

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

February 2003

BUDGET ACTIVITY

06 - RDT&E Management Support

PE NUMBER AND TITLE

0605101F RAND Project Air Force

PROJECT

1110

COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
1110 Project Air Force	28,957	25,192	24,586	25,035	26,172	26,705	27,089	27,453	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

(U) **A. Mission Description**

(U) 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. Results and analytical findings impact senior management deliberations 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 IAW PAF Sponsoring Agreement which requires General Officer (or SES equivalent) sponsorship and involvement on a continuing basis.

(U) PAF is organized in four primary research program areas: strategy and doctrine; aerospace force development; manpower, personnel and training; and resource management. Integrative research projects are also conducted at the division level with direct support assistance 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, integrating the ISR mix, terrorism and homeland defense, tailoring and reducing infrastructure to meet new force requirements, and improved weapon system costing.

(U) FY02 research themes were developed to achieve greater focus on transformation efforts, and several research efforts (related to counter-terrorism and homeland defense) were initiated. The research effort concentrated on an integrated mix of: manned and unmanned ISR and strike forces; establishment and sustainment of space capabilities; recapitalizing the USAF wide-body fleet; cost-effective timing and platform strategies; how best to develop Air Force leaders; officer and enlisted retention issues; command and control architecture for agile combat support (to include lessons learned from Operation Enduring Freedom); improved supply chain management; innovative adaptation of business practices; and managing a global consolidated aerospace industry.

(U) FY03 research will focus on new threats and environments that impact air and space operations to include continued research on China and Asian security and counter-terrorism strategy initiated in the wake of 9/11. Force employment research will emphasize: integration of capabilities (ISR, strike, manned and unmanned); concepts of operation for expeditionary air forces; the expanding role of information in warfare; and real-time command and control. Lessons from OEF and ONA will be factored into this research. Work will continue on: developing Air Force leaders; integrating manpower and personnel functions; and dealing with chronically undermanned skill types. Research Management research will continue the focus on: cost analysis; acquisition strategies; managing an aging aircraft fleet; agile combat

Project 1110

Page 1 of 4 Pages

Exhibit R-2 (PE 0605101F)

1109

UNCLASSIFIED

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

February 2003

BUDGET ACTIVITY

06 - RDT&E Management Support

PE NUMBER AND TITLE

0605101F RAND Project Air Force

PROJECT

1110

(U) A. Mission Description Continued

support sustainment initiatives; and adaptation of modern business practices.

(U) The FY04 research program will build on research foundations to examine the evolving security environment, emerging threats, military strategy, transformation, operational concepts, logistics, personnel, and system integration. Future efforts will focus on support to senior leadership regarding personnel management, improving logistical efficiencies, fighting the global war on terrorism, and making force structure tradeoffs within resource constraints to meet future national security and Air Force needs.

(U) PAF research spans functional and organization 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 spins not necessarily in the best interest of the Air Force at large.

(U) 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 individuals and activities.

(U) FY 2002 (\$ in Thousands)

(U) \$0	Accomplishments/Planned Program
(U) \$3,800	Strategy and Doctrine
(U) \$7,997	Aerospace Force Development
(U) \$5,400	Manpower, Personnel and Training
(U) \$8,300	Resource Management
(U) \$3,460	Integrative Research / Direct Support
(U) \$28,957	Total

(U) FY 2003 (\$ in Thousands)

(U) \$0	Accomplishments/Planned Program
(U) \$3,900	Strategy and Doctrine
(U) \$6,700	Aerospace Force Development
(U) \$5,500	Manpower, Personnel, and Training
(U) \$7,238	Resource Management
(U) \$1,854	Integrative Research/Direct Support

Project 1110

Page 2 of 4 Pages

Exhibit R-2 (PE 0605101F)

1110

UNCLASSIFIED

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

February 2003

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

06 - RDT&E Management Support**0605101F RAND Project Air Force****1110**(U) **A. Mission Description Continued**(U) **FY 2003 (\$ in Thousands) Continued**

(U) \$25,192 Total

(U) **FY 2004 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program

(U) \$3,600 Strategy and Doctrine

(U) \$6,500 Aerospace Force Development

(U) \$5,400 Manpower, Personnel, and Training

(U) \$7,000 Resource Management

(U) \$2,086 Integrative Research/Direct Support

(U) \$24,586 Total

(U) **B. Budget Activity Justification**

This program is in budget activity 6 - Management and Support, because it funds RAND Project AIR FORCE (PAF), the only Air Force Federally Funded Research and Development Center for studies and analyses.

(U) **C. Program Change Summary (\$ in Thousands)**

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Total Cost</u>
(U) Previous President's Budget	25,098	25,524	25,916	
(U) Appropriated Value	25,098	25,462		TBD
(U) Adjustments to Appropriated Value				
a. Congressional/General Reductions				
b. Small Business Innovative Research				
c. Omnibus or Other Above Threshold Reprogram				
d. Below Threshold Reprogram	4,000			
e. Rescissions				
(U) Adjustments to Budget Years Since FY 2003 PBR	-141	-270	-1,330	
(U) Current Budget Submit/FY 2004 PBR	28,957	25,192	24,586	TBD
(U) <u>Significant Program Changes:</u>				
N/A				

Project 1110

Page 3 of 4 Pages

Exhibit R-2 (PE 0605101F)

1111

UNCLASSIFIED

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

February 2003

BUDGET ACTIVITY

06 - RDT&E Management Support

PE NUMBER AND TITLE

0605101F RAND Project Air Force

PROJECT

1110

(U) **D. Other Program Funding Summary (\$ in Thousands)**

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>Cost to</u>	<u>Total Cost</u>
	<u>Actual</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Estimate</u>	<u>Complete</u>	
(U) O&M	1,980									

(U) **E. Acquisition Strategy**

A comprehensive review of RAND/Project AIR FORCE has been completed and a new, 5-year (FY01-FY05) Cost Plus / Fixed Fee contract was awarded on 30 Sep 00.

(U) **F. Schedule Profile**

	<u>FY 2002</u>				<u>FY 2003</u>				<u>FY 2004</u>			
	1	2	3	4	1	2	3	4	1	2	3	4
(U) Adjust FY02 Research Plan	X											
(U) Annual Evaluation FY02					X							
(U) Draft FY03 Research Plan					X							
(U) Approve FY03 Research Plan					X							
(U) Adjust FY03 Research Plan						*						
(U) Annual Evaluation FY03									*			
(U) Draft FY04 Research Plan							*					
(U) Approve FY04 Research Plan								*				
(U) Adjust FY04 Research Plan									*			

X = Completed * = Planned