RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)									DATE	DATE February 2003		
					PE NUMBER AND TITLE 0604856F Common Aero Vehicle						PROJECT A012	
	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	
A012	Common Aero Vehicle	0	0	12,220	21,667	27,321	32,631	31,514	39,537	Continuing	TBD	
	Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	Continuing	TBD	

In FY 2004, this is a new PE.

In FY 2004, PE 0604856F, Common Aero Vehicle, Project A012, Common Aero Vehicle, is a new start in order to meet the requirements of the Prompt Global Strike Mission Needs Statement.

(U) A. Mission Description

The Prompt Global Strike (PGS) Mission Needs Statement (MNS) establishes the requirement for rapid conventional strike worldwide to counter the proliferation of weapons of mass destruction and provide a forward presence without forward deployment. In December 2002 the DepSecDef directed the Air Force and Defense Advanced Research Projects Agency (DARPA) to establish a joint program office to accelerate the Common Aero Vehicle effort to meet this requirement. The Common Aero Vehicle program is focused on the development and transition of more mature technologies into a future weapon system capable of delivering and deploying conventional payloads world wide from and through space.

(U) FY 2002 (\$ in Thousands)

(U) \$0 Accomplishments/Planned Program

(U) \$0 Not Applicable

(U) \$0 Total

(U) FY 2003 (\$ in Thousands)

(U) \$0 Accomplishments/Planned Program

(U) \$0 Not Applicable

(U) \$0 Total

Project A012 Page 1 of 5 Pages Exhibit R-2 (PE 0604856F)

	RDT&E BUDGET ITEM JUSTIFICAT	DATE Febr	DATE February 2003			
04 -	GET ACTIVITY - Advanced Component Development and Prototy CD&P)	pes 0604856F Co			PROJECT A012	
(U)	A. Mission Description Continued					
(U) (U) (U) (U) (U) (U) (U)	FY 2004 (\$ in Thousands) \$0 Accomplishments/Planned Program \$2,040 Analyze alternative common aero vehicle cond vehicles. Conduct in depth requirements analy critical missions. \$9,380 Conduct vehicle design studies, systems engin \$800 Conduct flight demonstration planning and rar \$12,220 Total	sis and modeling of vehicle t eering and program assessme	rajectorie	s, flight profiles, v	veapon effects, and let	
(U)	B. Budget Activity Justification This program is Budget Activity 4, Advanced Component Developm operating environment as possible to assess the performance or cost r	• •			ng integrated technolo	ogies in as realistic an
(U)	C. Program Change Summary (\$ in Thousands)		.002	EV 2002	EV 2004	T . 1 C
(U) (U) (U)	Previous President's Budget Appropriated Value Adjustments to Appropriated Value a. Congressional/General Reductions b. Small Business Innovative Research c. Omnibus or Other Above Threshold Reprogram d. Below Threshold Reprogram e. Rescissions Adjustments to Budget Years Since EV 2003 BBB	FY 2	<u>2002</u>	FY 2003	FY 2004	Total Cos
(U) (U)	Adjustments to Budget Years Since FY 2003 PBR Current Budget Submit/FY 2004 PBR				12,220 12,220	TBD
(U)	Significant Program Changes: FY 2004 new start					
Р	Project A012	Page 2 of 5 Pages			Exhibit R	-2 (PE 0604856F)

	RDT&E BUI	OGET IT	EM JUS	STIFICA	TION SI	HEET (R	-2 Exhib	oit)	D	Februa	ry 2003
04 -	GET ACTIVITY - Advanced Component CD&P)	Develop	ment and	d Prototy	-	NUMBER AND 04856F (Aero Veh	nicle		PROJECT A012
, ,	D. Other Program Funding St. AF RDT&E None Other APPN Defensewide RDT&E, DARPA, PE 0603285E, HyperSoar	immary (\$: FY 2002 Actual	n Thousand FY 2003 Estimate 7,500	Estimate 21,500	FY 2005 Estimate 25,000	FY 2006 Estimate 40,000	FY 2007 Estimate 50,000	FY 2008 Estimate 50,000	FY 2009 Estimate 50,000	Cost to Complete Continuing	<u>Total Cost</u> TBD
(U)	E. Acquisition Strategy A joint Air Force - DARPA progapproaches.	gram office	will execute	these efforts.	The acquis	ition strategy	will consist of	of a mixture of	of sole source	and competitive	award
(U) (U) (U) (U)	F. Schedule Profile Alternative analysis start Begin vehicle design studies Begin flight demonstration plant X = Planned Event	ning				FY 2002 2 3	4 1	<u>FY 2</u> 2	003 3 4	1 2 X X X	<u>7 2004</u> 3 4
F	Project A012				Page 3 o	f 5 Pages				Exhibit R-2 (PE 0604856F)

	RDT&E PROGRAM ELEMENT/PROJECT COST BREAKDOWN (R-3)									DATE February 2003		
BUDGET ACTIVITY 04 - Advanced Component Development and Prototy (ACD&P)						SER AND TITLE 56F Comm	on Aero \			PROJECT A012		
(U)	A. Project Cost Breakdown	n (\$ in Thousan	<u>ds</u>)					2002	EV 200	20	EW 2004	
(U) (U) (U) (U)	Alternative analysis Concept designs Flight demonstration plannin Total	ng					<u>FY</u> .	<u>2002</u>	FY 200	<u>13</u>	FY 2004 2,040 9,380 800 12,220	
(U)	B. Budget Acquisition History	ory and Plannii	<u>ng Informatio</u>	on (\$ in Thousand	<u>ls)</u>							
(U)	Performing Organizations: Contractor or Government Performing Activity Product Development Organ Joint AF-DARPA Program Office Support and Management Or N/A Test and Evaluation Organization N/A	Contract Method/Type or Funding Vehicle izations various rganizations	Award or Obligation Date various	Performing Activity EAC TBD	Project Office EAC TBD	Total Prior to FY 2002	Budget FY 2002	Budget FY 2003	Budget FY 2004 12,220	Budget to Complete Continuing	<u>Total</u> <u>Program</u> TBD	
(U)	Item Description Product Development Proper None Support and Management Pro None	Contract Method/Type or Funding Vehicle	Award or Obligation Date	<u>Delivery</u> <u>Date</u>		Total Prior to FY 2002	Budget FY 2002	Budget FY 2003	<u>Budget</u> <u>FY 2004</u>	Budget to Complete	<u>Total</u> Program	
F	roject A012			Pag	e 4 of 5 Pag	ges			Exhib	it R-3 (PE (0604856F)	

	RDT&E PROGRAM ELEMENT/PROJECT C	F	February 2003				
	Advanced Component Development and Prototypes &P)	PE NUMBER AND TITLE 0604856F Comm	on Aero \		PROJECT A012		
(U) Go Te No Su Su Su Su	overnment Furnished Property Continued: est and Evaluation Property one abtotals abtotal Product Development abtotal Support and Management abtotal Test and Evaluation otal Project	Total Prior to FY 2002	Budget FY 2002	Budget FY 2003	Budget FY 2004 12,220	Budget to Complete TBD TBD	<u>Tota</u> <u>Prograi</u> TBI
Proi:	ect A012 Pag	ge 5 of 5 Pages			Exhib	it R-3 (PE 06	04856F)