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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Air Force **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 3600: <i>Research, Development, Test & Evaluation, Air Force</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604330F: <i>Joint Dual Role Air Dominance Missile</i>
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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	-	28.871	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
645342: <i>Concept Development</i>	-	28.871	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles		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

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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APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE				
3600: Research, Development, Test & Evaluation, Air Force		PE 0604330F: Joint Dual Role Air Dominance Missile				
BA 4: Advanced Component Development & Prototypes (ACD&P)						
B. Program Change Summary (\$ in Millions)		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget		29.759	0.000	0.000	-	0.000
Current President's Budget		28.871	0.000	0.000	-	0.000
Total Adjustments		-0.888	0.000	0.000	-	0.000
• 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		-0.888	0.000			
• Other Adjustments		0.000	0.000	0.000	-	0.000
Change Summary Explanation						
No Significant Changes						
C. Accomplishments/Planned Programs (\$ in Millions)				FY 2012	FY 2013	FY 2014
Title: Product Development				26.271	0.000	0.000
Description: Risk Reduction Studies/Concept Development/Technology Maturation						
FY 2012 Accomplishments:						
Continued support for the advanced missile demonstration to mature critical technologies during MSA. Continued mission support and provide program management to ongoing product development.						
FY 2013 Plans:						
N/A						
FY 2014 Plans:						
N/A						
Title: Materiel Solution Analysis (MSA)				2.600	0.000	0.000
Description: Evaluation of Alternative Weapons/Prep for Technology Development (TD) Phase						
FY 2012 Accomplishments:						

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2012	FY 2013
Continued to fund MSA activities and preparation for Milestone A and entrance into TD phase in FY13. Continued mission support and provide program management to execute MSA.			
FY 2013 Plans: N/A			
FY 2014 Plans: N/A			
Accomplishments/Planned Programs Subtotals		28.871	0.000
D. Other Program Funding Summary (\$ in Millions) N/A			
Remarks			
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 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. BA4 - 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.			
F. 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 2014 Air Force												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 4: Advanced Component Development & Prototypes (ACD&P)						R-1 ITEM NOMENCLATURE PE 0604330F: Joint Dual Role Air Dominance Missile				PROJECT 645342: Concept Development					
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
Risk Reduction/Concept Development/Tech Maturation	Various	Various:Various,	-	26.271	Dec 2011	0.000		0.000		-		0.000	0.000	26.271	0.000
Materiel Solution Analysis (MSA)/Evaluation of Alternative Weapons	Various	Various:Various	-	1.800	Dec 2011	0.000		0.000		-		0.000	Continuing	Continuing	
Subtotal			0.000	28.071		0.000		0.000		0.000		0.000			
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
Subtotal			0.000	0.000		0.000		0.000		0.000		0.000	0.000	0.000	0.000
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 and Admin (PMA)	Various	Various:Various	-	0.800	Dec 2011	0.000		0.000		-		0.000	Continuing	Continuing	
Subtotal			0.000	0.800		0.000		0.000		0.000		0.000			

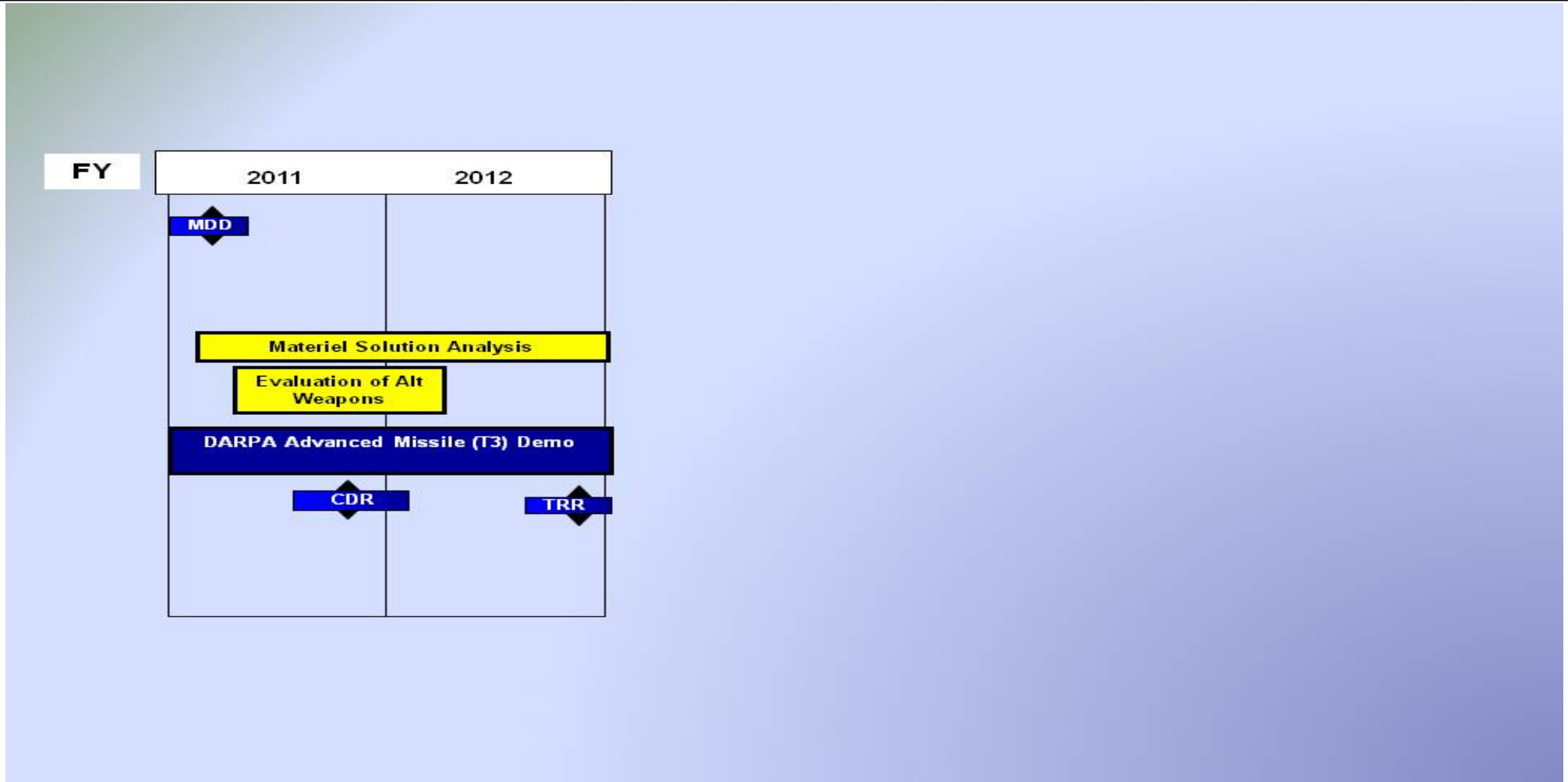
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APPROPRIATION/BUDGET ACTIVITY 3600: Research, Development, Test & Evaluation, Air Force BA 4: Advanced Component Development & Prototypes (ACD&P)					R-1 ITEM NOMENCLATURE PE 0604330F: Joint Dual Role Air Dominance Missile					PROJECT 645342: Concept Development			
	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	0.000	28.871		0.000		0.000		0.000		0.000			

Remarks

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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 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0604330F: Joint Dual Role Air Dominance Missile	PROJECT 645342: Concept Development



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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 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0604330F: <i>Joint Dual Role Air Dominance Missile</i>	PROJECT 645342: <i>Concept Development</i>	

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
MSA Phase	1	2012	1	2013
Evaluation of Alternative Weapons	1	2012	1	2012
AF/DARPA T3 Test Readiness Review (TRR)	4	2012	4	2012