

## UNCLASSIFIED

PE NUMBER: 0603205F

PE TITLE: Flight Vehicle Technology

## Exhibit R-2, RDT&amp;E Budget Item Justification

DATE

February 2005

## BUDGET ACTIVITY

## 03 Advanced Technology Development (ATD)

## PE NUMBER AND TITLE

## 0603205F Flight Vehicle Technology

Cost (\$ in Millions)	FY 2004 Actual	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	0.967	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.419
4398 Air Base Technology	0.967	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.419

Note: The Air Force transferred efforts in this program to PE 0603211F in FY 2002. However, in FY 2004, Congress added \$1.0 million for Air Force Research Laboratory (AFRL) Study of Legacy Tactical Aircraft.

(U) **A. Mission Description and Budget Item Justification**

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. 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.

(U) **B. Program Change Summary (\$ in Millions)**

	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Previous President's Budget	0.992	0.000	0.000	0.000
(U) Current PBR/President's Budget	0.967	0.000	0.000	0.000
(U) Total Adjustments	-0.025	0.000		
(U) Congressional Program Reductions				
Congressional Rescissions				
Congressional Increases				
Reprogrammings				
SBIR/STTR Transfer	-0.025			
(U) <u>Significant Program Changes:</u>				
Not Applicable.				

(U) C. Performance Metrics  
Under Development

## Exhibit R-2a, RDT&amp;E Project Justification

DATE

February 2005

BUDGET ACTIVITY					PE NUMBER AND TITLE			PROJECT NUMBER AND TITLE		
<b>03 Advanced Technology Development (ATD)</b>					<b>0603205F Flight Vehicle Technology</b>			<b>4398 Air Base Technology</b>		
Cost (\$ in Millions)	FY 2004 Actual	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
4398 Air Base Technology	0.967	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	16.419
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) **A. Mission Description and Budget Item Justification**

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. 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.

(U) **B. Accomplishments/Planned Program (\$ in Millions)**

	<u>FY 2004</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) CONGRESSIONAL ADD: Conduct a study into service life extension potentials for legacy tactical aircraft.	0.967	0.000	0.000	0.000
(U) In FY 2004: Initiated Congressionally-directed Air Force Research Laboratory Study of Legacy Tactical Aircraft.				
(U) In FY 2005: Not Applicable.				
(U) In FY 2006: Not Applicable.				
(U) In FY 2007: Not Applicable.				
(U) Total Cost	0.967	0.000	0.000	0.000

(U) **C. Other Program Funding Summary (\$ in Millions)**

	<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>FY 2010</u>	<u>FY 2011</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) Related Activities: This project was coordinated through the Reliance process										
(U) to harmonize efforts and eliminate duplication.										

(U) **D. Acquisition Strategy**

Not Applicable.