

**UNCLASSIFIED**

PE NUMBER: 0207141F  
 PE TITLE: F-117A SQUADRON

<b>Exhibit R-2, RDT&amp;E Budget Item Justification</b>	DATE <b>February 2008</b>
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<b>BUDGET ACTIVITY</b> <b>07 Operational System Development</b>	<b>PE NUMBER AND TITLE</b> <b>0207141F F-117A SQUADRON</b>
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Cost (\$ in Millions)	FY 2007 Actual	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	11.718	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD
3956 F-117A Stealth Fighter	11.718	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD

**(U) A. Mission Description and Budget Item Justification**

The F-117A is the world's first operational low-observable (LO) combat aircraft. Its combination of stealth and precision weapons delivery capability allows the USAF to hold even the most highly defended targets at risk. The program completed production in July 1990 with the delivery of the final F-117A. The single operational F-117A unit is the 49th Fighter Wing stationed at Holloman AFB, NM.

The Air Force retired 10 F-117A aircraft in FY07 at Tonopah Test Range (TTR), in Nevada. An additional 12 aircraft retired to TTR during the first quarter of FY08. The remaining 20 aircraft will be retired at TTR by the end of April 2008. All aircraft are being placed in AMARG defined Type 1000-like storage in response to Congressional direction to maintain the aircraft in a 'recallable to service' status.

- The F-117A Mission Planning System (MPS) required an operational system upgrade. The National Geospatial-Intelligence Agency (NGA) formerly National Imaging and Mapping Agency (NIMA) is migrating to DVD format for all mapping database operations and the F-117A MPS operating system cannot be modified to function with this capability. Additionally, the current MPS Solaris operating system and Sybase database product are no longer supported by the Air Force Mission Support System (AFMSS) program office. Required hardware had been previously developed and procured. In FY07 the program completed software development, testing, and fielding. This enables F117A mission planning until all of the fleet is retired in mid-FY08. This is a critical upgrade requirement because security accreditation expires in October 2007. Without the MPS the F-117A cannot fly.

**(U) B. Program Change Summary (\$ in Millions)**

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) Previous President's Budget	14.040		
(U) Current PBR/President's Budget	11.718		
(U) Total Adjustments	-2.322		
(U) Congressional Program Reductions			
Congressional Rescissions	0.000		
Congressional Increases			
Reprogrammings	-1.943		
SBIR/STTR Transfer	-0.379		
(U) <u>Significant Program Changes:</u>			
FY07 - change for higher Air Force priorities			

**Exhibit R-2a, RDT&E Project Justification**

DATE  
**February 2008**

BUDGET ACTIVITY <b>07 Operational System Development</b>				PE NUMBER AND TITLE <b>0207141F F-117A SQUADRON</b>			PROJECT NUMBER AND TITLE <b>3956 F-117A Stealth Fighter</b>		
Cost (\$ in Millions)	FY 2007 Actual	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	FY 2012 Estimate	FY 2013 Estimate	Cost to Complete	Total
3956 F-117A Stealth Fighter	11.718	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

**(U) A. Mission Description and Budget Item Justification**

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**(U) B. Accomplishments/Planned Program (\$ in Millions)**

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>
(U) SDD for Smart Weapons Integration			
(U) SDD for Weapon System Trainer (WST) Image Generation System			
(U) Mission Planning System (MPS) Upgrade	2.460		
(U) Dual Radio SDD			
(U) SATCOM Antenna SDD			
(U) Retirement activity	9.258		
(U) Total Cost	11.718	0.000	0.000

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

	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</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) Aircraft Procurement (BA-5), Appn 3010/BP1100, AF F117A Squadrons, PE 0207141F	0.008							0.000	0.008

Exhibit R-2a, RDT&E Project Justification

DATE

February 2008

BUDGET ACTIVITY

07 Operational System Development

PE NUMBER AND TITLE

0207141F F-117A SQUADRON

PROJECT NUMBER AND TITLE

3956 F-117A Stealth Fighter

(U) D. Acquisition Strategy

RDT&E funds are executed to develop improved capability, reliability, maintenance and safety modifications. The contracting approach varies by individual effort and involves Cost Plus Fixed Fee (CPFF) and Cost Plus Award Fee (CPAF) contract types.

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**Exhibit R-3, RDT&E Project Cost Analysis**

DATE

**February 2008**

BUDGET ACTIVITY				PE NUMBER AND TITLE					PROJECT NUMBER AND TITLE			
<b>07 Operational System Development</b>				<b>0207141F F-117A SQUADRON</b>					<b>3956 F-117A Stealth Fighter</b>			
(U) <u>Cost Categories</u> (Tailor to WBS, or System/Item Requirements) (\$ in Millions)	<u>Contract Method &amp; Type</u>	<u>Performing Activity &amp; Location</u>	<u>Total Prior to FY 2007 Cost</u>	<u>FY 2007 Cost</u>	<u>FY 2007 Award Date</u>	<u>FY 2008 Cost</u>	<u>FY 2008 Award Date</u>	<u>FY 2009 Cost</u>	<u>FY 2009 Award Date</u>	<u>Cost to Complete</u>	<u>Total Cost</u>	<u>Target Value of Contract</u>
(U) <u>Product Development</u>												
Smart Weapon Integration SDD	CPAF	Lockheed Martin, Palmdale CA									0.000	
Weapon System Trainer Image Generation Sys Upgrd SDD	CPFF	Lockheed Martin, Palmdale CA									0.000	
Mission Planning System, Operating System Upgrade SDD	CPFF	Lockheed Martin, Palmdale CA		2.460							2.460	
Dual Radio SDD	CPFF	Lockheed Martin, Palmdale CA									0.000	
SATCOM Antenna SDD	CPFF	Lockheed Martin, Palmdale CA									0.000	
Retirement activity				9.258							9.258	
Subtotal Product Development			0.000	11.718		0.000		0.000		0.000	11.718	0.000
Remarks:												
(U) <u>Support</u>											0.000	
Subtotal Support			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) <u>Test &amp; Evaluation</u>											0.000	
Subtotal Test & Evaluation			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) <u>Management</u>											0.000	
Subtotal Management			0.000	0.000		0.000		0.000		0.000	0.000	0.000
Remarks:												
(U) Total Cost			0.000	11.718		0.000		0.000		0.000	11.718	0.000

Exhibit R-4, RDT&E Schedule Profile

DATE

February 2008

BUDGET ACTIVITY  
07 Operational System Development

PE NUMBER AND TITLE  
0207141F F-117A SQUADRON

PROJECT NUMBER AND TITLE  
3956 F-117A Stealth Fighter

F-117 Program Appn 3600, P.E. 27141F

Description	FY06	FY07	FY08	FY09	FY10	FY11	FY12	FY13
Smart Weapons Integration	Cmplt							
WST Image Generation SDD	Cnt	Cmplt						
MPS OS (AFMSS) SDD	Cnt	Cmplt FQT						

Exhibit R-4a, RDT&E Schedule Detail

DATE

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BUDGET ACTIVITY

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0207141F F-117A SQUADRON

PROJECT NUMBER AND TITLE

3956 F-117A Stealth Fighter

(U) Schedule Profile

FY 2007

FY 2008

FY 2009

(U) Smart Weapons Integration Completion

(U) WST Image Generation IOC

2Q

(U) MPS OS Upgrade Functional Qualification Testing (FQT)

3Q