

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 2002			
BUDGET ACTIVITY 05 - Engineering and Manufacturing Development				PE NUMBER AND TITLE 0604329F Small Diameter Bomb				PROJECT 5006			
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	
5006	Small Diameter Bomb	25,000	34,653	54,368	79,519	69,401	101,934	202,432	54,309	621,616	
	Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	
<p>(U) <u>A. Mission Description</u> Small Diameter Bomb (SDB) is a pre-MDAP Air Force ACAT 1C program providing increased kills per sortie on current and future aircraft platforms. SDB addresses the following warfighter requirements: multiple kills per pass; multiple ordnance carriage; adverse weather operations, precision munitions capability; capability against hardened targets; reduced munitions footprint; increased weapons effectiveness against area targets; real-time target location and/or kill capability versus small/mobile targets; reduced susceptibility to camouflage, concealment and deception (CCD); minimized potential for collateral damage; and reduced susceptibility of munitions to countermeasures. Threshold aircraft is the F-15-E for Phase I and F-16 and B-1 for Phase II. Objective aircraft include the B-2, Joint Strike Fight (JSF), F-22, F-117, B-52, and the Unmanned Combat Aerial Vehicle (UCAV). SDB is currently in Component Advanced Development (CAD) phase with Milestone B planned for the fourth quarter of 2003.</p> <p>(U) <u>FY 2001 (\$ in Thousands)</u> (U) \$23,226 Start Component Advanced Development (CAD) phase. CAD is defined as the development of subsystems/components that must be demonstrated before integration into a system. (U) \$1,510 Establish test support. (U) \$50 Establish aircraft integration. (U) \$214 Establish program office and mission support. (U) \$25,000 Total</p> <p>(U) <u>FY 2002 (\$ in Thousands)</u> (U) \$24,874 Continue Component Advanced Development (CAD) phase. CAD is defined as the development of subsystems/components that must be demonstrated before integration into a system. (U) \$150 Continue test support. (U) \$4,065 Continue aircraft integration. (U) \$5,564 Continue program office and mission support.</p>											
Project 5006				Page 1 of 6 Pages				Exhibit R-2 (PE 0604329F)			

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)		DATE February 2002			
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT			
05 - Engineering and Manufacturing Development	0604329F Small Diameter Bomb	5006			
(U) <u>A. Mission Description Continued</u>					
(U) <u>FY 2002 (\$ in Thousands) Continued</u>					
(U) \$34,653	Total				
(U) <u>FY 2003 (\$ in Thousands)</u>					
(U) \$39,884	Continue Component Advanced Development (CAD) phase. CAD is defined as the development of subsystems/components that must be demonstrated before integration into a system.				
(U) \$240	Continue test support.				
(U) \$8,873	Continue aircraft integration.				
(U) \$5,371	Continue program office and mission support.				
(U) \$54,368	Total				
(U) <u>B. Budget Activity Justification</u>					
This program is budget activity 5 - Engineering and Manufacturing Development, providing funding for the development of the Small Diameter Bomb.					
(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		11,889	40,000	0	51,889
(U) Appropriated Value		11,889	40,000		51,889
(U) Adjustments to Appropriated Value					
a. Congressional/General Reductions			-5,347		
b. Small Business Innovative Research					
c. Omnibus or Other Above Threshold Reprogram					
d. Below Threshold Reprogram					
e. Rescissions					
(U) Adjustments to Budget Years Since FY 2002 PBR		13,111		54,368	569,727
(U) Current Budget Submit/FY 2003 PBR		25,000	34,653	54,368	621,616

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)										DATE February 2002			
BUDGET ACTIVITY					PE NUMBER AND TITLE					PROJECT			
05 - Engineering and Manufacturing Development					0604329F Small Diameter Bomb					5006			
(U) <u>F. Schedule Profile Continued</u>													
		<u>FY 2001</u>				<u>FY 2002</u>				<u>FY 2003</u>			
		1	2	3	4	1	2	3	4	1	2	3	4
(U) Milestone A					*								
(U) CAD Contract Award					*								
(U) Milestone B													X
(U) SDD Contract Award													X
X - Planned Event													
* - Completed Event													
Project 5006													
Page 4 of 6 Pages													
Exhibit R-2 (PE 0604329F)													

UNCLASSIFIED

RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2002			
BUDGET ACTIVITY				PE NUMBER AND TITLE				PROJECT		
05 - Engineering and Manufacturing Development				0604329F Small Diameter Bomb				5006		
(U) A. Project Cost Breakdown (\$ in Thousands)										
						<u>FY 2001</u>		<u>FY 2002</u>		<u>FY 2003</u>
(U)	Major Contracts					23,226		24,874		39,884
(U)	Assoc Contracts					50		4,065		8,873
(U)	Support Contracts					214		4,964		4,671
(U)	In-House					0		600		700
(U)	Test Support					1,510		150		240
(U)	Total					25,000		34,653		54,368
(U) B. Budget Acquisition History and Planning Information (\$ in Thousands)										
(U) Performing Organizations:										
<u>Contractor or</u>	<u>Contract</u>									
<u>Government</u>	<u>Method/Type</u>	<u>Award or</u>	<u>Performing</u>	<u>Project</u>						
<u>Performing</u>	<u>or Funding</u>	<u>Obligation</u>	<u>Activity</u>	<u>Office</u>	<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
<u>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>	<u>Program</u>
<u>Product Development Organizations</u>										
CAD Ktr 1 Contract *	FFP	Sep-01	43,992	0	0	11,613	12,437	19,942	0	43,992
CAD Ktr 2 Contract *	FFP	Sep-01	43,992	0	0	11,613	12,437	19,942	0	43,992
SDD 1 Contract	CPAF	1 Qtr 03	114,569	0	0	0	0	0	114,569	114,569
SDD 2 Contract	CPAF	1 Qtr 05	223,348	0	0	0	0	0	223,348	223,348
<u>Support and Management Organizations</u>										
F-22 SPO	PO	Oct-01	N/A	N/A	0	0	3,000	0	0	3,000
F-15 SPO	PO	Oct-01	N/A	N/A	0	0	100	7,300	7,900	15,300
F-16 SPO	PO	Oct-01	N/A	N/A	0	50	520	500	25,000	26,070
B-1 SPO	PO	Oct-01	N/A	N/A	0	0	350	458	81,150	81,958
B-2 SPO	PO	Oct-01	N/A	N/A	0	0	0	0	0	0
Other A/C SPOs	PO	Various	N/A	N/A	0	0	95	615	7,775	8,485
Sverdrup Inc.	C/CPAF	Jan-96, Jun-01	N/A	N/A	0	0	2,602	2,500	12,500	17,602
Project 5006										
Page 5 of 6 Pages										
Exhibit R-3 (PE 0604329F)										

UNCLASSIFIED

RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)										DATE February 2002
BUDGET ACTIVITY					PE NUMBER AND TITLE					PROJECT
05 - Engineering and Manufacturing Development					0604329F Small Diameter Bomb					5006
(U) Performing Organizations Continued:										
<u>Support and Management Organizations</u>										
Other	Misc	Various	N/A	N/A	0	214	2,962	2,871	17,628	23,675
<u>Test and Evaluation Organizations</u>										
46 TW	PO	TBD	N/A	N/A	0	1,510	150	240	17,725	19,625
(U) Government Furnished Property:										
	<u>Contract</u>									
	<u>Method/Type</u>	<u>Award or</u>								
<u>Item</u>	<u>or Funding</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>Total</u>
<u>Description</u>	<u>Vehicle</u>	<u>Date</u>	<u>Date</u>		<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>	<u>Program</u>
<u>Product Development Property</u>										
Not Applicable										
<u>Support and Management Property</u>										
Not Applicable										
<u>Test and Evaluation Property</u>										
Not Applicable										
					<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget</u>	<u>Budget to</u>	<u>Total</u>
<u>Subtotals</u>					<u>to FY 2001</u>	<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>	<u>Complete</u>	<u>Program</u>
Subtotal Product Development					0	23,226	24,874	39,884	337,917	425,901
Subtotal Support and Management					0	264	9,629	14,244	151,953	176,090
Subtotal Test and Evaluation					0	1,510	150	240	17,725	19,625
Total Project					0	25,000	34,653	54,368	507,595	621,616