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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force **Date:** March 2014

Appropriation/Budget Activity 3600: <i>Research, Development, Test & Evaluation, Air Force I BA 4: Advanced Component Development & Prototypes (ACD&P)</i>					R-1 Program Element (Number/Name) PE 0207110F / <i>Next Generation Air Dominance</i>							
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	-	-	15.722	-	15.722	3.889	-	-	-	Continuing	Continuing
646007: 2030+ AIR DOMINANCE AOS	-	-	-	15.722	-	15.722	3.889	-	-	-	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

Note

In FY15, a new BPAC 646007, 2030+ Air Dominance AOS was created. 2030+ Air Dominance AOS is an FY15 New Start.

A. Mission Description and Budget Item Justification

This program develops a next generation Air Dominance capability in support of the Air Force Air Dominance Concept of Operations, as directed in Joint Requirements Oversight Council Memorandum (JROCM) 043-13. Program efforts mitigate critical capability gaps identified in the March 2011 Air Force Next Generation Tactical AIR (TACAIR) Capabilities Based Assessment. This program will provide capability improvements in the areas of persistence, survivability, lethality, connectivity, interoperability, and affordability. A wide variety of concept options are being considered for an Air Dominance platform. Funding supports operational and system architecture development, maturation and risk reduction of advanced Air Dominance related technologies, and integrated system concept development and demonstration.

BA-04 - 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.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	-	-	-	-	-
Current President's Budget	-	-	15.722	-	15.722
Total Adjustments	-	-	15.722	-	15.722
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Other Adjustments	-	-	15.722	-	15.722

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Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 4: Advanced Component Development & Prototypes (ACD&P)		R-1 Program Element (Number/Name) PE 0207110F I Next Generation Air Dominance		
Change Summary Explanation FY15 increase of \$15.722 for the newly implemented 2030+ Air Dominance Concept Development effort.				
C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
Title: 2030+ Air Dominance Concept Development Description: 2030+ Air Dominance Concept Development consists of operational analyses, threat studies and technology candidate assessments to identify operational concepts and technologies that improve persistence, survivability, lethality, connectivity, interoperability and affordability in 2030 and beyond. This effort will provide for prime contractor support manpower to conduct analyses, identify technology candidates and complete concept studies. FY 2013 Accomplishments: N/A FY 2014 Plans: N/A FY 2015 Plans: The 2030+ Air Dominance Concept Development working groups will be methodically assessing the candidate concepts utilizing USAF directives and guidance		-	-	9.722
Title: Air Dominance Studies Description: Studies that support the 2030+AD program in refining system concepts and operational/system architectures to include family of systems and system of systems. FY 2013 Accomplishments: N/A FY 2014 Plans: N/A FY 2015 Plans: The 2030+AD candidate concepts are integrating leading edge technologies into yet to be finalized threat environments and scenarios. Studies that refine system concepts and operational/system architectures to include family of systems and system of systems are required in support of the Analysis of Alternatives.		-	-	1.000
Title: Air Dominance Technical Risk Reduction Description: Industry informed government concepts are accomplished through technical risk reduction work with prime contractors to refine integration and trade space as well as operational analysis to inform system performance trades.		-	-	5.000

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C. Accomplishments/Planned Programs (\$ in Millions)								FY 2013	FY 2014	FY 2015	
<i>FY 2013 Accomplishments:</i> N/A <i>FY 2014 Plans:</i> N/A <i>FY 2015 Plans:</i> 2030+ Air Dominance technology integration, operational and system trade space analysis required to support Concept Development.											
Accomplishments/Planned Programs Subtotals								-	-	15.722	
D. Other Program Funding Summary (\$ in Millions)											
<u>Line Item</u>	<u>FY 2013</u>	<u>FY 2014</u>	<u>FY 2015</u> <u>Base</u>	<u>FY 2015</u> <u>OCO</u>	<u>FY 2015</u> <u>Total</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• N/A: None	-	-	-	-	-	-	-	-	-	-	-
Remarks											
E. Acquisition Strategy											
The acquisition strategy is to develop next generation Air Dominance capabilities.											
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-4, RDT&E Schedule Profile: PB 2015 Air Force

Date: March 2014

Appropriation/Budget Activity
3600 / 4

R-1 Program Element (Number/Name)
PE 0207110F / *Next Generation Air Dominance*

Project (Number/Name)
646007 / *2030+ AIR DOMINANCE AOS*

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Air Dominance 2030+ Schedule

Phases	FY14	FY15	FY16	FY17	FY18	FY19
Pre-MDD		Program Staffing Security Org MDD Documentation				
Pre-AoA		Joint AoA Study Plan AF-specific study plans S&T gap / needs analysis				
AoA			AoA Start	Effectiveness Analysis Risk Analysis Cost Analysis		
Milestone		MDD			M/S A	Technology Development

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