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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)									DATE June 2001		
BUDGET ACTIVITY 07 - Operational System Development				PE NUMBER AND TITLE 0207320F Sensor Fuzed Weapon (SFW)					PROJECT 1016		
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
1016	Sensor Fuzed Weapon	11,000	0	0	0	0	0	0	0	0	64,086
	Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	8
<p>(U) <u>A. Mission Description</u> This project continues development of the Sensor Fuzed Weapon (SFW) Pre-Planned Product Improvement (P3I). The P3I improvements to the baseline SFW will enhance weapon performance against primary targets (land combat vehicles), targets with countermeasures, and potentially allow for use against alternative targets. All P3I improvements are at the BLU-108 submunition level. The P3I BLU-108 submunition will also be used in the anti-armor version of the Joint Standoff Weapon (JSOW). SFW is an ACAT 2 program.</p> <p>(U) <u>FY 2000 (\$ in Thousands)</u> (U) \$8,578 Complete the P3I development program; correct technical problems; complete contractor development testing; and support govt. qualification testing (U) \$384 Complete program management support, includes travel, program office supplies and equipment, training and technical engineering support (U) \$2,038 Complete subsystem level testing and Cluster Bomb Unit (CBU) flight testing (U) \$11,000 Total</p> <p>(U) <u>FY 2001 (\$ in Thousands)</u> (U) \$0 No Activity (U) \$0 Total</p> <p>(U) <u>FY 2002 (\$ in Thousands)</u> (U) \$0 No Activity (U) \$0 Total</p> <p>(U) <u>B. Budget Activity Justification</u> This program is in budget activity 7 - Operational System Development, because this activity funds improvements to the SFW, which is currently in production. The SFW P3I is scheduled to cut-in the production program in FY01.</p>											

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(U) C. Program Change Summary (\$ in Thousands)											
				<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>		<u>Total Cost</u>			
(U)	Previous President's Budget (FY 2001 PBR)			11,785	0	0		64,739			
(U)	Appropriated Value			11,785							
(U)	Adjustments to Appropriated Value										
	a. Congressional/General Reductions			-2							
	b. Small Business Innovative Research			-425							
	c. Omnibus or Other Above Threshold Reprogram										
	d. Below Threshold Reprogram			-238							
	e. Rescissions			-120							
(U)	Adjustments to Budget Years Since FY 2001 PBR							-653			
(U)	Current Budget Submit/FY 2002 PBR			11,000		0		64,086			
(U)	<u>Significant Program Changes:</u>										
	None										
(U) D. Other Program Funding Summary (\$ in Thousands)											
		<u>FY 2000</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>Estimate</u>	<u>Complete</u>	
(U)	AF RDT&E										
(U)	Other APPN										
(U)	Procurement of Ammunition, AF P-1 Line Item 21	85,092	106,451	103,806	98,896	97,328	98,113	119,214	123,813	14,610	1,767,941
(U) E. Acquisition Strategy											
The SFW Pre-Planned Product Improvements (P3I) program is a 58 month R&D effort to enhance the BLU-108 submunition and projectile. This is a sole source Cost-Plus Award Fee (CPAF) contract for P3I to the current SFW submunition design. The SFW P3I submunition (improved BLU-108) will also be used in the JSOW weapon system.											
(U) F. Schedule Profile											
				<u>FY 2000</u>		<u>FY 2001</u>		<u>FY 2002</u>			

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(U) F. Schedule Profile Continued												
		<u>FY 2000</u>				<u>FY 2001</u>				<u>FY 2002</u>		
	1	2	3	4	1	2	3	4	1	2	3	4
(U) Design and Development of P3I		*										
(U) Preliminary Design Review (PDR)												
(U) Detailed Design/Development Tests												
(U) Development Test Meeting												
(U) Critical Design Review (CDR)		*										
(U) Hardware Build/Qualification Tests	*	*	*									
(U) Subsystem Level Testing	*	*	*	*								
(U) System Level Testing		*	*	*	X							
* = Completed Events												
X = Planned Events												

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE June 2001				
BUDGET ACTIVITY 07 - Operational System Development					PE NUMBER AND TITLE 0207320F Sensor Fuzed Weapon (SFW)			PROJECT 1016			
(U) A. Project Cost Breakdown (\$ in Thousands)											
						<u>FY 2000</u>		<u>FY 2001</u>		<u>FY 2002</u>	
(U)	Major Contracts					8,578		0			
(U)	Support Contracts					228					
(U)	Program Office Support					156					
(U)	Test and Evaluation					2,038					
(U)	Total					11,000		0			
(U) B. Budget Acquisition History and Planning Information (\$ in Thousands)											
(U) Performing Organizations:											
	<u>Contractor or Government</u>	<u>Contract Method/Type</u>	<u>Award or Obligation</u>	<u>Performing Activity</u>	<u>Project Office</u>	<u>Total Prior to FY 2000</u>	<u>Budget FY 2000</u>	<u>Budget FY 2001</u>	<u>Budget FY 2002</u>	<u>Budget to Complete</u>	<u>Total Program</u>
	<u>Performing Activity</u>	<u>or Funding Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>						
	<u>Product Development Organizations</u>										
	Textron System Defense	SS/CPAF	Oct 99	51,447	51,447	42,869	8,578	0		0	51,447
	<u>Support and Management Organizations</u>										
	ASC/YH	N/A	various	N/A	N/A	1,951	156	0		0	2,107
	Miscellaneous	various	various	N/A	N/A	1,374	228	0		0	1,602
	<u>Test and Evaluation Organizations</u>										
	46 OG/OGML	REO	Mar 00	N/A	N/A	6,703	2,038	0		0	8,741
(U) Government Furnished Property:											
	<u>Item</u>	<u>Contract Method/Type</u>	<u>Award or Obligation</u>	<u>Delivery</u>		<u>Total Prior to FY 2000</u>	<u>Budget FY 2000</u>	<u>Budget FY 2001</u>	<u>Budget FY 2002</u>	<u>Budget to Complete</u>	<u>Total Program</u>
	<u>Description</u>	<u>or Funding Vehicle</u>	<u>Date</u>	<u>Date</u>							

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							June 2001	
BUDGET ACTIVITY				PE NUMBER AND TITLE			PROJECT	
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(U) Government Furnished Property Continued:								
	<u>Contract</u>	<u>Award or</u>						
<u>Item</u>	<u>Method/Type</u>	<u>Obligation</u>	<u>Delivery</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
<u>Description</u>	<u>or Funding</u>	<u>Date</u>	<u>Date</u>	<u>to FY 2000</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Complete</u>
	<u>Vehicle</u>							<u>Program</u>
<u>Product Development Property</u>								
GFE (explosive)	MIPR	May 97	Oct 97	72	0	0		0
Army, Aberdeen								
GFE (RHA Plates) Army,	MIPR	Jun 96	Jul 96	117	0	0		0
Aberdeen								
<u>Support and Management Property</u>								
Not Applicable	N/A	N/A	N/A	0	0	0		0
<u>Test and Evaluation Property</u>								
Not Applicable	N/A	N/A	N/A	0	0	0		0
				<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>
<u>Subtotals</u>				<u>to FY 2000</u>	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>Complete</u>
								<u>Program</u>
Subtotal Product Development				43,058	8,578	0		0
Subtotal Support and Management				3,325	384	0		0
Subtotal Test and Evaluation				6,703	2,038	0		0
Total Project				53,086	11,000	0		0