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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Air Force									DATE: February 2012		
APPROPRIATION/BUDGET ACTIVITY				R-1 ITEM NOMENCLATURE							
3600: Research, Development, Test & Evaluation, Air Force				PE 0604330F: Joint Dual-Role Air Dominance Missile (JDRADM)							
BA 4: Advanced Component Development & Prototypes (ACD&P)											
COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	9.465	29.759	-	-	-	-	-	-	-	Continuing	Continuing
645342: Concept Development	9.465	29.759	-	-	-	-	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

Note
In FY2013, PE 0604330F, Joint Dual-Role Air Dominance Missile (JDRADM), was terminated.

A. Mission Description and Budget Item Justification

JDRADM is envisioned as a multi-role (air-to-air/air-to-ground) missile for the 5th generation fighter force structure. It will provide increased flexibility, standoff range, and lethality to defeat 2020+ air and surface threats. It is intended for internal carriage on the F-22A and F-35, and external carriage on selected legacy aircraft. This program continues risk reduction and concept development efforts to ensure critical technologies are adequately assessed to support the Materiel Solution Analysis (MSA) phase of the program. The Joint Requirements Oversight Council (JROC) approved Initial Capabilities Document (ICD) refers to this missile as the Next Generation Missile (NGM).

The program completed a successful Materiel Development Decision (MDD) Defense Acquisition Board (DAB) on 29 Nov 10. The program was approved to enter the MSA phase and conduct and complete an evaluation of alternative weapons to assess the performance, operational effectiveness, operational suitability, and estimated system procurement costs based on findings in the NGM ICD, dated April 2010. It also designated the AF as the lead Service.

This program is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P) because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

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B. Program Change Summary (\$ in Millions)		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Previous President's Budget		9.799	29.759	47.575	-	47.575
Current President's Budget		9.465	29.759	-	-	-
Total Adjustments		-0.334	-	-47.575	-	-47.575
• Congressional General Reductions		-	-			
• Congressional Directed Reductions		-	-			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		-	-			
• SBIR/STTR Transfer		-0.284	-			
• Other Adjustments		-0.050	-	-47.575	-	-47.575
Change Summary Explanation						
FY2011 adjustments (Cong General Reductions -\$0.050, Reductions \$0, Cong Directed Reductions \$0, Cong Adds \$0, Cong Directed Transfers \$0).						
FY2013 - JDRADM was terminated for higher AF priorities.						
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
Title: Product Development		8.265	27.159	-	-	-
Description: Risk Reduction Studies/Concept Development/Technology Maturation						
FY 2011 Accomplishments:						
Start a joint effort with DARPA for an advanced missile demonstration to mature critical technologies during MSA. Develop/demonstrate advanced control, agility and propulsion technologies; along with responsive warhead/fuzing capabilities; to give single missile near full spherical intercept capability independent of target orientation and velocity. Finalize demonstration missile design. Continue mission support and provide program management to ongoing product development.						
FY 2012 Plans:						
Continue support for the advanced missile demonstration to mature critical technologies during MSA. Continue mission support and provide program management to ongoing product development.						
FY 2013 Base Plans:						

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C. Accomplishments/Planned Programs (\$ in Millions)							FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total
N/A											
FY 2013 OCO Plans: N/A											
Title: Materiel Solution Analysis (MSA) Description: Evaluation of Alternative Weapons/Prep for Technology Development (TD) Phase							1.200	2.600	-	-	-
FY 2011 Accomplishments: Continue funding for the MSA phase. Conduct the evaluation of alternative weapons. Begin preparation for Milestone A and entrance into TD phase in FY13. Continue mission support and provide program management to execute MSA.											
FY 2012 Plans: Continue to fund MSA activities and preparation for Milestone A and entrance into TD phase in FY13. Continue mission support and provide program management to execute MSA.											
FY 2013 Base Plans: N/A											
FY 2013 OCO Plans: N/A											
Accomplishments/Planned Programs Subtotals							9.465	29.759	-	-	-
D. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013 Base</u>	<u>FY 2013 OCO</u>	<u>FY 2013 Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• PE 0207163F: AMRAAM, RDT&E: N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
E. Acquisition Strategy											
Next Generation Missile (NGM), or JDRADM, completed the pre-MSA phase of acquisition with risk reduction and critical technology maturity efforts supported by the Air Force Research Lab (AFRL). The program completed an MDD Defense Acquisition Board (DAB) in Nov 10 and proceeded into the MSA phase. Development of the NGM acquisition/contract strategy and formalizing requirements continues to evolve pending the completion of the evaluation of alternative weapons effort. The											

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<p>preliminary findings of this effort have determined that the technology maturation is not consistent with proceeding to the Technology Development (TD) phase and the cost at this time is too prohibitive; therefore, the program has been terminated.</p>		
F. Performance Metrics <p>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.</p>		

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Exhibit R-4, RDT&E Schedule Profile: PB 2013 Air Force		DATE: February 2012
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3600: Research, Development, Test & Evaluation, Air Force BA 4: Advanced Component Development & Prototypes (ACD&P)	PE 0604330F: Joint Dual-Role Air Dominance Missile (JDRADM)	645342: Concept Development

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Exhibit R-4A, RDT&E Schedule Details: PB 2013 Air Force			DATE: February 2012
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Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
NGM MDD DAB completed/approved	1	2011	1	2011
MSA Phase	1	2011	1	2013
AF/DARPA Triple Target Terminator (T3) Critical Design Review (CDR)	4	2011	4	2011
Evaluation of Alternative Weapons	2	2011	1	2012
AF/DARPA T3 Test Readiness Review (TRR)	4	2012	4	2012