	RDT&E BUDGET ITEM	DATE	DATE June 2001								
	T ACTIVITY Engineering and Manufacturing De	PE NUMBER AND TITLE 0604727F Joint Standoff Weapons Systems						s	PROJECT 1000		
	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
1000	Joint Standoff Weapons Systems	9,621	1,485	0	0	0	0	0	0	0	194,413
	Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

(U) A. Mission Description

The Joint Standoff Weapon (JSOW) is a joint USAF/USN program with the USN as the lead service. JSOW is a Global Position System aided Inertial Navigation System (GPS/INS) precision glide weapon with a stealthy, kinematically efficient airframe. JSOW provides all-weather launch/leave standoff capability to attack a variety of targets from outside enemy defenses. JSOW uses a common vehicle (truck) to deliver three different payloads. JSOW/A uses 145 BLU-97 Combined Effects Munitions for soft and area targets, JSOW/B uses 6 BLU-108 submunitions for attacking massed /mobile land-combat vehicles, and JSOW/C has a unitary BROACH warhead for harder/point targets (AF is not buying JSOW/C). The AF accepted its first JSOW in Nov 99. The F-16 (Block 50) is the threshold AF aircraft. JSOW will also be integrated on the B-1B, B-2, B-52, F-16C/D Blocks 40 and 30, F-15E, and JSF. The B-2 and F-16 are now JSOW capable. The B-52 and F-15E will be JSOW capable in FY02. JSOW/A is in Full Rate Production (FRP) and JSOW/B is in Low Rate Initial Production (LRIP). Both are purchased concurrently on the same JSOW contract. AF has over 100 JSOW in inventory. The current program is based on an USN buy of 13,000 (8,800 As, 1,200 Bs, 3,000 Cs) and an AF buy of 6,114 (3,000 As / 3,114 Bs). FY01 is the last year for JSOW AF RDT&E funds.

This program also includes the development of the JSOW Common Munitions Built-in Test Reprogramming Equipment (CMBRE) and software. The JSOW mission planning module and Precision Guided Munition Planning System (PGMPS) continues to be developed with the Air Force Mission Planning Support System (AFMSS) Aircraft/Weapons/Electronics (AWE) development. Through FY01, efforts include aircraft integration and JSOW/B BLU-108P3I testing.

JSOW AGM-154A&B are ACAT IC programs; AGM-154C (Navy only) is ACAT 1D.

- (U) <u>FY 2000 (\$ in Thousands)</u>
- (U) \$4,581 Completed design-to-cost initiatives; continue JSOW software improvements/upgrades; continue development/testing of AFMSS module for
- B-1B, F-15E, and F-16; AF-unique SAASM integration/mission planning.
- (U) \$1,500 Completed F-16 OFP Smart Rack development.
- (U) \$2,396 Completed engineering support, program office support, and other government support. Complete B-52 integration.
- (U) \$1,144 Continued AGM-154B tests, including P3I Improved BLU-108 (IBLU) test, F-16 DT/OT, and production verification flight tests.

Project 1000 Page 1 of 6 Pages Exhibit R-2 (PE 0604727F)

	RDT&E BUDGET ITEM JUSTIFICAT	TION SHEET (R-2 Exhibi	it)	date Jun	e 2001
	BET ACTIVITY Engineering and Manufacturing Development	PE NUMBER AND TITLE 0604727F Joint Stan	doff Weapons	s Systems	PROJECT 1000
(U)	A. Mission Description Continued				
(U) (U)	FY 2000 (\$ in Thousands) Continued \$9,621 Total NOTE: The following net transaction is not reflected in the FY00 pro where an FY00 total is shown.	ogram total: Recissions = -274K. This	transaction is not re	eflected in other section	ons of the R-docs
(U) (U) (U) (U)	FY 2001 (\$ in Thousands) \$1,000 Complete JSOW software improvements/upgra \$485 Complete AGM-154B tests, including P3I Imp \$1,485 Total NOTE: The following net transaction is not reflected in the FY01 pro R-docs where an FY01 total is shown.	proved BLU-108 (IBLU) test, F-16 DT/	OT and flight tests	S	
(U) (U) (U)	FY 2002 (\$ in Thousands) \$0 No Activity \$0 Total				
(U)	B. Budget Activity Justification The RDT&E program element is in Budget Activity 5, EMD, because testing, and other developmental efforts.	e it supports the development of Air Fo	rce JSOW and BRU	U-57 and associated so	oftware, flight
(U)	C. Program Change Summary (\$ in Thousands)				
l		FY 2000	<u>FY 2001</u>	FY 2002	<u>Total Cost</u>
(U)	Previous President's Budget (FY 2001 PBR)	10,150	1,498		194,416
(U)	Appropriated Value	10,307	1,498		
(U)	Adjustments to Appropriated Value a. Congressional/General Reductions b. Small Business Innovative Research	-513	-10		
	c. Omnibus or Other Above Threshold Reprogram d. Below Threshold Reprogram	-69			
	e. Rescissions	-104	-3		
(U)	Adjustments to Budget Years Since FY 2001 PBR	101	5		-3
Р	roject 1000	Page 2 of 6 Pages		Exhibit R-2	(PE 0604727F)

	RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)											
	GET ACTIVITY Engineering and Man	ufacturinç	g Develop	ment		NUMBER AND 04727F	ס דוד ב Joint Star	stems		OJECT)00		
(U)	C. Program Change Summa	ry (\$ in Tho	usands) Con	tinued		F	FY 2000	FY 2001	F	Y 2002		Total Cost
(U)	Current Budget Submit/FY 20	002 PBR				-	9,621	1,485	· -	- 2 00 -		194,413
(U)	Significant Program Changes: No significant changes.											
(U)	D. Other Program Funding S	Summary (\$ i	in Thousand	<u>s)</u>								
		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 Complet	_	Total Cost
(U)	Missile Procurement, AF P-1 Line Item 5, JSOW											
(U) (U)	JSOW SEEK EAGLE	36,794 1,150	82,654 0	53,609 1,032	77,347 0	132,027 1,010	180,636 0	196,669 1,013	186,328 0	1,012,822		1,958,886 4,205
(U)	E. Acquisition Strategy JSOW awarded a joint service of (LRIP) I. For AGM-154A LRI source AGM-154A Full Rate P awarded on Dec 99. No FRP of MOT&E and Milestone III.	IP II, a Fixed Production (FI	Price Incenti RP) and AGN	ve Fee (FPIF 1-154B LRII	F) contract wa P contract (F)	as awarded. FP) was awai	Both LRIP corded on Dec 9	ontracts were 98. A sole so	conducted i urce AGM-	n a sole source 154A FRP cont	environmer ract (FFP) v	nt. A sole was
(U)	F. Schedule Profile											
						FY 2000 2 3	4 1	<u>FY 20</u>	<u>001</u> 3 4	1	FY 2002 2 3	4
(U) (U)	Acquisition Milestones BRU-57 Production Contract A	Award (Lot 3))		1 2	2 3	4 1	2	3 4 *	· I	2 3	4
(U) (U)	AGM 154A/B Production Con T&E Milestones				:	k					X	
(U) (U) (U)	AGM-154B DT/OT AGM-154B MOT&E (1QFY0) AGM-154B Milestone III/FRP	*			*							
Р	roject 1000				Page 3 of	f 6 Pages				Exhibit R	2 (PE 060	4727F)

RDT&E BUDGET ITEM JUSTIFICAT	DATE June 2001	
BUDGET ACTIVITY 05 - Engineering and Manufacturing Development	PE NUMBER AND TITLE 0604727F Joint Standoff Weapon	ons Systems PROJECT 1000
(U) F. Schedule Profile Continued (U)	FY 2000 FY 2001 1 2 3 4 1 2 3	FY 2002
Project 1000	Page 4 of 6 Pages	Exhibit R-2 (PE 0604727F)

	RDT&E PRO	GRAM ELE	MENT/P	ROJECT C	OST BI	REAKDO	WN (R-3)		DATE	June 200	1
	ET ACTIVITY Engineering and Ma	nufacturing	Developr	nent		ER AND TITLE 27F Joint S	Standoff V	Systems	ystems		
(U)	A. Project Cost Breakdown	n (\$ in Thousan	ds)								
(T.D.	14. G							<u>2000</u>	FY 200		FY 2002
(U)	Major Contracts							,581	1,00		0
(U)	Support Contracts	than Carramanan	t Cummont					700 562		0	0
(U) (U)	Program Office Support/O Test and Evaluation	ther Governmen	t Support					,563 ,644	48	o 0	0
(U)	BRU-57							133		0	0
(U) (U)	Total							,621	1,48	-	0
							9,	,021	1,40	3	U
(U)	B. Budget Acquisition History	ory and Plannin	g Informatio	on (\$ in Thousand	<u>ls</u>)						
(U)	Performing Organizations:										
	Contractor or	Contract									
	Government	Method/Type	Award or	<u>Performing</u>	<u>Project</u>						
	Performing	or Funding	Obligation	<u>Activity</u>	<u>Office</u>	Total Prior	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	Budget to	<u>Total</u>
	Activity	Vehicle	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	to FY 2000	FY 2000	FY 2001	FY 2002	<u>Complete</u>	<u>Program</u>
	Product Development Organ						. =				
	Raytheon Sys. Co.	SS/CPIF	Jun 95	134,330	134,330	128,729	4,581	1,000		0	134,310
	Lockheed	FP/CPIF	Feb 95	16,750	16,750	15,250	1,500	0		0	16,750
	EDO/M Tech	FP/CPIF	Oct 95	7,447	7,447	7,447	0	0		0	7,447
	Support and Management Or			N T / A	NT/A	5.225	700	0		0	5.025
	China Lake NWC	MIPR		N/A	N/A	5,225	700	0		0	5,925
	AAC/YH & Other	-4:		N/A	N/A	15,294	1,563	485		0	17,342
	Test and Evaluation Organiz	ations REO		N/A	N/A	6,570	1,144	0		0	7 714
	AAC, Eglin AFB BRU-57 Misc.	REO/Other		N/A N/A	N/A N/A	429	1,144	0		0	7,714 562
				IN/A	IN/A	427	133	U		U	302
(U)	Government Furnished Pro	-									
		Contract	۸1 .								
	T4	Method/Type	Award or	Dalianas		Takal Dele	D. 4	D. 1	D. 1	D. d	TD: 4:1
	<u>Item</u>	or Funding	Obligation Data	<u>Delivery</u>		Total Prior	Budget	Budget	Budget EV 2002	Budget to	<u>Total</u>
	Description	<u>Vehicle</u>	<u>Date</u>	<u>Date</u>		to FY 2000	FY 2000	FY 2001	FY 2002	Complete	<u>Program</u>
Pi	roject 1000			Pag	ge 5 of 6 Pag	ges			Exhib	it R-3 (PE 0	604727F)

RDT&E PRO	DATE June 2001											
BUDGET ACTIVITY 05 - Engineering and Ma	BUDGET ACTIVITY 05 - Engineering and Manufacturing Development						PE NUMBER AND TITLE 0604727F Joint Standoff Weapons Sy					
(U) Government Furnished Pro- Item Description Product Development Proper Textron	Contract Method/Type or Funding Vehicle	Award or Obligation Date Mar 96	Delivery Date Various		Total Prior to FY 2000	Budget FY 2000	<u>Budget</u> FY 2001	Budget FY 2002	Budget to Complete	<u>Total</u> <u>Program</u> 4,363		
Support and Management Pr Test and Evaluation Property Subtotals Subtotal Product Developme Subtotal Support and Manag Subtotal Test and Evaluation Total Project	ent gement				Total Prior to FY 2000 155,789 20,519 6,999 183,307	Budget FY 2000 6,081 2,263 1,277 9,621	Budget FY 2001 1,000 485 0 1,485	Budget FY 2002	Budget to Complete 0 0 0 0 0	Total Program 162,870 23,267 8,276 194,413		
Project 1000				Page 6 of 6 Pag	es			Exhib	it R-3 (PE 06	04727F)		