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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 2002	
BUDGET ACTIVITY 07 - Operational System Development				PE NUMBER AND TITLE 0207141F F-117A SQUADRON				PROJECT 3956	
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
3956 F-117A Stealth Fighter	1,606	2,282	3,525	10,059	51,047	56,488	1,088	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0
<p>(U) <u>A. Mission Description</u></p> <p>The F-117 is the world's first operational low-observable (LO) combat aircraft. Its combination of stealth and precision weapons delivery capability allows the United States Air Force to hold even the most highly defended targets at risk. The program completed production in Jul 1990 with the delivery of the final F-117 (number 59). The single operational F-117 unit is the 49th Fighter Wing stationed at Holloman AFB, NM. The program is now primarily engaged in modernization and sustainment activities for the F-117, which is projected to remain in service through at least 2018.</p> <p>This project provides research and development funding for multiple modifications to the F-117 weapon system to enhance combat capability while improving safety, reliability and supportability. The MIL-STD-1760 Stores Management Processor (SMP) modification, which completed development in May 01, is an essential prerequisite for integration of advanced weapons on the F-117. Development efforts continue for Smart Weapons Integration. The current program implements full EGBU-27 capability, full JDAM capability, and software integration for subsequent WCMD flight testing. EMD started in FY01. The Combat Capability Sustainment Program (CCSP), formerly referred to as Block Cycle 3 (BC3), replaces obsolete avionics systems, establishes new vendors and improves reliability and maintainability to keep the F-117 operational through its service life. CCSP began Program Definition/Risk Reduction (PDRR) in FY00 with Congressional Add funding. CCSP EMD begins in FY05.</p> <p>(U) <u>FY 2001 (\$ in Thousands)</u></p> <p>(U) \$1,606 Continue EMD for Smart Weapons Integration</p> <p>(U) \$1,606 Total</p> <p>(U) <u>FY 2002 (\$ in Thousands)</u></p> <p>(U) \$2,282 Continue EMD for Smart Weapons Integration</p> <p>(U) \$2,282 Total</p>									
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BUDGET ACTIVITY				PE NUMBER AND TITLE			PROJECT		
07 - Operational System Development				0207141F F-117A SQUADRON			3956		
(U) <u>A. Mission Description Continued</u>									
(U) <u>FY 2003 (\$ in Thousands)</u>									
(U) \$3,525 Continue EMD for Smart Weapons Integration									
(U) \$3,525 Total									
(U) <u>B. Budget Activity Justification</u>									
This program is in budget activity 7, Operational System Development, because all aircraft have been delivered and the program is in its deployment phase.									
(U) <u>C. Program Change Summary (\$ in Thousands)</u>									
			<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Total Cost</u>			
(U)	Previous President's Budget		3,876	2,305	3,554	TBD			
(U)	Appropriated Value		3,912	2,305					
(U)	Adjustments to Appropriated Value								
	a. Congressional/General Reductions		-36	-23					
	b. Small Business Innovative Research		-135						
	c. Omnibus or Other Above Threshold Reprogram		-53						
	d. Below Threshold Reprogram		-2,082						
	e. Rescissions								
(U)	Adjustments to Budget Years Since FY 2002 PBR				-29				
(U)	Current Budget Submit/FY 2003 PBR		1,606	2,282	3,525	TBD			
(U) <u>Significant Program Changes:</u>									
FY03: Reduction in program support (-29).									
(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>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>Cost to Complete</u>	
(U)	Other APPN								
(U)	Aircraft Procurement (BA-5), Appn 3010/BP1100, AF F117A Squadrons, PE 27141F	30,020	27,069	21,079	8,173	22,669	53,378	131,485	Continuing TBD
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(U) D. Other Program Funding Summary (\$ in Thousands)									
	<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) Other Procurement, Appn 3080/BP8300, AF F117A Squadrons, PE 27141F	2,242								2,242
(U) E. Acquisition Strategy									
Lockheed Martin Aeronautics Company at Palmdale (LMAC-P) is the F-117 prime contractor and has total system performance responsibility (TSPR) for the F-117 weapon system. Modification programs are sole source to LMAC-P as part of the larger TSPR effort. RDT&E funds are executed to develop improved capability, reliability, maintenance and safety modifications. Operational Flight Program (OFP) software is continuously updated as needed to complement modification development efforts. The contracting approach varies by individual effort and involves Cost Plus Fixed Fee (CPFF) and Cost Plus Award Fee (CPAF) contract types.									
(U) F. Schedule Profile									
		<u>FY 2001</u>			<u>FY 2002</u>			<u>FY 2003</u>	
		1	2	3	4	1	2	3	4
(U) Stores Mangement Processor (SMP) (EMD, Jul 96-May 01)				*					
(U) Smart Weapons Integ-Full JDAM (PDRR Sep 98-Nov 01)					*				
(U) Smart Weapons Integ- Full EGBU-27/JDAM (EMD, May 01-FY06)				*					
(U) Smart Weapons Integ Preliminary Design Review (PDR) (July 02)							X		
(U) Smart Weapons Integ Critical Design Review (CDR) (May 03)									X
(U) CCSP Pre-EMD (PDRR Phase 1 Jun 00-Dec 03)									
* = Completed Effort									
X = Planned Effort									

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2002				
BUDGET ACTIVITY			PE NUMBER AND TITLE				PROJECT				
07 - Operational System Development			0207141F F-117A SQUADRON				3956				
(U) A. Project Cost Breakdown (\$ in Thousands)											
						<u>FY 2001</u>		<u>FY 2002</u>		<u>FY 2003</u>	
(U)	Stores Management Processor (SMP) EMD										
(U)	Smart Weapons Integration PDRR										
(U)	Smart Weapons Integration EMD					1,606		2,282		3,525	
(U)	CCSP PDRR										
(U)	Total					1,606		2,282		3,525	
(U) B. Budget Acquisition History and Planning Information (\$ in Thousands)											
(U) Performing Organizations:											
	<u>Contractor or Government Performing Activity</u>	<u>Contract Method/Type or Funding Vehicle</u>	<u>Award or Obligation Date</u>	<u>Performing Activity EAC</u>	<u>Project Office EAC</u>	<u>Total Prior to FY 2001</u>	<u>Budget FY 2001</u>	<u>Budget FY 2002</u>	<u>Budget FY 2003</u>	<u>Budget to Complete</u>	<u>Total Program</u>
	<u>Product Development Organizations</u>										
	SMP EMD, Lockheed Martin, CPAF Palmdale CA		Jul 98	17,766	17,766	17,766	0	0	0	0	17,766
	Smart Wpn Integration PDRR, Lockheed Martin, Palmdale CA		Sep 98	2,762	2,762	2,762	0	0	0	0	2,762
	Smart Wpn Integration EMD, Lockheed Martin, Palmdale CA		May 01	27,463	27,463	0	1,606	2,282	3,525	Continuing	TBD
	CCSP PDRR, Lockheed Martin, Palmdale CA		Apr 00	7,284	7,284	7,284	0	0	0	0	7,284
	<u>Support and Management Organizations</u>										
	<u>Test and Evaluation Organizations</u>										
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		<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
		<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>
						<u>Total</u>
						<u>Program</u>
<u>Subtotals</u>						
Subtotal Product Development		27,812	1,606	2,282	3,525	TBD
Subtotal Support and Management						
Subtotal Test and Evaluation						
Total Project		27,812	1,606	2,282	3,525	TBD