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RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)								DATE February 2002	
BUDGET ACTIVITY 04 - Demonstration and Validation				PE NUMBER AND TITLE 0603859F Pollution Prevention				PROJECT 4852	
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
4852 Pollution Prevention	2,408	0	2,743	2,792	2,842	2,897	2,952	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0
<p>(U) <u>A. Mission Description</u> Funds will be used to target R&D activities that demonstrate and validate alternative aircraft painting/depainting, maintenance processes that reduce compliance burden associated with National Emissions Standards for Hazardous Air Pollutants (Clean Air Act driven), and other hazardous waste reduction Dem/Val requirements. Specifically, funds will target pollution prevention technologies, including replacement of chromate conversion coating on aluminum and magnesium based metals, nonchromated primers to replace zinc chromate, and environmentally safe replacement for cadmium plating.</p> <p>(U) <u>FY 2001 (\$ in Thousands)</u> (U) \$478 Resource Conservation and Recovery Act (RCRA) Subtitle C - Hazardous Waste (U) \$95 Resource Conservation and Recovery Act (RCRA) Subtitle D - Solid Waste (U) \$859 Clean Air Act (U) \$225 Clean Water Act (U) \$525 Hazardous Material Reduction (U) \$226 Other (U) \$2,408 Total</p> <p>(U) <u>FY 2002 (\$ in Thousands)</u> (U) \$0 Resource Conservation and Recovery Act (RCRA) Subtitle C - Hazardous Waste (U) \$0 Clean Air Act (U) \$0 Clean Water Act (U) \$0 Hazardous Material Reduction (U) \$0 Other (U) \$0 Total</p>									
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BUDGET ACTIVITY 04 - Demonstration and Validation					PE NUMBER AND TITLE 0603859F Pollution Prevention					PROJECT 4852				
(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) AF RDT&E														
(U) Other APPN														
Not Applicable														
(U) E. Acquisition Strategy														
Pollution Prevention activities are level of effort and use time and materials support contracts.														
(U) F. Schedule Profile														
				<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) Prototype Development			*								X			
(U) Demonstration/Validation				*	*							X	X	
(U) Contract Completion							X							X

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)							DATE February 2002				
BUDGET ACTIVITY 04 - Demonstration and Validation				PE NUMBER AND TITLE 0603859F Pollution Prevention			PROJECT 4852				
(U) A. Project Cost Breakdown (\$ in Thousands)											
						<u>FY 2001</u>		<u>FY 2002</u>		<u>FY 2003</u>	
(U)	Development Test and Evaluation					405		0		457	
(U)	Operational Test and Evaluation					716		0		998	
(U)	Contractor Engineering Support					1,034		0		990	
(U)	Program Management Support					191		0		216	
(U)	Miscellaneous					62		0		82	
(U)	Total					2,408		0		2,743	
(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 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>
	<u>Product Development Organizations</u>										
	Air Force Research Lab	TBD	30 Mar 00	N/A	N/A	0	680	0	817	Continuing	TBD
	<u>Support and Management Organizations</u>										
	Aerospace Systems Center	TBD	30 Mar 00	N/A	N/A	0	706	0	671	Continuing	TBD
	<u>Test and Evaluation Organizations</u>										
	Air Force Research Lab	TBD	30 Mar 00	N/A	N/A	0	1,022	0	1,255	Continuing	TBD
(U) Government Furnished Property:											
	<u>Item Description</u>	<u>Contract Method/Type or Funding Vehicle</u>	<u>Award or Obligation Date</u>	<u>Delivery Date</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>
	<u>Product Development Property</u>										
	None										

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RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)		DATE February 2002				
BUDGET ACTIVITY	PE NUMBER AND TITLE	PROJECT				
04 - Demonstration and Validation	0603859F Pollution Prevention	4852				
(U) <u>Government Furnished Property Continued:</u>						
<u>Support and Management Property</u>						
None						
<u>Test and Evaluation Property</u>						
None						
	<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	680	0	817	TBD	TBD
Subtotal Support and Management	0	706	0	671	TBD	TBD
Subtotal Test and Evaluation	0	1,022	0	1,255	TBD	TBD
Total Project	0	2,408	0	2,743	TBD	TBD