

UNCLASSIFIED

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

DATE

February 2003

BUDGET ACTIVITY

03 - Advanced Technology Development (ATD)

PE NUMBER AND TITLE

0603205F Flight Vehicle Technology

PROJECT

4398

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
4398 Air Base Technology	4,418	3,463	0	0	0	0	0	0	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

Note: In FY 2003, remaining efforts transferred to PE 0603112F, Project 4918. However, Congress added \$3.5 million for environmental sensing and monitoring system (E-SMART™) Chemical and Biological Sensors in FY 2003.

(U) **A. Mission Description**

Prior to FY 2003, this project developed technologies for fixed and bare base operations, including airfield pavements, energy systems, air base survivability, air base recovery, protective systems, airfield fire protection, and crash rescue.

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

(U) \$0 Accomplishments/Planned Program

(U) \$1,737 Continued Congressionally-directed effort related to providing increased explosion mitigation, increased ability to conduct rapid airfield assessment, improved lightweight airfield matting, and more efficient deployable utility systems.

(U) \$2,681 Continued Congressionally-directed effort to develop and integrate additional chemical and biological sensor and monitoring technologies into the E-SMART™ system.

(U) \$4,418 Total

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

(U) \$3,463 Continue Congressionally-directed effort to develop and integrate additional chemical and biological sensor and monitoring technologies into the E-SMART™ system.

(U) \$3,463 Total

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

(U) \$0 Accomplishments/Planned Program

(U) \$0 No Activity

(U) \$0 Total

Project 4398

Page 1 of 2 Pages

Exhibit R-2 (PE 0603205F)

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BUDGET ACTIVITY 03 - Advanced Technology Development (ATD)	PE NUMBER AND TITLE 0603205F Flight Vehicle Technology		PROJECT 4398																																																								
<p>(U) <u>B. Budget Activity Justification</u> This program is in the Budget Activity 3, Advanced Technology Development, since it develops and demonstrates technologies for exhibiting new systems development that have military utility and address warfighter needs.</p> <p>(U) <u>C. Program Change Summary (\$ in Thousands)</u></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 55%;"></th> <th style="width: 10%; text-align: center;"><u>FY 2002</u></th> <th style="width: 10%; text-align: center;"><u>FY 2003</u></th> <th style="width: 10%; text-align: center;"><u>FY 2004</u></th> <th style="width: 15%; text-align: center;"><u>Total Cost</u></th> </tr> </thead> <tbody> <tr> <td>(U) Previous President's Budget</td> <td style="text-align: center;">4,556</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td>(U) Appropriated Value</td> <td style="text-align: center;">4,600</td> <td style="text-align: center;">3,500</td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Appropriated Value</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">a. Congressional/General Reductions</td> <td style="text-align: center;">-44</td> <td style="text-align: center;">-37</td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">b. Small Business Innovative Research</td> <td style="text-align: center;">-117</td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">c. Omnibus or Other Above Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">d. Below Threshold Reprogram</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="padding-left: 20px;">e. Rescissions</td> <td style="text-align: center;">-21</td> <td></td> <td></td> <td></td> </tr> <tr> <td>(U) Adjustments to Budget Years Since FY 2003 PBR</td> <td></td> <td></td> <td style="text-align: center;">0</td> <td></td> </tr> <tr> <td>(U) Current Budget Submit/FY 2004 PBR</td> <td style="text-align: center;">4,418</td> <td style="text-align: center;">3,463</td> <td style="text-align: center;">0</td> <td style="text-align: center;">TBD</td> </tr> </tbody> </table> <p>(U) <u>Significant Program Changes:</u> In FY 2003, remaining efforts transferred to PE 0603112F, Project 4918. However, Congress added \$3.5 million for environmental sensing and monitoring system (E-SMART™) Chemical and Biological Sensors in FY 2003.</p> <p>(U) <u>D. Other Program Funding Summary (\$ in Thousands)</u> (U) Related Activities: (U) PE 0603112F, Advanced Materials for Weapon Systems. (U) This project was coordinated through the Reliance process to harmonize efforts and eliminate duplication.</p> <p>(U) <u>E. Acquisition Strategy</u> Not Applicable.</p> <p>(U) <u>F. Schedule Profile</u> (U) Not Applicable.</p>						<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Total Cost</u>	(U) Previous President's Budget	4,556	0	0		(U) Appropriated Value	4,600	3,500			(U) Adjustments to Appropriated Value					a. Congressional/General Reductions	-44	-37			b. Small Business Innovative Research	-117				c. Omnibus or Other Above Threshold Reprogram					d. Below Threshold Reprogram					e. Rescissions	-21				(U) Adjustments to Budget Years Since FY 2003 PBR			0		(U) Current Budget Submit/FY 2004 PBR	4,418	3,463	0	TBD
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