

UNCLASSIFIED

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

DATE

February 2003

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

05 - System Development and Demonstration (SDD)

0207249F Precision Attack Systems

2693

COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
2693 Lantirn	3,462	0	0	0	0	0	0	0	0	9,671
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

(U) **A. Mission Description**

The primary mission of the Low Altitude Navigation and Targeting Infrared for Night (LANTIRN) targeting and navigation pods is to execute surgical strike operations under various conditions. The targeting pod is the core of the Combat Air Forces (CAF) precision guided munitions (PGM) capability, the heart of F-15E and F-16Blk40 operations. A suite of support equipment provides maintenance analysis for organic pod repair. The mission capable rate of the pods is related to the availability of the support equipment. This equipment utilizes early 1980's technology and is in serious decline. Operators experience excessive down-time due to obsolete parts and ever decreasing repair capability. The System Program Office has developed a plan to upgrade the support equipment, replacing obsolete parts with commercial off-the-shelf components, increasing throughput by 70 percent, and facilitating AEF-tailored, small footprint, rapid deployment capability.

(U) **FY 2002 (\$ in Thousands)**

(U) \$0 ACCOMPLISHMENTS/PLANNED PROGRAM

(U) \$3,462 Required development and engineering for upgrade of LANTIRN support equipment, and development of associated technical data and drawings.

(U) \$3,462 Total

(U) **FY 2003 (\$ in Thousands)**

(U) \$0 No Activity

(U) \$0 Total

(U) **FY 2004 (\$ in Thousands)**

(U) \$0 No Activity

(U) \$0 Total

(U) **B. Budget Activity Justification**

The LANTIRN SE upgrade program is in budget activity 5 - System Development and Demonstration (SDD) it is in engineering and manufacturing development and has not received full-rate production approval.

Project 2693

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05 - System Development and Demonstration (SDD)**0207249F Precision Attack Systems****2693****(U) C. Program Change Summary (\$ in Thousands)**

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Total Cost</u>
(U) Previous President's Budget	5,925	0	0	9,671
(U) Appropriated Value	5,984			9,671
(U) Adjustments to Appropriated Value				
a. Congressional/General Reductions	-59			
b. Small Business Innovative Research	-193			
c. Omnibus or Other Above Threshold Reprogram				
d. Below Threshold Reprogram	-2,253			
e. Rescissions	-17			
(U) Adjustments to Budget Years Since FY 2003 PBR				
(U) Current Budget Submit/FY 2004 PBR	3,462		0	9,671

(U) Significant Program Changes:**(U) D. Other Program Funding Summary (\$ in Thousands)**

	<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>FY 2008</u>	<u>FY 2009</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) Other APPN	35,256	36,499	34,130	35,053	36,163	36,981	39,270	26,612	Continuing	Continuing
(3010), Line Item 77; Precision Attack Systems										

(U) E. Acquisition Strategy

The majority of engineering and development of the upgrade to the LANTIRN Intermediate Automatic Test Equipment (LIATE) and Electro-Optical Test Set (EOTS) will be completed under the Commercial Operations and Support Savings Initiative (COSSI), a DoD-funded program. We will award a contract for any additional engineering development for the LIATE and EOTS and/or for the remaining three test stations in the LANTIRN support equipment suite.

(U) F. Schedule Profile

	<u>FY 2002</u>				<u>FY 2003</u>				<u>FY 2004</u>			
	1	2	3	4	1	2	3	4	1	2	3	4
(U) LANTIRN Mid-life upgrade				*								
* - Completed Activity												
X - Plan Start/Completion Date												

Project 2693

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Exhibit R-2 (PE 0207249F)

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2003	
BUDGET ACTIVITY				PE NUMBER AND TITLE			PROJECT	
05 - System Development and Demonstration (SDD)				0207249F Precision Attack Systems			2693	
(U) <u>A. Project Cost Breakdown (\$ in Thousands)</u>								
					<u>FY 2002</u>		<u>FY 2003</u>	<u>FY 2004</u>
(U)	Develop LANTIRN SE upgrade and tech data				3,462		0	
(U)	Total				3,462		0	
(U) <u>B. Budget Acquisition History and Planning Information (\$ in Thousands)</u>								
(U) <u>Performing Organizations:</u>								
	<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>Activity</u>	<u>Vehicle</u>	<u>Date</u>	<u>EAC</u>	<u>EAC</u>	<u>to FY 2002</u>	<u>FY 2002</u>	<u>FY 2003</u>
	Lockhee Martin Space and					6,209	3,462	0
	Missiles							0
	<u>Product Development Organizations</u>							
	<u>Support and Management Organizations</u>							
	<u>Test and Evaluation Organizations</u>							
						<u>Total Prior</u>	<u>Budget</u>	<u>Budget</u>
						<u>to FY 2002</u>	<u>FY 2002</u>	<u>FY 2003</u>
						<u>FY 2004</u>	<u>Budget to</u>	<u>Total</u>
						<u>Complete</u>	<u>Program</u>	
	<u>Subtotals</u>					6,209	3,462	0
							0	0
	Subtotal Product Development							0
	Subtotal Support and Management							0
	Subtotal Test and Evaluation							0
	Total Project					6,209	3,462	0
							0	9,671