RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)		DATE **June 2001**
BUDGET ACTIVITY **07 - Operational System Development**	PE NUMBER AND TITLE **0207138F F-22 SQUADRONS**	PROJECT **4785**

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
4785 F-22	0	0	16,092	51,339	137,096	100,828	122,371	158,091	0	585,817
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

The FY03 - FY07 budget numbers do not reflect DoD's strategic review results.

(U)   A. Mission Description

The F-22 is designed to penetrate enemy airspace and achieve a first look, first kill capability against multiple targets. The F-22 is characterized by a low observable, highly maneuverable airframe, advanced integrated avionics, and aerodynamic performance that allows supersonic cruise without the use of afterburner. The F-22 is currently in the Engineering and Manufacturing Development (EMD) phase of acquisition.

NOTE: This exhibit is for post EMD requirements/developments - which are considered outside of the RDT&E cost cap.

(U)   FY 2000 ($ in Thousands)
(U) $0   No Activity
(U) $0   Total

(U)   FY 2001 ($ in Thousands)
(U) $0   No Activity
(U) $0   Total

(U)   FY 2002 ($ in Thousands)
(U) $16,092   Initiate Candidate 38+
(U) $16,092   Total

(U)   B. Budget Activity Justification

This program is in Budget Activity 7, Engineering and Manufacturing Development, because the F-22 Program is developing the next-generation air superiority fighter for the USAF to counter emerging worldwide threats.

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)	DATE June 2001

BUDGET ACTIVITY 07 - Operational System Development	PE NUMBER AND TITLE 0207138F F-22 SQUADRONS	PROJECT 4785

(U)   C. Program Change Summary ($ in Thousands)

		FY 2000	FY 2001	FY 2002	Total Cost
(U)	Previous President's Budget (FY 2001 PBR)				0
(U)	Appropriated Value				0
(U)	Adjustments to Appropriated Value				
	a. Congressional/General Reductions				0
	b. Small Business Innovative Research				0
	c. Omnibus or Other Above Threshold Reprogram				0
	d. Below Threshold Reprogram				0
	e. Rescissions				0
(U)	Adjustments to Budget Years Since FY 2001 PBR			16,092	
(U)	Current Budget Submit/FY 2002 PBR			16,092	585,817

(U)   Significant Program Changes:

The FY02 Candidate 38+ project is initiated as a CSAF directed project, thru FY04. Auto Ground Collision Avoidance System (AGCAS), an OSD directed project, is scheduled to begin FY03 through FY05. Funding in FY04 and out also includes manpower authorizations, peculiar and common support equipment, necessary facilities and the associated cost specifically identified and measurable to the following: Post EMD development of the F-22 fighter.

(U)   D. Other Program Funding Summary ($ 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
(U) AF RDT&E	1,517,936	998,503	716,594	320,525						22,945,320
(U) {PE 64239F}										
(U) PRTV II (6)	721,129	400,332	148,870							1,270,331
(U) Military Construction (PE 0604239F)	18,600									39,700
(U) Military Construction (PE 0207219F)*		25,300	54,050	18,000	16,800	13,200	23,800	23,000	51,600	225,750
(U) Aircraft Procurement (PE 0207219F) Advanced Tactical Fighter, P-1 Line	571,514	2,530,370	3,037,312	4,238,783	4,058,014	3,651,719	3,502,100	3,396,417	11,917,292	37,492,734

Project 4785	Page 2 of 5 Pages	Exhibit R-2 (PE 0207138F)

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)	DATE June 2001

BUDGET ACTIVITY 07 - Operational System Development	PE NUMBER AND TITLE 0207138F F-22 SQUADRONS	PROJECT 4785

(U) **D. Other Program Funding Summary ($ 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
Item #003**										
(U) Munitions Procurement (PE 0207219F)	1,425	2,702	4,322	6,435	9,556	9,526	11,051	10,930	36,642	93,038

* NOTE: FY04 and outyears not listed in ABIDES. Estimate reflected in DAES/SAR.

**NOTE: Includes BP10, 11, 16, 19 and Advance Buy.

(U) **E. Acquisition Strategy**

The FY02 acquisition strategy is currently being determined.

(U) **F. Schedule Profile**

		FY 2000				FY 2001				FY 2002		
	1	2	3	4	1	2	3	4	1	2	3	4
(U) Contract Award of Candidate 38+										X		

X - Planned

RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)	DATE June 2001

BUDGET ACTIVITY 07 - Operational System Development	PE NUMBER AND TITLE 0207138F F-22 SQUADRONS	PROJECT 4785

(U)   **A. Project Cost Breakdown ($ in Thousands)**

	FY 2000	FY 2001	FY 2002
(U) Candidate 38+			16,092
(U) Total			16,092

(U)   **B. Budget Acquisition History and Planning Information ($ in Thousands)**

(U)   **Performing Organizations:**

Contractor or Government Performing Activity	Contract Method/Type or Funding Vehicle	Award or Obligation Date	Performing Activity EAC	Project Office EAC	Total Prior to FY 2000	Budget FY 2000	Budget FY 2001	Budget FY 2002	Budget to Complete	Total Program
Product Development Organizations										
Candidate 38+	TBD	2QFY02						16,092	53,687	69,779
AGCAS									69,552	69,552
Post-EMD Efforts									446,486	446,486
Support and Management Organizations										
Test and Evaluation Organizations										

(U)   **Government Furnished Property:**

Item Description	Contract Method/Type or Funding Vehicle	Award or Obligation Date	Delivery Date		Total Prior to FY 2000	Budget FY 2000	Budget FY 2001	Budget FY 2002	Budget to Complete	Total Program
Product Development Property										
Not Applicable										
Support and Management Property										
Not Applicable										
Test and Evaluation Property										
Not Applicable										

RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)		DATE June 2001
BUDGET ACTIVITY 07 - Operational System Development	PE NUMBER AND TITLE 0207138F F-22 SQUADRONS	PROJECT 4785

Subtotals	Total Prior to FY 2000	Budget FY 2000	Budget FY 2001	Budget FY 2002	Budget to Complete	Total Program
Subtotal Product Development				16,092	569,725	585,817
Subtotal Support and Management						
Subtotal Test and Evaluation						
Total Project				16,092	569,725	585,817