

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)									DATE June 2001	
BUDGET ACTIVITY 05 - Engineering and Manufacturing Development					PE NUMBER AND TITLE 0604233F Specialized Undergraduate Pilot Training					
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
Total Program Element (PE) Cost	43,638	23,634	4,885	1,977	2,016	2,060	0	0	0	345,749
4102 Joint Primary Aircraft Training System (JPATS)	36,372	21,473	1,885	1,977	2,016	2,060	0	0	0	262,154
4376 T-38 Avionics Upgrade Program (AUP)	7,266	2,161	3,000	0	0	0	0	0	0	83,595
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	8

Note: The cost of the RDT&E test articles shown above includes the JPATS test aircraft (T-1) funded with FY95 through FY00 funds and Ground Based Training System (GBTS) Aircrew Training Devices (ATD), conversion software, and Training Integration Management System (TIMS) components funded with FY97 through FY01 funds (\$161,571 thousand total). It also includes two T-38C (AUP equipped) test aircraft and two ATDs (\$37,693 thousand total).

Note: FY03-FY07 budget numbers do not reflect the DoD strategic review results.

(U) **A. Mission Description**
 Supports Air Education and Training Command's (AETC) implementation of Specialized Undergraduate Pilot Training (SUPT) and the Department of Defense initiative for joint pilot training. The Joint Primary Aircraft Training System (JPATS) is a joint USAF/USN venture to replace the Services' fleets of primary trainer aircraft (T-37 and T-34 respectively) and associated Ground Based Training Systems (GBTS). The Air Force is the Executive Service. The T-38 AUP is an integrated modernization of the T-38A and AT-38B cockpits to support mission ready fighter and bomber training. T-38 FY2002 funding is for software block updates driven by FAA-mandated changes, National Aerospace System (NAS) requirements, and enhancements identified during test and evaluation. Additionally, there are funds in this project for Phase I testing of propulsion enhancements for the T-38 aircraft and to update T-38 flight performance models, Technical Orders, and AUP software for both aircraft and Aircrew Training Devices for changes brought about by the T-38 Propulsion Modernization Program (PMP).

(U) **B. Budget Activity Justification**
 This program element is in Budget Activity 5, Engineering and Manufacturing Development (EMD) because it primarily involves the missionization of commercial derivative aircraft, equipment, and components.

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0604233F Specialized Undergraduate Pilot Training(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)	40,805	23,853	1,883	339,800
(U) Appropriated Value	41,156	23,853		
(U) Adjustments to Appropriated Value				
a. Congressional/General Reductions	-74			
b. Small Business Innovative Research	-1,155			
c. Omnibus or Other Above Threshold Reprogram	-1,103			
d. Below Threshold Reprogram	4,975			
e. Rescissions	-161	-219		
(U) Adjustments to Budget Years Since FY 2001 PBR			3,002	5,949
(U) Current Budget Submit/FY 2002 PBR	43,638	23,634	4,885	345,749

(U) **Significant Program Changes:**

FY2000 includes reprogrammings to JPATS that are repayment for FY1998 and FY1999 reductions used as Omnibus sources. FY2000 includes reprogrammings to the T-38 AUP to correct deficiencies found during Developmental Test and Evaluation (DT&E). FY2002 funding was added for T-38 AUP software block updates. FY2002 and out change due to revised inflation assumptions.

The following net transactions are not reflected in the FY01 program total: BTR = +\$3,100K, and SBIR = -\$366 K. These transactions are not reflected in other sections of the R-docs where an FY01 total is shown.

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05 - Engineering and Manufacturing Development**0604233F Specialized Undergraduate Pilot Training****4102**

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
4102 Joint Primary Aircraft Training System (JPATS)	36,372	21,473	1,885	1,977	2,016	2,060	0	0	0	262,154

Note: FY03-FY07 budget numbers do not reflect the DoD strategic review results.

(U) **A. Mission Description**

The Joint Primary Aircraft Training System (JPATS) is a joint USAF/USN venture to replace the Services' fleets of primary trainer aircraft (T-37 and T-34, respectively) and associated Ground Based Training Systems (GBTS). The aircraft and GBTS will be used to train entry-level student aviators in the fundamentals of flying so they can transition into advanced training tracks leading to qualification as military pilots, navigators, and naval flight officers. The program includes the purchase of aircraft, simulators, and other associated ground-based training devices, Training Integration Management System (TIMS), instructional courseware, and logistics support.

(U) **FY 2000 (\$ in Thousands)**

- (U) \$2,205 Complete air vehicle related items for data, completion of Aircraft Structural Integrity Program (ASIP), and Technical Manuals
- (U) \$32,942 Continue GBTS management and development of TIMS, ATDs, and Administration and Conversion Courseware
- (U) \$1,225 Mission Support and Government Test
- (U) \$36,372 Total

(U) **FY 2001 (\$ in Thousands)**

- (U) \$2,619 Incorporate changes to air vehicle as a result of test findings
- (U) \$18,288 Complete GBTS development
- (U) \$566 Mission Support and Government Test
- (U) \$21,473 Total

Note: The following transactions are not reflected in the FY01 program total: BTR = +\$3,100K and SBIR = -\$333K. These transactions are not reflected in other sections of the R-Docs where and FY01 total is shown.

(U) **FY 2002 (\$ in Thousands)**

- (U) \$1,885 Redetermination and settlement of MD contract.
- (U) \$1,885 Total

(U) **B. Project Change Summary**

FY2002 and beyond adjusted for revised inflation assumptions.

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PE NUMBER AND TITLE

PROJECT

05 - Engineering and Manufacturing Development

0604233F Specialized Undergraduate Pilot Training

4102

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

	<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) AF RDT&E	36,372	21,473	1,885	1,977	2,016	2,060	0	0	0	262,154
(U) Other APPN										
(U) Aircraft Procurement, Air Force, BA-3										
(U) JPATS	107,386	131,512	228,209	202,356	218,894	227,690	253,796	254,595	336,200	2,298,738
(U) JPATS, BA-6	0	0	0	61,357	23,830	24,582	25,464	26,303	30,500	192,036
(U) JPATS Mod Funding	0	0	200	0	0	0	0	0	0	200
(U) Military Construction, Air Force										
(U) PE 0804741F, JPATS	3,200	0	0	7,500	0	0	3,000	0	0	19,500
(U) RDT&E, Navy, BA-7										
(U) PE 0603208N, Training System Aircraft, H1150, JPATS	311	0	0	0	0	0	0	0	0	11,581
(U) Aircraft Procurement, Navy, BA-3										
(U) JPATS	55,355	80,625	0	0	0	0	0	45,771	1,709,249	1,891,000
(U) APN 6 Spares	0	0	0	0	0	0	0	6,349	124,900	131,249
(U) Military Construction, Navy	5,400	1,500	4,100	2,000	0	11,000	13,900	0	6,200	46,900

(U) **D. Acquisition Strategy**

Each acquisition was competitively awarded with the intent of maximizing the use of commercially available equipment and best commercial practices. The JPATS Program competitively awarded two contracts: a Firm Fixed Price Contractor Logistics Support (CLS) contract and a Fixed Price Incentive Firm manufacturing development (MD)/production contract with seven options. The follow-on contract for both the air vehicle and GBTS will be Firm Fixed Price.

(U) **E. Schedule Profile**FY 2000FY 2001FY 2002

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(U) E. Schedule Profile Continued

	<u>FY 2000</u>				<u>FY 2001</u>				<u>FY 2002</u>			
	1	2	3	4	1	2	3	4	1	2	3	4
(U) First Production Aircraft Delivery		*										
(U) Begin Multi-Service OT&E			*									
(U) Multi-Service OT&E Complete					*							
(U) Planning for Rate Review						*						
(U) TIMS, ATD, Courseware Delivery to Randolph AFB TX						*						
(U) Begin System Level Formative Evaluation (SLFE)						*						
(U) Complete SLFE							*					
(U) Milestone III									X			
(U) IOC Air Force (Moody AFB)									X			
(U) Begin System-Level Multi-Service OT&E									X			
(U) Training Integration Management System (TIMS) IOC - Laughlin AFB									X			
(U) TIMS IOC - Columbus AFB										X		
(U) Complete System-level Multi-Service OT&E											X	
* Denotes completed milestone												
X Denotes planned milestone												

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)								DATE June 2001		
BUDGET ACTIVITY					PE NUMBER AND TITLE				PROJECT	
05 - Engineering and Manufacturing Development					0604233F Specialized Undergraduate Pilot Training				4102	
(U) <u>A. Project Cost Breakdown (\$ in Thousands)</u>										
						<u>FY 2000</u>		<u>FY 2001</u>		<u>FY 2002</u>
(U)	Aircraft Missionization/Test and Evaluation					2,527		2,847		0
(U)	Ground Based Training System (GBTS)					32,942		18,288		0
(U)	Other Government Costs (OGC)					903		338		1,885
(U)	Total					36,372		21,473		1,885
(U) <u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u>										
(U) <u>Performing Organizations:</u>										
<u>Contractor or</u>	<u>Contract</u>									
<u>Government</u>	<u>Method/Type</u>	<u>Award or</u>	<u>Performing</u>	<u>Project</u>						
<u>Performing</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Activity</u>	<u>Office</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	<u>to FY 2000</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Complete</u>	<u>Program</u>
<u>Product Development Organizations</u>										
Raytheon Aircraft Company	C/FPI	5 Feb 96	220,296	220,296	108,230	2,205	2,619	0	0	113,054
(RAC)										
Flight Safety Services Corp.	N/A**	26 Sep 97	N/A	N/A	56,012	32,942	18,288	0	0	107,242
* RAC contract Total Program includes contract value, 'to ceiling,' Engineering Change Order (ECO), and Award Fee										
** Subcontract to RAC										
*** RAC EAC includes subcontracted GBTS effort, which is not individually reported										
<u>Support and Management Organizations</u>										
Various	Various	Various	N/A	N/A	32,129	1,225	566	1,885	6,053	41,858
<u>Test and Evaluation Organizations</u>										
<u>Subtotals</u>					<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
					<u>to FY 2000</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Complete</u>	<u>Program</u>
Subtotal Product Development					164,242	35,147	20,907	0	0	220,296
Subtotal Support and Management					32,129	1,225	566	1,885	6,053	41,858
Subtotal Test and Evaluation										
Total Project					196,371	36,372	21,473	1,885	6,053	262,154
Project 4102										
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0604233F Specialized Undergraduate Pilot Training

4376

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
4376 T-38 Avionics Upgrade Program (AUP)	7,266	2,161	3,000	0	0	0	0	0	0	83,595

Note: FY03-FY07 budget numbers do not reflect the DoD strategic review results.

(U) **A. Mission Description**

The T-38 Avionics Upgrade Program (AUP) is an integrated modernization of the T-38A and AT-38B cockpits to support mission-ready fighter training and converts all T-38A and AT-38B aircraft to T-38C configuration. The modernized digital cockpit will include Global Positioning System (GPS), Head-Up Display (HUD), Inertial Navigation System (INS), Multi-Function Displays (MFDs), Up-Front Control Panel (UFCP), Data Transfer System (DTS), No-Drop Bombing System (NDBS), and Hands-On Throttle and Stick (HOTAS) switchology. HUD symbology will be the new USAF standard recently certified as a primary flight reference. Also included is the acquisition of two types of Aircrew Training Devices (ATDs) to replace the existing T-51 simulators. The program includes the design, integration, test, and installation of the cockpit prototype in aircraft, ATDs, and other training devices, as well as engineering services, studies, analysis and support to determine the feasibility of incorporating changes for purposes of making informed life-cycle cost business decisions. Additionally, funds are included in FY2000 and FY2001 for Phase I testing of engine operability/suitability for the T-38 Propulsion Modernization Program (PMP) and to update T-38 flight performance models, Technical Orders, and AUP software for changes brought about by the T-38 PMP. FY2002 funding is for AUP block software updates driven by FAA-mandated changes; National Aerospace System (NAS) requirements such as Global Air Traffic Management (GATM), Joint Precision Approach and Landing System (JPALS), GPS, GPS Embedded Module (GEM) issues (Selective Availability Anti-Spoofing Module (SAASM), precision and GPS approaches); enhancements identified during Development Testing, Operational Testing and Force Development Evaluation (FDE), and AETC operations such as scratch pad, improvements to UFCP, HUD, Built In Test (BIT), mechanization of menus/modes and mission planning/debriefing system, ATD HUD projectors, and Computer Aided Module (CAM) operations.

(U) **FY 2000 (\$ in Thousands)**

(U) \$4,140	Complete ATD testing and ATD delivery; complete maintenance and ground support equipment; deliver final technical orders and drawings; complete Build 5 and 6 hardware and software upgrade and Phase II DT&E and IOT&E
(U) \$738	Conduct Phase I testing and analysis of the integrated ejector/inlet portion of T-38 PMP
(U) \$854	Conduct Government PMP flight test
(U) \$676	Complete Government AUP Phase II flight test
(U) \$858	Other Government Costs
(U) \$7,266	Total

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BUDGET ACTIVITY 05 - Engineering and Manufacturing Development					PE NUMBER AND TITLE 0604233F Specialized Undergraduate Pilot Training			PROJECT 4376																																																																																									
<p>(U) <u>A. Mission Description Continued</u></p> <p>(U) <u>FY 2001 (\$ in Thousands)</u></p> <p>(U) \$1,911 Update T-38 flight performance models, Technical Orders, and AUP aircraft and Aircrew Training Device (ATD) software for changes brought about by the T-38 PMP</p> <p>(U) \$250 Other Government Costs</p> <p>(U) \$2,161 Total</p> <p>Note: The following net transaction is not reflected in the FY01 program total: SBIR = -\$33K. This transaction is not reflected in other sections of the R-docs where an FY01 total is shown.</p> <p>(U) <u>FY 2002 (\$ in Thousands)</u></p> <p>(U) \$2,500 Develop and test Block 3 and define Block X T-38C AUP aircraft and ATD software for requirements driven by FAA/NAS mandates and identified during Test and Evaluation and by AETC operations</p> <p>(U) \$500 Other government cost and test</p> <p>(U) \$3,000 Total</p> <p>(U) <u>B. Project Change Summary</u></p> <p>Funds reprogrammed to FY2000 to correct deficiencies discovered during Developmental Test and Evaluation (DT&E). Additional funds were required in FY2000 to complete Phase II of IOT&E and obtain a Full Rate Production (FRP) decision. FY2002 funds added for AUP software block updates.</p> <p>(U) <u>C. Other Program Funding Summary (\$ in Thousands)</u></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th></th> <th><u>FY 2000</u></th> <th><u>FY 2001</u></th> <th><u>FY 2002</u></th> <th><u>FY 2003</u></th> <th><u>FY 2004</u></th> <th><u>FY 2005</u></th> <th><u>FY 2006</u></th> <th><u>FY 2007</u></th> <th><u>Cost to</u></th> <th><u>Total Cost</u></th> </tr> <tr> <th></th> <th><u>Actual</u></th> <th><u>Estimate</u></th> <th><u>Estimate</u></th> <th><u>Estimate</u></th> <th><u>Estimate</u></th> <th><u>Estimate</u></th> <th><u>Estimate</u></th> <th><u>Estimate</u></th> <th><u>Complete</u></th> <th></th> </tr> </thead> <tbody> <tr> <td>(U) AF RDT&E</td> <td>7,266</td> <td>2,161</td> <td>3,000</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>83,595</td> </tr> <tr> <td>(U) Other APPN</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) PE 0804741F, T-38 Avionics Upgrade, BP 1100</td> <td>32,209</td> <td>80,268</td> <td>75,839</td> <td>99,290</td> <td>99,505</td> <td>55,600</td> <td>53,370</td> <td>41,890</td> <td>43,291</td> <td>598,585</td> </tr> <tr> <td>(U) PE 0804741F, T-38 Avionics Upgrade, Initial Spares</td> <td>2,400</td> <td>0</td> <td>1,264</td> <td>2,200</td> <td>3,800</td> <td>1,000</td> <td>0</td> <td>0</td> <td>0</td> <td>11,796</td> </tr> <tr> <td>(U) PE 0804741F, Propulsion Modification, BP 1100</td> <td>0</td> <td>30,914</td> <td>59,109</td> <td>66,089</td> <td>68,797</td> <td>65,666</td> <td>69,291</td> <td>72,312</td> <td>318,613</td> <td>750,691</td> </tr> <tr> <td>(U) PE 0804741F, Propulsion</td> <td>0</td> <td>5,100</td> <td>4,499</td> <td>5,017</td> <td>4,939</td> <td>4,978</td> <td>5,504</td> <td>5,613</td> <td>22,608</td> <td>58,258</td> </tr> </tbody> </table>											<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) AF RDT&E	7,266	2,161	3,000	0	0	0	0	0	0	83,595	(U) Other APPN											(U) PE 0804741F, T-38 Avionics Upgrade, BP 1100	32,209	80,268	75,839	99,290	99,505	55,600	53,370	41,890	43,291	598,585	(U) PE 0804741F, T-38 Avionics Upgrade, Initial Spares	2,400	0	1,264	2,200	3,800	1,000	0	0	0	11,796	(U) PE 0804741F, Propulsion Modification, BP 1100	0	30,914	59,109	66,089	68,797	65,666	69,291	72,312	318,613	750,691	(U) PE 0804741F, Propulsion	0	5,100	4,499	5,017	4,939	4,978	5,504	5,613	22,608	58,258
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PROJECT

4376

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

	<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>	
Engine Modification, Initial										
Spares										

(U) **D. Acquisition Strategy**

The T-38 AUP competitively awarded three contracts to a single prime: a) a cost plus award fee EMD contract with six firm fixed price production options; b) a firm fixed price CLS contract for avionics including Contractor Owned and Maintained Base Supply (COMBS); and c) a fixed price award fee maintenance contract for the current and new Aircrew Training Devices (ATDs). The T-38 PMP will be comprised of four contractual efforts: a. J85-5 engine modification and ejector nozzle will be sole source additions to a current contract with General Electric, b. the inlet/former/bulkhead kits will be a competitive award; c. a task order will be established on the existing Contractor Field Team (CFT) contract for kit installation; and d. the T-38 software changes required by the PMP will be added to the existing Boeing contract for the AUP. FY2002 software block updates will be changes to existing contracts.

(U) **E. Schedule Profile**

	<u>FY 2000</u>			<u>FY 2001</u>			<u>FY 2002</u>					
	1	2	3	4	1	2	3	4	1	2	3	4
(U) First Production ATD Delivered			*									
(U) Phase I Testing of PMP Complete				*								
(U) First Production Aircraft Delivered						*						
(U) Final Functional Configuration Audit (FCA)						*						
(U) IOT&E Phase II Complete						*						
(U) Full Rate Production Decision						*						
(U) Initial Operational Capability (IOC)									X			
(U) Initiate Software Block 3 on AUP										X		
(U) Initiate Development Test/FDE 1st Qtr FY03												
(U) Field Block 3 2nd Qtr FY03												

* Denotes completed milestone
X Denotes planned milestone

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)								DATE June 2001		
BUDGET ACTIVITY					PE NUMBER AND TITLE				PROJECT	
05 - Engineering and Manufacturing Development					0604233F Specialized Undergraduate Pilot Training				4376	
(U) <u>A. Project Cost Breakdown (\$ in Thousands)</u>										
							<u>FY 2000</u>	<u>FY 2001</u>		<u>FY 2002</u>
(U)	Avionics System Upgrade						2,091	0		0
(U)	Aircrew Training Devices						1,629	0		0
(U)	System Engineering/Program Management						420	0		0
(U)	Other Government Costs and test						1,495	250		500
(U)	Propulsion Modernization Program						1,631	1,911		0
(U)	Block 3 Software Update						0	0		2,500
(U)	Total						7,266	2,161		3,000
(U) <u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u>										
(U) <u>Performing Organizations:</u>										
<u>Contractor or</u>	<u>Contract</u>									
<u>Government</u>	<u>Method/Type</u>	<u>Award or</u>	<u>Performing</u>	<u>Project</u>						
<u>Performing</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Activity</u>	<u>Office</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	<u>to FY 2000</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Complete</u>	<u>Program</u>
<u>Product Development Organizations</u>										
The Boeing Corporation	C/CPAF	31 Jul 96	65,585	65,585	59,514	4,140	1,911	2,500	0	68,065
St. Louis MO										
ASC/YT WPAFB OH	Various	Annual	N/A	N/A	9,129	472	50	60	0	9,711
GE, Lynn MA	CPFF	Jan 00	750	750	0	738	0	0	0	738
ASC/LP, WPAFB OH	Various	Annual	N/A	N/A	0	39	0	0	0	39
<u>Support and Management Organizations</u>										
SA-ALC/LF Kelly AFB TX	Various	Quarterly	N/A	N/A	141	53	0	0	0	194
AETC Randolph AFB TX	Various	Quarterly	N/A	N/A	102	48	50	125	0	325
OO-ALC/LIR Ogden AFB UT	Various	Quarterly	N/A	N/A	245	100	0	15	0	360
<u>Test and Evaluation Organizations</u>										
445 FLTS Edwards AFB CA	PO	Annual	N/A	N/A	1,852	1,530	0	300	0	3,682
AFOTEC Kirtland AFB NM	PO	Annual	N/A	N/A	185	146	150	0	0	481
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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)					DATE June 2001	
BUDGET ACTIVITY		PE NUMBER AND TITLE				PROJECT
05 - Engineering and Manufacturing Development		0604233F Specialized Undergraduate Pilot Training				4376
		<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
		<u>to FY 2000</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Complete</u>
<u>Subtotals</u>						<u>Total</u>
Subtotal Product Development		68,643	5,389	1,961	2,560	78,553
Subtotal Support and Management		488	201	50	140	879
Subtotal Test and Evaluation		2,037	1,676	150	300	4,163
Total Project		71,168	7,266	2,161	3,000	83,595

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