

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)						DATE FEBRUARY 2006																																								
APPROPRIATION / BUDGET ACTIVITY RDT&E, DEFENSE-WIDE / 7			R-1 ITEM NOMENCLATURE / PROJECT NO. PE 1160428BB Unmanned Vehicles (UV)/S850																																											
COST (Dollars in Millions)	FY05	FY06	FY07	FY08	FY09	FY10	FY11		Cost to Complete	Total Cost																																				
PE1160428BB			1.521	18.254	17.632	18.501	19.532		Cont.	Cont.																																				
S850, Unmanned Vehicles			1.521	18.254	17.632	18.501	19.532		Cont.	Cont.																																				
<p><i>A new program element was established beginning in FY 2007 to consolidate Unmanned Vehicles (UV) development. FY 2007-2011 resources were moved from PE 1160408BB, project S500A.</i></p> <p>A. Mission Description and Budget Item Justification: This program element provides for development, integration, and testing of UVs. Develops evolutionary technology insertions and upgrades.</p> <p>B. Program Change Summary:</p> <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th style="text-align: center;"><u>FY2005</u></th> <th style="text-align: center;"><u>FY2006</u></th> <th style="text-align: center;"><u>FY2007</u></th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Current President's Budget</td> <td></td> <td></td> <td style="text-align: center;">1.521</td> </tr> <tr> <td>Total Adjustments</td> <td></td> <td></td> <td style="text-align: center;">1.521</td> </tr> <tr> <td>Congressional Program Reductions</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Congressional Rescissions</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Congressional Increases</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Reprogrammings</td> <td></td> <td></td> <td style="text-align: center;">1.521</td> </tr> <tr> <td>SBIR Transfer</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Funding: FY 2007 funds were reprogrammed from PE 1160408BB. Schedule: None. Technical: None.</p>												<u>FY2005</u>	<u>FY2006</u>	<u>FY2007</u>	Previous President's Budget				Current President's Budget			1.521	Total Adjustments			1.521	Congressional Program Reductions				Congressional Rescissions				Congressional Increases				Reprogrammings			1.521	SBIR Transfer			
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		Exhibit R-2a, RDT&E Project Justification				Date: FEBRUARY 2006	
Appropriation/Budget Activity RDT&E BA # 7			Unmanned Vehicles (U)/Project S850				

Cost (\$ in millions)	FY05	FY06	FY07	FY08	FY09	FY10	FY11
UV			1.521	18.254	17.362	18.501	19.352
RDT&E Articles Quantity							

A. Mission Description and Budget Item Justification: This project provides for development, integration, and testing of UVs. Develops evolutionary technology insertions and upgrades.

B. Accomplishments/Planned Program

	FY05	FY06	FY07	
Rucksack Portable Unmanned Aerial System (RPUAS)			1.521	
RDT&E Articles Quantity				

FY07 Support Command, Control, and Communications (digital datalink, miniaturization), special operations unique payload, targeting, simulation and training tool, and platform optimization development efforts required to upgrade the baseline RPUAS.

C. Other Program Funding Summary:

	<u>FY05</u>	<u>FY06</u>	<u>FY07</u>	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	To <u>Complete</u>	Total <u>Cost</u>
Proc, UV			20.700	20.189	4.906	6.832	6.969	Cont.	Cont.

D. Acquisition Strategy: Preplanned product improvements to be implemented as evolutionary upgrades to the RPUAS.

Exhibit R-3 COST ANALYSIS					DATE: February 2006						
APPROPRIATION / BUDGET ACTIVITY				Program Element 1160428BB/Unmanned Vehicles (UV)							
RDT&E DEFENSE-WIDE / 7				Project Name and Number UV/S850							
Actual or Budget Value (\$ in millions)											
Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY06 Budget Cost	FY06 Award Date	FY07 Budget 0	FY07 Award Date			To Complete	Total Program
Primary Hardware Development	TBD	Natick Army Soldier Center, Natick, MA				0.750	TBD			Cont	Cont
Ancillary Hardware Development	TBD	Natick Army Soldier Center, Natick, MA				0.250	TBD			Cont	Cont
Subtotal Product Dev			0.000	0.000		1.000					
Remarks:											
Development Support Software Development	TBD	TBD				0.521	TBD			Cont	Cont
Subtotal Spt			0.000	0.000		0.521		0.000			
Remarks:											
Developmental Test & Evaluation											
Subtotal T&E			0.000	0.000		0.000		0.000			
Remarks:											
Contractor Engineering Support											
Subtotal Management			0.000	0.000		0.000		0.000			
Remarks:											
Total Cost			0.000	0.000		1.521		0.000		Cont	Cont
Remarks:											

Exhibit R-4, Schedule Profile														Date: February 2006																
Appropriation/Budget Activity					Program Element Number and Name														Project Number and Name											
RDT&E, Defense-Wide/7					PE1160428BB/Unmanned Vehicles (UV)														Project S850/UV											
Fiscal Year	2005				2006				2007				2008				2009				2010				2011					
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4		
Block II, Rucksack Portable Unmanned Aerial System (RPUAS) Design (BlockII)					△	—			△																					
Development									△	—			△																	
Integration													△	—		△														
Testing															△	—		△												
Block III, RPUAS Design																	△	—			△									
Development																					△	—			△					
Integration																									△	—		△		
Testing																											△	—		△

