FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total	FY 2013	FY 2014	FY 2015	FY 2016	Cost To Complete	Total Cost
675356: JASSM Extended Range (JASSM-ER)	28.472	20.000	5.796	-	5.796	3.935	4.132	4.083	4.135	Continuing	Continuing
Quantity of RDT&E Articles	0	12	0	0	0	0	0	0	0		
Note											
All funds in this PE are for JASSM-ER development activities, as described below.											
The program funding includes reduction for overhead cost efficiencies that are not intended to impact program content. The efficiencies reductions total \$0.721M in FY12.											
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. The threshold integration platform for JASSM-ER is the B-1B. Objective aircraft include the B-52H, F-16 (Block 40/50), B-2, 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. JASSM and JASSM-ER programs were designated ACAT 1D in June 2007 due to a Nunn-McCurdy unit cost breach. On 1 May, 2008, the DAE completed its Nunn-McCurdy review of the JASSM program and certified the program to Congress.											
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 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Title: OT Assets							18.979	18.968	3.345	-	3.345
Description: JASSM-ER Operational Test (OT) Assets Procurement. Purchases missiles to complete Initial Operational Test and Evaluation (IOT&E) required for full-rate production decision.											
FY 2010 Accomplishments:											

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B. Accomplishments/Planned Programs (\$ in Millions)			FY 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Incrementally funds procurement of OT missiles, including Test Instrumentation Kits, for JASSM-ER. This includes prime contractor purchase of long-lead missile subassemblies from lower-level suppliers, final assembly at prime contractor, as well as recurring engineering support. FY 2011 Plans: Incrementally funds procurement of OT missiles, including Test Instrumentation Kits, for JASSM-ER. This includes prime contractor purchase of long-lead missile subassemblies from lower-level suppliers, final assembly at prime contractor, as well as recurring engineering support. FY 2012 Base Plans: Last installment of incremental funding of OT&E assets for JASSM-ER: Final delivery of test missiles and Test Instrumentation Kits. FY 2012 OCO Plans:							
Title: IT/OT Assets Description: Integrated Testing (IT - combined DT & OT) Asset Procurement. Purchases missiles to complete IT program for Milestone C decision (entry into Low-Rate Initial Production- LRIP) and IOT&E. FY 2010 Accomplishments: Incrementally funds final assembly of IT and OT missiles, integrated flight test support, and associated engineering activities to include, but not limited to failure analyses as program nears Milestone C decision. FY 2011 Plans: Not Applicable FY 2012 Base Plans: Not Applicable FY 2012 OCO Plans:			6.256	-	-	-	-
Title: Test Support Description: Government Test Support and Other Development. Includes flight test equipment, targets, 46th Test Wing and Range support, and other ground/flight test support. FY 2010 Accomplishments:			2.253	0.732	1.700	-	1.700

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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 2010	FY 2011	FY 2012 Base	FY 2012 OCO	FY 2012 Total
Continues to fund IT/OT flight test equipment, targets, 46th Test Wing and Range support, and other ground/flight test support. FY 2011 Plans: Continues to fund OT flight test equipment, targets, 46th Test Wing and Range support, and other ground/flight test support. FY 2012 Base Plans: Continues to fund OT flight test equipment, targets, 46th Test Wing and Range support, and other ground/flight test support. FY 2012 OCO Plans:						
Title: Program Management Administration (PMA) Description: Continue program office/mission support. Provide oversight of JASSM development/upgrade activities. FY 2010 Accomplishments: Supports JASSM-ER development prior to Milestone C. FY 2011 Plans: Supports JASSM-ER development during LRIP. FY 2012 Base Plans: Supports JASSM-ER development during LRIP. FY 2012 OCO Plans:		0.984	0.300	0.751	-	0.751
Accomplishments/Planned Programs Subtotals		28.472	20.000	5.796	-	5.796

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

<u>Line Item</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u> <u>Base</u>	<u>FY 2012</u> <u>OCO</u>	<u>FY 2012</u> <u>Total</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
• PE 0207325F: <i>JASSM Missile Procurement, MPAF - JASSM-ER</i>	0.000	68.449	78.572	0.000	78.572	81.199	125.563	187.863	465.233	Continuing	Continuing

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. No additional funds were obligated to JASSM-ER efforts during the 2007 Nunn-McCurdy deliberations and development continued following the issuance of the 1 May 2008 Acquisition Decision Memorandum (ADM) that directed JASSM-ER to complete development. In 2008, the program office awarded a Cost-Plus-Incentive-Fee (CPIF) contract with performance incentives to complete the development effort. In January 2010, the program office awarded the remaining 12 JASSM-ER operational test assets with the JASSM Lot 8 production contract. Milestone C was approved on 10 Jan 11 and the JASSM-ER program will enter Low Rate Initial Production (LRIP) with the Lot 9 contract award in 2QFY11.

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.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2012 Air Force										DATE: February 2011				
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)						
Product Development (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Test Missiles Procurement (for IT and OT) and Test Support	SS/CPIF	Lockheed Martin:Orlando, FL	44.489	18.968	May 2011	3.345	Jan 2012	-		3.345	0.000	66.802	66.802	
Other ER Development, Parts Upgrade and Software Update (due to obsolescence); Reliability improvements (such as ESAF and TIKs)	Various	Lockheed Martin:Orlando, FL	-	-	Jan 2011	-	Jan 2012	-		-	21.000	21.000	21.000	
Subtotal			44.489	18.968		3.345		-		3.345	21.000	87.802	87.802	
Remarks Electronic Safe and Armed Fuze (ESAF) and Test Instrumentation Kits (TIK)														
Support (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Other Support: Program Management Administration (PMA)	Various	Corp. Bills:Eglin AFB, FL	0.984	0.300	Jan 2011	0.751	Jan 2012	-		0.751	15.000	17.035	17.035	
Subtotal			0.984	0.300		0.751		-		0.751	15.000	17.035	17.035	
Test and Evaluation (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
46 TW test support, flight test equipment, & targets	Various	46 TW:Eglin AFB, FL	3.570	0.732	Jan 2011	1.700	Jan 2012	-		1.700	15.000	21.002	21.002	
Subtotal			3.570	0.732		1.700		-		1.700	15.000	21.002	21.002	

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Management Services (\$ in Millions)				FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	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

	Total Prior Years Cost	FY 2011		FY 2012 Base		FY 2012 OCO		FY 2012 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	49.043	20.000		5.796		-		5.796	51.000	125.839	125.839

Remarks

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Exhibit R-4, RDT&E Schedule Profile: PB 2012 Air Force		DATE: February 2011
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Exhibit R-4A, RDT&E Schedule Details: PB 2012 Air Force			DATE: February 2011
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
Integrated Testing (IT is combined DT and OT)	3	2010	1	2011
Operational Test & Evaluation	3	2011	3	2012
Beyond LRIP Report	4	2012	4	2012
Milestone C	1	2011	1	2011
Start JASSM-ER Production (LRIP 1)	2	2011	3	2012
LRIP 2 JASSM-ER production	2	2012	3	2013