

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 2000		
BUDGET ACTIVITY 06 - Management and Support				PE NUMBER AND TITLE 0605101F RAND Project Air Force				PROJECT 661110		
COST (\$ in Thousands)		FY 1999 Actual	FY 2000 Estimate	FY 2001 Estimate	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	Cost to Complete	Total Cost
661110	Project Air Force	23,485	19,864	24,080	20,354	20,769	21,198	21,537	Continuing	
	Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0

(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 and system acquisition. 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) will be 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 extends work initiated in FY99. Work has been defined in support of research themes which focus 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 and infrastructure. Of particular note in FY00 will be the continuation of an assessment of Kosovo lessons learned, covering a broad spectrum of planning,

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)		DATE February 2000																						
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT																						
06 - Management and Support	0605101F RAND Project Air Force	661110																						
<p>(U) <u>A. Mission Description Continued</u> operational and support activities and the application of these findings to future Air Force plans and operations.</p> <p>(U) For FY01, the current research themes which guide the PAF research agenda will be adjusted as necessary, primarily to reflect the major questions that will be addressed during QDR 2001. 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) <u>FY 1999 (\$ in Thousands)</u></p> <table border="0"> <tr> <td>(U) \$4,300</td> <td>Strategy and Doctrine</td> </tr> <tr> <td>(U) \$6,800</td> <td>Force Modernization and Employment</td> </tr> <tr> <td>(U) \$8,400</td> <td>Resource Management and Systems Acquisition</td> </tr> <tr> <td>(U) \$3,985</td> <td>Integrative Research/Direct Support</td> </tr> <tr> <td>(U) \$23,485</td> <td>Total</td> </tr> </table> <p>(U) <u>FY 2000 (\$ in Thousands)</u></p> <table border="0"> <tr> <td>(U) \$3,500</td> <td>Strategy and Doctrine</td> </tr> <tr> <td>(U) \$6,250</td> <td>Aerospace Force Development</td> </tr> <tr> <td>(U) \$2,400</td> <td>*Manpower, Personnel and Training</td> </tr> <tr> <td>(U) \$6,400</td> <td>Resource Management and Systems Acquisition</td> </tr> <tr> <td>(U) \$1,314</td> <td>Integrative Research / Direct Support</td> </tr> <tr> <td>(U) \$19,864</td> <td>Total</td> </tr> </table> <p>* No split in FY99, program new in FY00</p>			(U) \$4,300	Strategy and Doctrine	(U) \$6,800	Force Modernization and Employment	(U) \$8,400	Resource Management and Systems Acquisition	(U) \$3,985	Integrative Research/Direct Support	(U) \$23,485	Total	(U) \$3,500	Strategy and Doctrine	(U) \$6,250	Aerospace Force Development	(U) \$2,400	*Manpower, Personnel and Training	(U) \$6,400	Resource Management and Systems Acquisition	(U) \$1,314	Integrative Research / Direct Support	(U) \$19,864	Total
(U) \$4,300	Strategy and Doctrine																							
(U) \$6,800	Force Modernization and Employment																							
(U) \$8,400	Resource Management and Systems Acquisition																							
(U) \$3,985	Integrative Research/Direct Support																							
(U) \$23,485	Total																							
(U) \$3,500	Strategy and Doctrine																							
(U) \$6,250	Aerospace Force Development																							
(U) \$2,400	*Manpower, Personnel and Training																							
(U) \$6,400	Resource Management and Systems Acquisition																							
(U) \$1,314	Integrative Research / Direct Support																							
(U) \$19,864	Total																							
Project 661110	Page 2 of 4 Pages	Exhibit R-2 (PE 0605101F)																						

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)		DATE																																																												
		February 2000																																																												
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT																																																												
06 - Management and Support	0605101F RAND Project Air Force	661110																																																												
<p>(U) <u>A. Mission Description Continued</u></p> <p>(U) <u>FY 2001 (\$ in Thousands)</u></p> <p>(U) \$4,420 Strategy and Doctrine</p> <p>(U) \$6,965 Aerospace Force Development</p> <p>(U) \$2,966 Manpower, Personnel and Training</p> <p>(U) \$7,644 Resource Management and Systems Acquisition</p> <p>(U) \$2,085 Integrative Research / Direct Support</p> <p>(U) \$24,080 Total</p> <p>(U) <u>B. Budget Activity Justification</u></p> <p>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.</p> <p>(U) <u>C. Program Change Summary (\$ in Thousands)</u></p> <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 55%;"></th> <th style="width: 10%; text-align: center;"><u>FY 1999</u></th> <th style="width: 10%; text-align: center;"><u>FY 2000</u></th> <th style="width: 10%; text-align: center;"><u>FY 2001</u></th> <th style="width: 15%; text-align: center;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Previous President's Budget (FY 2000 PBR)</td> <td align="right">19,991</td> <td align="right">20,560</td> <td align="right">20,294</td> <td></td> </tr> <tr> <td>(U) Appropriated Value</td> <td align="right">21,168</td> <td align="right">20,560</td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> a. Congressional/General Reductions</td> <td align="right">-1,177</td> <td align="right">-262</td> <td></td> <td></td> </tr> <tr> <td> b. Small Business Innovative Research</td> <td align="right">-675</td> <td></td> <td></td> <td></td> </tr> <tr> <td> c. Omnibus or Other Above Threshold Reprogram</td> <td></td> <td align="right">-304</td> <td></td> <td></td> </tr> <tr> <td> d. Below Threshold Reprogram</td> <td align="right">4,300</td> <td></td> <td></td> <td></td> </tr> <tr> <td> e. Rescissions</td> <td align="right">-131</td> <td align="right">-130</td> <td></td> <td></td> </tr> <tr> <td> f. Other</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Budget Years Since FY 2000 PBR</td> <td></td> <td></td> <td align="right">3,786</td> <td></td> </tr> <tr> <td>(U) Current Budget Submit/FY 2001 PBR</td> <td align="right">23,485</td> <td align="right">19,864</td> <td align="right">24,080</td> <td></td> </tr> </tbody> </table> <p>(U) <u>Significant Program Changes:</u> N/A</p>				<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>	(U) Previous President's Budget (FY 2000 PBR)	19,991	20,560	20,294		(U) Appropriated Value	21,168	20,560			(U) Adjustments to Appropriated Value					a. Congressional/General Reductions	-1,177	-262			b. Small Business Innovative Research	-675				c. Omnibus or Other Above Threshold Reprogram		-304			d. Below Threshold Reprogram	4,300				e. Rescissions	-131	-130			f. Other					(U) Adjustments to Budget Years Since FY 2000 PBR			3,786		(U) Current Budget Submit/FY 2001 PBR	23,485	19,864	24,080	
	<u>FY 1999</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>Total Cost</u>																																																										
(U) Previous President's Budget (FY 2000 PBR)	19,991	20,560	20,294																																																											
(U) Appropriated Value	21,168	20,560																																																												
(U) Adjustments to Appropriated Value																																																														
a. Congressional/General Reductions	-1,177	-262																																																												
b. Small Business Innovative Research	-675																																																													
c. Omnibus or Other Above Threshold Reprogram		-304																																																												
d. Below Threshold Reprogram	4,300																																																													
e. Rescissions	-131	-130																																																												
f. Other																																																														
(U) Adjustments to Budget Years Since FY 2000 PBR			3,786																																																											
(U) Current Budget Submit/FY 2001 PBR	23,485	19,864	24,080																																																											
Project 661110	Page 3 of 4 Pages	Exhibit R-2 (PE 0605101F)																																																												

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)	DATE February 2000
--	------------------------------

BUDGET ACTIVITY 06 - Management and Support	PE NUMBER AND TITLE 0605101F RAND Project Air Force	PROJECT 661110
---	---	--------------------------

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

	<u>FY 1999</u>	<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>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>Complete</u>	

(U) Not Applicable

(U) **E. Acquisition Strategy**
 The RAND Project Air Force contract is a 5 year (base + 4 option yrs) Cost Plus / Award Fee contract

(U) **F. Schedule Profile**

	<u>FY 1999</u>				<u>FY 2000</u>				<u>FY 2001</u>			
	1	2	3	4	1	2	3	4	1	2	3	4
(U) Approve FY99 Research Plan	*											
(U) Adjust FY99 Research Plan		*										
(U) Program-Wide Evaluation - FY99				*								
(U) Draft FY00/01 Research Plan				*								
(U) Approve FY00/01 Research Plan					*							
(U) Annual Evaluation FY00												X
(U) Draft FY01 Research Plan								X				X
(U) Approve FY01 Research Plan												X
(U) Adjust FY01 Research Plan												X