

## UNCLASSIFIED

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

DATE

June 2001

BUDGET ACTIVITY

**06 - Management and Support**

PE NUMBER AND TITLE

**0605101F RAND Project Air Force**

PROJECT

**1110**

COST (\$ in Thousands)	FY 2000 Actual	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
1110 Project Air Force	24,081	21,877	25,098	25,524	26,073	26,621	27,104	27,763	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

FY03-FY07 budget numbers do not reflect DoD's strategic review results.

**(U) A. Mission Description**

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 directly 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 cross-cutting 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, implementation of the Air Expeditionary Force, tailoring and reducing infrastructure and improved weapon system costing.

(U) In FY 99, principal research efforts included studies on Chinese defense modernization and the USAF, NATO's role in ensuring energy security, the role of aerospace power in urban conflict, implications of unmanned air vehicles for the future shape of the Air Force, enhancing the effectiveness of air expeditionary forces, exploiting commercial communication systems, implementation of lean logistics and agile combat support, improved Air Force contracting for support services, improved weapon system cost analysis, and improved ways of measuring and forecasting Air Force readiness, managing the aging aircraft fleet, shaping the future total force, and creating a human resource system to support the expeditionary aerospace force.

(U) During FY00, research undertaken by Project AIR FORCE (PAF) was driven by specific focus areas developed through the USAF strategic planning process, force modernization initiatives, and enduring management and resource areas of concern to USAF leadership. The research agenda for FY00 extended work initiated in FY99. Work was defined in support of research themes which focused on major external challenges and opportunities affecting USAF operations, institutionalization of the USAF vision and strategic plan, implementation of the Air Expeditionary Force concept, integration of air and space operations, power projection forces, and, force mix

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Exhibit R-2 (PE 0605101F)

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<p>(U) <b><u>A. Mission Description Continued</u></b></p> <p>and infrastructure. Of particular note in FY00, PAF continued of an assessment of Kosovo lessons learned, examined problems associated with aging aircraft, performed an analysis of the role of aerospace forces in urban warfare, assessed India's emerging nuclear posture, studied ways to implement flex-basing to enhance global presence for the AEF concep, and performed a strategic appraisal of Information Warfare.</p> <p>(U) For FY01, the PAF research themes have been modified to address a focus on transformation efforts. Research efforts will concentrate on topics such as the proper mix of on-board and off-board ISR sensors, continued integration of air and space assets, issues associated with pursuing a common wide-body aircraft frame, establishment and sustainment of space capabilities, how to best develop Air Force leaders, retention issues, agile combat support, working capital fund, and preserving the industrial base.</p> <p>(U) For FY02, the current research themes which guide the PAF research agenda will be adjusted as necessary to stay aligned with Air Force transformation efforts, to address issues raised during QDR 2001 and to accomodate a change in administration. Questions of interest will likely be incorporation of Kosovo lessons learned, maturation of the AEF concept of operations, continued use of commercial sources and methods, effective use of Air Force resources and long term modernization of the aerospace force.</p> <p>(U) 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 spins not necessarily in the best interest of the Air Force at large.</p> <p>(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 deposited with the Defense Technical Information Center available to a broad range of qualified government and commercial individuals and activities.</p> <p>(U) <b><u>FY 2000 (\$ in Thousands)</u></b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 10%;">(U) \$4,100</td> <td>Strategy and Doctrine</td> </tr> <tr> <td>(U) \$7,000</td> <td>Aerospace Force Development</td> </tr> <tr> <td>(U) \$3,600</td> <td>Manpower, Personnel and Training</td> </tr> <tr> <td>(U) \$7,400</td> <td>Resource Management</td> </tr> <tr> <td>(U) \$1,981</td> <td>Integrative Research / Direct Support</td> </tr> <tr> <td>(U) \$24,081</td> <td>Total</td> </tr> </table>			(U) \$4,100	Strategy and Doctrine	(U) \$7,000	Aerospace Force Development	(U) \$3,600	Manpower, Personnel and Training	(U) \$7,400	Resource Management	(U) \$1,981	Integrative Research / Direct Support	(U) \$24,081	Total
(U) \$4,100	Strategy and Doctrine													
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(U) \$1,981	Integrative Research / Direct Support													
(U) \$24,081	Total													
<div style="display: flex; justify-content: space-between;"> <span>Project 1110</span> <span>Page 2 of 4 Pages</span> <span>Exhibit R-2 (PE 0605101F)</span> </div>														

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DATE

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BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

**06 - Management and Support****0605101F RAND Project Air Force****1110**(U) **A. Mission Description Continued**(U) FY 2001 (\$ in Thousands)

(U) \$4,200 Strategy and Doctrine  
 (U) \$5,900 Aerospace Force Development  
 (U) \$4,600 Manpower, Personnel and Training  
 (U) \$5,900 Resource Management  
 (U) \$1,277 Integrative Research / Direct Support  
 (U) \$21,877 Total

The following net transactions are not reflected in the FY01 program total: BTR = +3999K. These transactions are not reflected in other sections of the R-docs where an FY01 total is shown.

(U) FY 2002 (\$ in Thousands)

(U) \$3,800 Strategy and Doctrine  
 (U) \$6,747 Aerospace Force Development  
 (U) \$5,400 Manpower, Personnel and Training  
 (U) \$7,200 Resource Management  
 (U) \$1,951 Integrative Research / Direct Support  
 (U) \$25,098 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 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Total Cost</u>
(U) Previous President's Budget (FY 2001 PBR)	20,560	24,080	20,354	
(U) Appropriated Value	20,560	22,080		
(U) Adjustments to Appropriated Value				
a. Congressional/General Reductions	-392	-155		
b. Small Business Innovative Research				
c. Omnibus or Other Above Threshold Reprogram				

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BUDGET ACTIVITY <b>06 - Management and Support</b>				PE NUMBER AND TITLE <b>0605101F RAND Project Air Force</b>			PROJECT <b>1110</b>				
(U) <b><u>C. Program Change Summary (\$ in Thousands) Continued</u></b>											
				<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Total Cost</u>				
	d. Below Threshold Reprogram			3,993							
	e. Rescissions			-80	-48						
(U)	Adjustments to Budget Years Since FY 2001 PBR					4,744					
(U)	Current Budget Submit/FY 2002 PBR			24,081	21,877	25,098	TBD				
(U)	<u>Significant Program Changes:</u>										
	N/A										
(U) <b><u>D. Other Program Funding Summary (\$ in Thousands)</u></b>											
		<u>FY 2000</u>	<u>FY 2001</u>	<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>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)	Not Applicable										
(U) <b><u>E. Acquisition Strategy</u></b>											
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) <b><u>F. Schedule Profile</u></b>											
				<u>FY 2000</u>			<u>FY 2001</u>			<u>FY 2002</u>	
				1	2	3	4	1	2	3	4
(U)	Adjust FY00 Research Plan			*							
(U)	Annual Evaluation FY00						*				
(U)	Draft FY01 Research Plan					*					
(U)	Approve FY01 Research Plan						*				
(U)	Adjust FY01 Research Plan							*			
(U)	Draft FY02 Research Plan								X		
(U)	Approve FY02 Research Plan								X		
(U)	Adjust FY02 Research Plan									X	