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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 2002			
BUDGET ACTIVITY 05 - Engineering and Manufacturing Development				PE NUMBER AND TITLE 0207249F Precision Attack Systems				PROJECT 2693			
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	
2693	Lantirn	3,687	5,925	0	0	0	0	0	0	9,671	
Quantity of RDT&E Articles		0	0	0	0	0	0	0	0	0	
<p>(U) <u>A. Mission Description</u> 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.</p> <p>(U) <u>FY 2001 (\$ in Thousands)</u> (U) \$3,687 Required development and engineering for upgrade of LANTIRN support equipment, and development of associated technical data and drawings. (U) \$3,687 Total</p> <p>(U) <u>FY 2002 (\$ in Thousands)</u> (U) \$5,925 Required development and engineering for upgrade of LANTIRN support equipment, and development of associated technical data and drawings. (U) \$5,925 Total</p> <p>(U) <u>FY 2003 (\$ in Thousands)</u> (U) \$0 No Activity (U) \$0 Total</p>											
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BUDGET ACTIVITY				PE NUMBER AND TITLE			PROJECT			
05 - Engineering and Manufacturing Development				0207249F Precision Attack Systems			2693			
(U) B. Budget Activity Justification										
The LANTIRN SE upgrade program is in budget activity 5 - Engineering and Manufacturing Development because it is in engineering and manufacturing development and has not received full-rate production approval.										
(U) C. Program Change Summary (\$ in Thousands)										
		<u>FY 2001</u>	<u>FY 2002</u>	<u>FY 2003</u>		<u>Total Cost</u>				
(U)	Previous President's Budget	3,928	5,925	0		9,671				
(U)	Appropriated Value	3,965	5,925			9,671				
(U)	Adjustments to Appropriated Value									
	a. Congressional/General Reductions	-28	0							
	b. Small Business Innovative Research	-140								
	c. Omnibus or Other Above Threshold Reprogram	-76								
	d. Below Threshold Reprogram	-25								
	e. Rescissions	-9								
(U)	Adjustments to Budget Years Since FY 2002 PBR									
(U)	Current Budget Submit/FY 2003 PBR	3,687	5,925	0		9,671				
(U) Significant Program Changes:										
(U) D. Other Program Funding Summary (\$ in Thousands)										
		<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>Complete</u>	
(U)	Other APPN (3010), Line Item 77; Precision Attack Systems	34,602	36,063	37,056	37,197	38,008	38,850	39,713	0	261,489
(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. Development of the associated technical data and drawings for the upgraded equipment will also be required.										

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2002				
BUDGET ACTIVITY					PE NUMBER AND TITLE			PROJECT			
05 - Engineering and Manufacturing Development					0207249F Precision Attack Systems			2693			
(U) A. Project Cost Breakdown (\$ in Thousands)											
						<u>FY 2001</u>		<u>FY 2002</u>		<u>FY 2003</u>	
(U)	Develop LANTIRN SE upgrade and tech data					3,687		5,925		0	
(U)	Total					3,687		5,925		0	
(U) B. Budget Acquisition History and Planning Information (\$ in Thousands)											
(U) Performing Organizations:											
	<u>Contractor or Government Performing Activity</u>	<u>Contract Method/Type or Funding Vehicle</u>	<u>Award or Obligation Date</u>	<u>Performing Activity EAC</u>	<u>Project Office EAC</u>	<u>Total Prior to FY 2001</u>	<u>Budget FY 2001</u>	<u>Budget FY 2002</u>	<u>Budget FY 2003</u>	<u>Budget to Complete</u>	<u>Total Program</u>
	Lockhee Martin Space and Missiles						3,687	5,984	0	0	9,671
	<u>Product Development Organizations</u>										
	<u>Support and Management Organizations</u>										
	<u>Test and Evaluation Organizations</u>										
	<u>Subtotals</u>					<u>Total Prior to FY 2001</u>	<u>Budget FY 2001</u>	<u>Budget FY 2002</u>	<u>Budget FY 2003</u>	<u>Budget to Complete</u>	<u>Total Program</u>
	Subtotal Product Development						3,687	5,984	0	0	9,671
	Subtotal Support and Management										
	Subtotal Test and Evaluation										
	Total Project						3,687	5,984	0	0	9,671