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

Date: March 2014

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

3600: Research, Development, Test & Evaluation, Air Force I BA 6: RDT&E

PE 0605101F I RAND Project Air Force

Management Support

COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO <sup>#</sup>	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	-	28.132	32.956	30.443	-	30.443	35.151	35.263	34.866	35.495	Continuing	Continuing
661110: Project Air Force	-	28.132	32.956	30.443	-	30.443	35.151	35.263	34.866	35.495	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

<sup>&</sup>lt;sup>#</sup> The FY 2015 OCO Request will be submitted at a later date.

### A. Mission Description and Budget Item Justification

This program provides for continuing analytical research across a broad spectrum of aerospace issues and concerns. The Project AIR FORCE (PAF) research agenda is focused primarily on mid to long-term problems; in addition, PAF provides quick response assistance for senior Air Force officials on high priority, near term issues. Within these areas, PAF addresses difficult and complex, far-reaching and inter-related questions linked to future strategies, approaches and policies, in order to enhance Air Force senior leadership's deliberations and decisionmaking on major issues. The Air Force Steering Group, chaired by the Vice Chief of Staff, reviews, monitors, and approves PAF annual research efforts. Each project is initiated, processed, and approved in accordance with PAF Sponsoring Agreement which requires General Officer (or SES equivalent) sponsorship and involvement on a continuing basis.

PAF is organized in four primary research program areas: strategy and doctrine; force modernization employment; manpower, personnel and training; and resource management. Integrative research projects are also conducted at the division level with direct support provided through the most applicable program. Research programs address organizational crosscutting issues as defined by specific research themes approved by the Air Force Steering Group. These research themes encompass a wide spectrum of topics including external challenges to national security; terrorism and homeland defense; joint and coalition operations; integrated roadmap for ISR capabilities; enhancing, tailoring and reducing infrastructure to meet new force requirements; potential changes to the Active/Reserve/National Guard/Civilian/Contractor manpower mix; and improved weapon system costing.

The research program will continue to build upon research foundations, examining the evolving security environment, emerging threats, national and military strategy, transformation approaches including investment strategies to provide capabilities within changing Defense budgets, operational concepts to meet evolving and increasingly joint missions, exploiting advanced technologies, increasing the effectiveness and efficiency of combat support, and developing the total force (Active/Reserve/National Guard/Civilian/Contractor). These efforts will continue to inform and support the senior Air Force leadership regarding personnel management and training; improving logistical efficiencies and force sustainment; ongoing conflicts and joint operations; force structure capabilities, limitations, and operational concepts; and making force structure tradeoffs within resource constraints to meet future national security and Air Force needs.

Future research will build upon earlier work to continue to help the Air Force to rapidly and appropriately adapt to the changing world environment and emerging threats; continue to modernize and employ its force structure to provide capabilities within changing DoD budgets; assess lessons learned from recent and ongoing conflicts; develop and utilize its total force; and enhance the support of our aerospace forces, ranging from sustainment of the force structure to agile combat support.

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PAF research spans functional and organizational boundaries and is managed in a manner to facilitate independence and freedom from organizational bias thereby providing perspectives and insights to senior Air Force leaders free from parochial influences not necessarily in the best interest of the Air Force at large. Benefits of independent non-Department of Defense analysis of complex present day and emerging issues are shared beyond the immediacy of the Air Force. PAF study results are given wide dissemination within the DOD on a routine basis and are deposited with the Defense Technical Information Center available to a broad range of qualified government and commercial-sector individuals and activities.

This program is in Budget Activity 6, RDT&E Management and Support because this budget activity includes research, development, and test and evaluation efforts and funds to sustain and/or modernize the installations or operations required for general research, development, test and evaluation.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	25.579	32.956	28.358	-	28.358
Current President's Budget	28.132	32.956	30.443	-	30.443
Total Adjustments	2.553	-	2.085	-	2.085
<ul> <li>Congressional General Reductions</li> </ul>	-0.034	-			
<ul> <li>Congressional Directed Reductions</li> </ul>	-	-			
<ul> <li>Congressional Rescissions</li> </ul>	-	-			
<ul> <li>Congressional Adds</li> </ul>	-	-			
<ul> <li>Congressional Directed Transfers</li> </ul>	-	-			
Reprogrammings	4.689	-			
SBIR/STTR Transfer	-	_			
Other Adjustments	-2.102	-	2.085	-	2.085

# **Change Summary Explanation**

FY13 increase in Current PB is attributable to Reprogrammings due to a Below Threshold Reprogramming of \$4.689M.

FY13 decrease in Other Adjustments is due to sequestration.

FY15 increase from previous PB is due to higher AF priorities.

C. Accomplishments/Planned Programs (\$ in Millions)	FY 2013	FY 2014	FY 2015
Title: Strategy & Doctrine	6.934	7.945	7.306
<b>Description:</b> Provides for continuing analytical research across a broad spectrum of aerospace issues and concernsstrategy and doctrine.			
FY 2013 Accomplishments:			

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
Completed analytical research across a broad spectrum of aerospace issues	and concernsstrategy and doctrine.			
FY 2014 Plans: Provides for continuing analytical research across a broad spectrum of aerospectrum.	pace issues and concernsstrategy and doctrine.			
FY 2015 Plans: Provides for continuing analytical research across a broad spectrum of aerospectrum.	pace issues and concernsstrategy and doctrine.			
Title: Force Development		6.092	7.765	7.306
<b>Description:</b> Provides analytical research across a broad spectrum of aerosp employment.	pace issues and concernsforce development			
FY 2013 Accomplishments: Completed analytical research across a broad spectrum of aerospace issues	and concernsforce development employment.			
FY 2014 Plans: Provides for continuing analytical research across a broad spectrum of aerospemployment.				
FY 2015 Plans: Provides for continuing analytical research across a broad spectrum of aerospemployment.	pace issues and concernsforce development			
Title: Manpower, Personnel & Training		6.092	8.126	7.306
<b>Description:</b> Provides analytical research across a broad spectrum of aerosp training.	pace issues and concernsmanpower, personnel and			
FY 2013 Accomplishments: Completed analytical research across a broad spectrum of aerospace issues	and concernsmanpower, personnel and training			
FY 2014 Plans: Provides for continuing analytical research across a broad spectrum of aerospand training	pace issues and concernsmanpower, personnel			
FY 2015 Plans: Provides for continuing analytical research across a broad spectrum of aerospand training	pace issues and concernsmanpower, personnel			
Title: Resource Management		7.356	7.674	7.306

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C. Accomplishments/Planned Programs (\$ in Millions)		FY 2013	FY 2014	FY 2015
Description: Provides analytical research across a broad spectrum of aerospa	ace issues and concernsresource management.			
FY 2013 Accomplishments:  Completed analytical research across a broad spectrum of aerospace issues a continuing analytical research across a broad spectrum of aerospace issues at				
FY 2014 Plans: Provides for continuing analytical research across a broad spectrum of aerosp management. Provides for continuing analytical research across a broad spectrum anagement.				
FY 2015 Plans: Provides for continuing analytical research across a broad spectrum of aerosp and training	ace issues and concernsmanpower, personnel			
Title: Integrative Research/Direct Support		1.658	1.446	1.219
<b>Description:</b> Provides for continuing analytical research across a broad spectresearch/direct support.	rum of aerospace issues and concernsintegrative			
FY 2013 Accomplishments:  Completed analytical research across a broad spectrum of aerospace issues a	and concernsintegrative research/direct support.			
FY 2014 Plans: Provides for continuing analytical research across a broad spectrum of aerosp direct support.	ace issues and concernsintegrative research/			
FY 2015 Plans: Provides for continuing analytical research across a broad spectrum of aerosp direct support.	ace issues and concernsintegrative research/			
	Accomplishments/Planned Programs Subtotals	28.132	32.956	30.443
D. Other Program Funding Summary (\$ in Millions)  N/A  Remarks				

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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Air Force		Date: March 2014
Appropriation/Budget Activity 8600: Research, Development, Test & Evaluation, Air Force I BA 6: RDT&E Management Support	R-1 Program Element (Number/Name) PE 0605101F I RAND Project Air Force	
E. Acquisition Strategy N/A		
F. Performance Metrics		
Please refer to the Performance Base Budget Overview Book for information Force performance goals and most importantly, how they contribute to our mi		esources are contributing to Air

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