

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 2002		
BUDGET ACTIVITY 04 - Demonstration and Validation				PE NUMBER AND TITLE 0603800F Joint Strike Fighter				PROJECT 2025		
COST (\$ in Thousands)		FY 2001 Actual	FY 2002 Estimate	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	Cost to Complete	Total Cost
2025	Joint Strike Fighter (JSF)	341,167	0	0	0	0	0	0	0	1,907,352
	Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0
<p>(U) <u>A. Mission Description</u> The Joint Strike Fighter (JSF) Program will develop and field an affordable, highly common family of next generation strike fighter aircraft for the USN, USMC, USAF and allies. The current phase emphasizes facilitating the evolution of fully validated and affordable joint operational requirements, and demonstrating cost leveraging technologies and concepts to lower risk prior to entering Systems Development and Demonstration (SDD) in October 2001. This is a joint program with no executive service. Navy and Air Force each provide approximately equal shares of annual funding for the program. The United Kingdom (UK) is a collaborative partner in this phase of the program and several other countries also participate.</p> <p>PROGRAM FUNDING IN COST TABLE (\$341, 167 thousand in FY 2001) REFLECTS AIR FORCE FUNDING.</p> <p>PROGRAM TOTAL FUNDING BREAKOUT (FY 2001) REFLECTS NAVY, AIR FORCE, AND INTERNATIONAL FUNDING.</p>										
(U) <u>FY 2001 (\$ in Thousands)</u>										
(U)	\$311,113	Completed CDP efforts by Boeing, Lockheed Martin and Pratt & Whitney including ground and flight demonstrations, areas of technology maturation and concept refinement for a tri-service family of aircraft. Requested proposals from contractors for their designs and SDD programs.								
(U)	\$147,000	Completed transition risk reduction activities under bridge contracts with Boeing, Lockheed Martin and Pratt & Whitney, and funded Pratt & Whitney long-lead requirements to protect SDD schedule.								
(U)	\$111,064	Completed the General Electric (GE) JSF Engine Phase IIIa effort and commenced Phase IIIb effort. GE engine development program continues in JSF Program Elements 0604800F and 0604800N.								
(U)	\$57,080	Completed assessments/systems engineering support for the CDP in the areas of airframe, flight systems, manufacturing and producibility, mission systems, propulsion, autonomic logistics, system test, air vehicle analysis and integration, advanced cost estimating, survivability, integrated flight and propulsion control, and carrier suitability. Completed analyses required for Milestone B. Conducted source selection evaluation to support down-select for final design.								
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<p>(U) <u>A. Mission Description Continued</u></p> <p>(U) <u>FY 2001 (\$ in Thousands) Continued</u></p> <p>(U) \$27,069 Completed modeling and simulation activities to support Milestone B analyses. Completed modeling and simulation support testing, training, and refinement of concept of operations for the weapons system (simulation based acquisition).</p> <p>(U) \$31,505 Completed mission support, including program office functions.</p> <p>(U) \$684,831 Total</p> <p>(U) <u>FY 2002 (\$ in Thousands)</u></p> <p>(U) \$0 Not Applicable</p> <p>(U) \$0 Total</p> <p>(U) <u>FY 2003 (\$ in Thousands)</u></p> <p>(U) \$0 No Activity</p> <p>(U) \$0 Total</p> <p>(U) <u>B. Budget Activity Justification</u></p> <p>This program is funded under Demonstration and Validation (DEM/VAL), because it integrates hardware for test related to specific ship or aircraft applications.</p> <p>(U) <u>C. Program Change Summary (\$ in Thousands)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="text-align: center;"><u>FY 2001</u></th> <th style="text-align: center;"><u>FY 2002</u></th> <th style="text-align: center;"><u>FY 2003</u></th> <th style="text-align: center;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Previous President's Budget</td> <td style="text-align: right;">341,167</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">1,907,352</td> </tr> <tr> <td>(U) Appropriated Value</td> <td style="text-align: right;">341,167</td> <td style="text-align: center;">0</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></td> <td></td> <td></td> <td></td> </tr> <tr> <td> b. Small Business Innovative Research</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> c. Omnibus or Other Above Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> d. Below Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td> e. Rescissions</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Budget Years Since FY 2002 PBR</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Current Budget Submit/FY 2003 PBR</td> <td style="text-align: right;">341,167</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: right;">1,907,352</td> </tr> </tbody> </table>				<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Total Cost</u>	(U) Previous President's Budget	341,167	0	0	1,907,352	(U) Appropriated Value	341,167	0			(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					e. Rescissions					(U) Adjustments to Budget Years Since FY 2002 PBR					(U) Current Budget Submit/FY 2003 PBR	341,167	0	0	1,907,352
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BUDGET ACTIVITY 04 - Demonstration and Validation				PE NUMBER AND TITLE 0603800F Joint Strike Fighter				PROJECT 2025	
(U) <u>C. Program Change Summary (\$ in Thousands) Continued</u>									
(U) <u>Significant Program Changes:</u>									
Funding: Not applicable.									
Schedule: Not applicable.									
Technical: Not applicable.									
(U) <u>D. Other Program Funding Summary (\$ in Thousands)</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>Complete</u>	
(U) RDT&E 0603800N	341,164	0	0	0	0	0	0	0	1,950,617
(U) RDT&E 0603800E	0	0	0	0	0	0	0	0	118,006
(U) United Kingdom	800								201,221
(U) Multi-Lateral	1,700								32,100
(U) Canada	0								10,600
(U) Italy	0								10,000
(U) RDT&E 0604800N	0	762,957	1,727,500	1,931,753	2,489,103	1,987,246	1,689,760	Continuing	TBD
(U) RDT&E 0604800F	0	761,893	1,743,668	1,941,951	2,485,774	1,984,386	1,686,592	Continuing	TBD
(U) United Kingdom (SDD)	0	95,000	161,000	200,000	356,000	384,000	355,000	Continuing	TBD
(U) Related Procurement Funding:									
(U) Procurement 0207142F - JSF Squadrons	0	0			74,014	1,042,863	1,815,676	Continuing	TBD
(U) Procurement 0204146N - JSF Squadrons	0	0			50,079	762,878	1,325,330	Continuing	TBD
Note 1: Multi-Lateral countries include Netherlands, Norway and Denmark.									
(U) <u>E. Acquisition Strategy</u>									
Program activities in this phase centered around three distinct objectives that provided a sound foundation for the start of System Development and Demonstration (SDD) in Fall 2001:									
(1) facilitated the Services' development of fully validated, affordable operational requirements;									
(2) lowered risk by investing in and demonstrating key leveraging technologies that lower the cost of development, production and ownership; and									
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04 - Demonstration and Validation	0603800F Joint Strike Fighter	2025
<p>(U) <u>E. Acquisition Strategy Continued</u> (3) demonstrated operational concepts.</p> <p>Early warfighter and technologist interaction was an essential aspect of the requirements definition process, and key to achieving JSF affordability goals. To an unprecedented degree, the JSF program used cost-performance trades early, as an integral part of the weapon system development process. The Services defined requirements through an iterative process, balancing weapon system capability against life cycle cost at every stage. Each iteration of the requirements was provided to industry. They evolved their designs and provided cost data back to the warfighters. The warfighters evaluated trades and made decisions for the next iteration. This iterative process produced the iterations of 'Services' Joint Interim Requirements Document in 1995, 1997, 1998 and culminated in the approved Joint Operational Requirements Document (ORD) in FY2000.</p> <p>A sizable technology maturation effort was conducted to reduce risk and life cycle cost (LCC) through technology maturation and demonstration. The primary emphasis was on technologies identified as high payoff contributors to affordability, supportability, survivability and lethality. Numerous demonstrations were accomplished to validate performance and life cycle cost impact to component, subsystem and the total system.</p> <p>In November 1996, contracts were awarded to Boeing and Lockheed Martin for Concept Demonstration Programs. These competing contractors built and are flew concept demonstrator aircraft, conducted concept unique ground demonstrations, and refined their respective weapon system concepts. Specifically, Boeing and Lockheed Martin demonstrated commonality and modularity, Short Take Off/ Vertical Land (STOVL) hover and transition, and low speed handling qualities of their respective weapon system concepts. Pratt and Whitney provided propulsion hardware and engineering support. General Electric continued development of a second, interchangeable , engine for competition in production.</p> <p>Following evaluation of proposals and a favorable Milestone B decision, the JSF Program commenced SDD on 26 October 2001 with SDD contract awards to Lockheed Martin and Pratt & Whitney. The SDD plan reflects a block approach, based on an open system architecture, for accomplishing aircraft and weapons integration. General Electric continues propulsion development efforts.</p> <p>Procurement of the USAF and USMC JSF variants is planned to begin in FY 2006, with advance procurement for Lot 1 in FY 2005. Procurement of the USN JSF variant is planned to begin in FY 2008, with advance procurement for Lot 3 in FY 2007.</p>		
<p>(U) <u>F. Schedule Profile</u></p>		
	<u>FY 2001</u>	<u>FY 2002</u>
		<u>FY 2003</u>
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04 - Demonstration and Validation				0603800F Joint Strike Fighter				2025							
(U) <u>F. Schedule Profile Continued</u>															
				<u>FY 2001</u>			<u>FY 2002</u>			<u>FY 2003</u>					
				1	2	3	4	1	2	3	4	1	2	3	4
(U) Commenced Concept Development Phase - Dec 94															
(U) Released RFP for Concept Demonstration Efforts - Mar 96															
(U) Designated a joint, DoD, Acquisition Category ID Program - May 96															
(U) Competitively Awarded Concept Demonstration Contracts - Nov 96															
(U) Completed joint Operational Requirements Document (ORD) - Mar 00															
(U) Milestone B and SDD Contract Award - Oct 01							*								
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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2002			
BUDGET ACTIVITY				PE NUMBER AND TITLE			PROJECT			
04 - Demonstration and Validation				0603800F Joint Strike Fighter			2025			
(U) A. Project Cost Breakdown (\$ in Thousands)										
						<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>		
(U) PROJECT COST CATEGORIES:										
(U) WEAPON SYSTEMS CONCEPT DEMONSTRATIONS (including flying demonstrators and supporting propulsion efforts)						311,113	0			
(U) TRANSITION RISK REDUCTION ACTIVITIES						147,000	0			
(U) GE ENGINE PROGRAM						111,064	0			
(U) TECHNOLOGY MATURATION AREAS:										
(U) Airframe						1,465	0			
(U) Flight Systems						2,919	0			
(U) Manufacturing and Producibility						273	0			
(U) Propulsion						3,799	0			
(U) Mission Systems						6,793	0			
(U) Systems Engineering Support						32,445	0			
(U) Autonomic Logistics						8,466	0			
(U) Modeling, Simulation, Analysis, Threat, COPT and Core Support						26,669	0			
(U) Mission Support						8,554	0			
(U) SUPPORT (CS)						24,271	0			
(U) TEST AND EVALUATION: (included above)										
(U) MANAGEMENT: N/A										
(U) Total						684,831	0			
(U) B. Budget Acquisition History and Planning Information (\$ in Thousands)										
(U) Performing Organizations:										
<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 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>	<u>Program</u>

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04 - Demonstration and Validation				0603800F Joint Strike Fighter				2025	
(U) <u>Performing Organizations Continued:</u>									
<u>Product Development Organizations</u>									
Strike Warfare Concept									
Studies:									
Miscellaneous	Various		11,467	11,467	11,467	0	0	0	11,467
Technology Maturation									
Concept Exploration Phase:									
Filed Activities	Various		3,432	3,432	3,432	0	0	0	3,432
Strike Warfare Systems									
Design Development:									
Boeing, Seattle WA	C/CPFF		32,770	32,770	32,770	0	0	0	32,770
McAir, St Louis MO	C/CPFF		23,708	23,708	23,708	0	0	0	23,708
Northrop, Pico Rivera	C/CPFF		21,358	21,358	21,358	0	0	0	21,358
CA									
Lockheed Martin, Fort	C/CPFF		28,311	28,311	28,311	0	0	0	28,311
Worth TX									
Miscellaneous	Various		1,121	1,121	1,121	0	0	0	1,121
Field Activities	Various		8,322	8,322	8,322	0	0	0	8,322
ASTOVL:									
Lockheed Martin	SS/CPFF		16,416	16,416	16,416	0	0	0	16,416
Boeing	SS/CPFF		11,200	11,200	11,200	0	0	0	11,200
Miscellaneous	Various		15,539	15,539	15,539	0	0	0	15,539
Core Team Support									
Field Activities	Various		2,522	2,522	2,522	0	0	0	2,522
Weapon System Concept									
Demonstrations (Note 1):									
Boeing	C/CPFF	Oct	775,598	775,598	718,029	57,569	0	0	775,598
		98/99/00/01							
Lockheed Martin	C/CPFF	Oct	913,854	913,854	783,004	130,850	0	0	913,854

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(U) <u>Performing Organizations Continued:</u>									
<u>Product Development Organizations</u>									
			98/99/00/01						
Pratt & Whitney,	SS/CPFF	Nov	959,784	959,784	837,090	122,694	0	0	959,784
Hartford CT		98/99/00/01							
Transition Risk Reduction									
Activities:									
Boeing	SS/FFP	Apr 01	35,000	35,000	0	35,000			35,000
Lockheed Martin	SS/FFP	Apr 01	35,000	35,000	0	35,000			35,000
Pratt & Whitney	SS/CPFF	Apr 01	52,675	52,675	0	52,675			52,675
Pratt & Whitney	SS/CPAF	Nov 01	24,325	24,325	0	24,325			24,325
GE Engine Program:									
General Electric,	SS/CPFF		7,000	7,000	7,000	0	0	0	7,000
Cincinnati OH									
General Electric	SS/CPFF	Nov 98/Oct	249,327	249,327	138,263	111,064	0	0	249,327
		99/00/01							
TECHNOLOGY									
MATURATION AREAS:									
AIRFRAME:									
McAir	SS/CPFF		19,240	19,240	19,240	0	0	0	19,240
Miscellaneous	Various	Various	2,158	2,158	2,135	23	0	0	2,158
Field Activities	Various	Nov	8,219	8,219	6,777	1,442	0	0	8,219
		98/99/00/01							
FLIGHT SYSTEMS:									
Lockheed Martin	C/CPFF	Nov 98/99	52,201	52,201	52,201	0	0	0	52,201
McAir	C/CPFF	Nov 98/99	65,944	65,944	65,944	0	0	0	65,944
Miscellaneous	Various	Various	10,319	10,319	10,141	178	0	0	10,319
Field Activities	Various	Nov	23,723	23,723	20,982	2,741	0	0	23,723
		98/99/00/01							

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(U) <u>Performing Organizations Continued:</u>										
<u>Product Development Organizations</u>										
MANUFACTURING										
AND PRODUCIBILITY:										
	Hughes, Los Angeles	C/CPFF		5,065	5,065	5,065	0	0	0	5,065
CA										
	Lockheed Martin	C/CPFF	Nov 98/99	9,600	9,600	9,600	0	0	0	9,600
	General Res. Corp.,	C/CPFF		1,945	1,945	1,945	0	0	0	1,945
	Huntsville AL									
	Scaled Composites	C/CPFF		2,000	2,000	2,000	0	0	0	2,000
	Lockheed Martin	C/CPFF		700	700	700	0	0	0	700
	Miscellaneous	Various	Various	1,619	1,619	1,619	0	0	0	1,619
	Field Activities	Various	Nov	5,421	5,421	5,148	273	0	0	5,421
			98/99/00/01							
PROPULSION:										
	Pratt & Whitney	C/CPFF		5,448	5,448	5,448	0	0	0	5,448
	General Electric	SS/CPFF		5,681	5,681	5,681	0	0	0	5,681
	Pratt & Whitney	SS/CPFF		30,000	30,000	30,000	0	0	0	30,000
	General Electric	SS/CPFF		3,000	3,000	3,000	0	0	0	3,000
	Pratt & Whitney	SS/CPFF	Jan 99	26,777	26,777	26,777	0	0	0	26,777
	Pratt & Whitney	SS/CPFF		3,640	3,640	3,640	0	0	0	3,640
	Pratt & Whitney	SS/TBD	Dec 98	8,200	8,200	8,200	0	0	0	8,200
	NASA Contracts	Various	Jul 99	2,800	2,800	2,800	0	0	0	2,800
	Miscellaneous	Various	Various	14,845	14,845	14,795	50	0	0	14,845
	Field Activities	Various	Nov	51,642	51,642	47,893	3,749	0	0	51,642
			98/99/00/01							
MISSION SYSTEMS:										
	TI, Plano TX	C/CPFF		2,464	2,464	2,464	0	0	0	2,464
	Lockheed	SS/CPFF		6,856	6,856	6,856	0	0	0	6,856

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(U) <u>Performing Organizations Continued:</u>									
<u>Product Development Organizations</u>									
McAir	SS/CPFF		6,524	6,524	6,524	0	0	0	6,524
Raytheon	C/CPFF	Nov 98/99	45,173	45,173	45,173	0	0	0	45,173
Northrop Grumman	C/CPFF	Nov 98/99	41,903	41,903	41,903	0	0	0	41,903
Boeing	C/CPFF		1,575	1,575	1,575	0	0	0	1,575
Lockheed Martin	C/CPFF		1,517	1,517	1,517	0	0	0	1,517
Hughes	C/CPFF		3,681	3,681	3,681	0	0	0	3,681
Classified	Classified	Nov 98	3,000	3,000	3,000	0	0	0	3,000
Miscellaneous	Various	Various	25,077	25,077	24,856	221	0	0	25,077
Field Activities	Various	Nov 98/99/00/01	40,159	40,159	33,587	6,572	0	0	40,159
 SYSTEMS									
ENGINEERING SUPPORT:									
Miscellaneous	Various	Various	30,268	30,268	24,642	5,626	0	0	30,268
Field Activities	Various	Nov 98/99/00/01	141,014	141,014	114,195	26,819	0	0	141,014
 AUTONOMIC LOGISTICS (formerly Prognostics and Health Management / Supportability and Training:									
Pratt & Whitney	C/CPFF		10,100	10,100	10,100	0	0	0	10,100
General Electric	C/CPFF	Jan 99	1,500	1,500	1,500	0	0	0	1,500
Project 3 (Classified)	C/CPFF		8,576	8,576	8,576	0	0	0	8,576
Project 4 (Classified)	C/CPFF		5,549	5,549	5,549	0	0	0	5,549
Miscellaneous	Various	Various	11,155	11,155	9,584	1,571	0	0	11,155
Field Activity	Various	Nov 98/99/00/01	22,572	22,572	15,677	6,895	0	0	22,572
 MODELING,									

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(U) <u>Performing Organizations Continued:</u>										
<u>Product Development Organizations</u>										
SIMULATION, ANALYSIS, THREAT, COPT, AND CORE SUPPORT:										
Miscellaneous	Various	Various	59,500	59,500	47,737	11,763	0	0	59,500	
Field Activities	Various	Nov 98/99/00/01	47,780	47,780	32,874	14,906	0	0	47,780	
MISSION SUPPORT:										
Institute for Defense Analysis	Grant		2,500	2,500	2,500	0	0	0	2,500	
Miscellaneous	Various	Various	2,271	2,271	2,271				2,271	
Field Activities	Various	Various	39,152	39,152	30,598	8,554	0	0	39,152	
Note 1:										
- Includes government managed equipment.										
- Boeing, Lockheed Martin and Pratt & Whitney Total Costs and EACs reflect preliminary close-out costs associated with the Concept Demonstration contracts.										
- Lockheed Martin Total Cost and EAC excludes contractor investment.										
- Pratt and Whitney Total Value of Contract reflects award fees totaling \$35.1M for FY1998 and prior and also reflects basic CDP efforts of technology maturation efforts in Propulsion and Prognostics and Health Management.										
- FY 2001 scope and funding for long lead materials included in the P&W Risk Reduction contract was transferred to the P&W SDD contract after SDD award as planned.										
- GE Engine Total Cost includes \$65.6M for Phase IIIb of GE development effort.										
<u>Support and Management Organizations</u>										
ANSER, Arlington VA	SS/CPFF	Jan99/00/01	30,125	30,125	28,981	1,144	0	0	30,125	
ANTEON/SVERDRUP, Arlington VA	C/CPFF	Apr 01				3,668			3,668	
Stanley Assoc. Arlington VA	SS/CPFF	Apr 01				9,434			9,434	
AEGIS	C/CPFF	Apr 01				2,017			2,017	
Project 2025			Page 11 of 12 Pages				Exhibit R-3 (PE 0603800F)			

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2002			
BUDGET ACTIVITY				PE NUMBER AND TITLE				PROJECT		
04 - Demonstration and Validation				0603800F Joint Strike Fighter				2025		
(U) <u>Performing Organizations Continued:</u>										
Note 1:										
- Includes government managed equipment.										
- Boeing, Lockheed Martin and Pratt & Whitney Total Costs and EACs reflect preliminary close-out costs associated with the Concept Demonstration contracts.										
- Lockheed Martin Total Cost and EAC excludes contractor investment.										
- Pratt and Whitney Total Value of Contract reflects award fees totaling \$35.1M for FY1998 and prior and also reflects basic CDP efforts of technology maturation efforts in Propulsion and Prognostics and Health Management.										
- FY 2001 scope and funding for long lead materials included in the P&W Risk Reduction contract was transferred to the P&W SDD contract after SDD award as planned.										
- GE Engine Total Cost includes \$65.6M for Phase IIIb of GE development effort.										
<u>Support and Management Organizations</u>										
Arlington VA										
Miscellaneous	Various	Various	35,870	35,870	27,862	8,008	0	0	35,870	
<u>Test and Evaluation Organizations</u>										
Included Above										
				<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>	
<u>Subtotals</u>				<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>	<u>Program</u>	
Subtotal Product Development				3,488,222	660,560	0	0	0	4,148,782	
Subtotal Support and Management				56,843	24,271	0	0	0	81,114	
Subtotal Test and Evaluation										
Total Project				3,545,065	684,831	0	0	0	4,229,896	