

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 0304210BB Special Applications for Contingencies (SAFC)/9999																																											
COST (Dollars in Millions)	FY05	FY06	FY07	FY08	FY09	FY10	FY11		Cost to Complete	Total Cost																																				
PE0304210BB	21.526	20.815	11.302	15.687	16.247	16.747	16.794		Cont.	Cont.																																				
9999.PR SAFC	21.526	20.815	11.302	15.687	16.247	16.747	16.794		Cont.	Cont.																																				
<p>A. Mission Description and Budget Item Justification: The Special Applications for Contingencies (SAFC) Program develops and deploys special capabilities to perform intelligence surveillance and reconnaissance (ISR) for deployed Special Operations Forces (SOF) using non-traditional means. It provides a mechanism for SOF user combat evaluation of emerging technologies capable of detecting and locating fleeting targets. SAFC applies focused R&amp;D for relatively low cost solutions to provide remotely controlled system emplacement and data exfiltration from denied areas. This program also specifically addresses short lead-time contingency planning requirements where focused R&amp;D will allow for test and evaluation of leading edge solutions to an emergent problem set based on requirements validated through a specific Joint Staff/OSD chartered approval process.</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>FY05</u></th> <th style="text-align: center;"><u>FY06</u></th> <th style="text-align: center;"><u>FY07</u></th> </tr> </thead> <tbody> <tr> <td>Previous President's Budget</td> <td style="text-align: center;">21.527</td> <td style="text-align: center;">21.116</td> <td style="text-align: center;">21.144</td> </tr> <tr> <td>Current President's Budget</td> <td style="text-align: center;">21.526</td> <td style="text-align: center;">20.815</td> <td style="text-align: center;">11.302</td> </tr> <tr> <td>Total Adjustments</td> <td style="text-align: center;">-0.001</td> <td style="text-align: center;">-0.301</td> <td style="text-align: center;">-9.842</td> </tr> <tr> <td>    Congressional Program Reductions</td> <td></td> <td style="text-align: center;">-0.301</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 style="text-align: center;">-0.001</td> <td></td> <td style="text-align: center;">-9.842</td> </tr> <tr> <td>SBIR Transfer</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												<u>FY05</u>	<u>FY06</u>	<u>FY07</u>	Previous President's Budget	21.527	21.116	21.144	Current President's Budget	21.526	20.815	11.302	Total Adjustments	-0.001	-0.301	-9.842	Congressional Program Reductions		-0.301		Congressional Rescissions				Congressional Increases				Reprogrammings	-0.001		-9.842	SBIR Transfer			
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APPROPRIATION / BUDGET ACTIVITY RDT&E, DEFENSE-WIDE / 7	R-1 ITEM NOMENCLATURE / PROJECT NO. PE 0304210BB Special Applications for Contingencies (SAFC)/9999	
<p>Funding:</p> <p>FY05</p> <ul style="list-style-type: none"> <li>- Funds decreased for adjustment in the Department of Energy Tax (-\$0.001 million).</li> </ul> <p>FY06</p> <ul style="list-style-type: none"> <li>- Congressional reductions include (-\$0.210 million) for global 1% reduction and (-\$0.091million) for Section 8125 reduction.</li> </ul> <p>FY07</p> <ul style="list-style-type: none"> <li>- Increased funds (+\$0.158 million) for inflation rate changes.</li> <li>- Funds reprogrammed to higher Command priorities (-\$10.000 million).</li> </ul> <p>Schedule: None.</p> <p>Technical: None.</p>		

Exhibit R-2a, RDT&E Project Justification		Date: FEBRUARY 2006
Appropriation/Budget Activity RDT&E BA # 7	Special Applications for Contingencies/Project 9999	

Cost (\$ in millions)	FY05	FY06	FY07	FY08	FY09	FY10	FY11
Special Applications for Contingencies	21.526	20.815	11.302	15.687	16.247	16.747	16.794
RDT&E Articles Quantity							

A. Mission Description and Budget Item Justification: The Special Applications for Contingencies (SAFC) Program develops and deploys special capabilities to perform intelligence surveillance and reconnaissance (ISR) for deployed Special Operations Forces (SOF) using non-traditional means. It provides a mechanism for SOF user combat evaluation of emerging technologies capable of detecting and locating fleeting targets. SAFC applies focused R&D for relatively low cost solutions to provide remotely controlled system emplacement and data exfiltration from denied areas. This program also specifically addresses short lead-time contingency planning requirements where focused R&D will allow for test and evaluation of leading edge solutions to an emergent problem set based on requirements validated through a specific Joint Staff/OSD chartered approval process.

B. Accomplishments/Planned Program. Made significant improvements to expendable UAV capabilities to include maritime launch and recovery. Developed improvements to long range ground surveillance capabilities and conducted integration research for a networked ISR sensor system.

	FY05	FY06	FY07	
SAFC	21.526	20.815	11.302	
RDT&E Articles Quantity				

FY05 Initiative partially funded by a Congressional add to develop a tactical imagery communications device. Continued development and combat evaluation of selected unmanned delivery platforms and mounted or deliverable ISR sensor systems. Continued to develop, deploy and evaluate advanced auto-pilot technologies. Continued research and development of advanced mobile secure networking and detection technologies to create or enhance deployed, remotely emplaced surveillance architectures. Continued to enhance and evaluate a common ground station. Continued research and assessment of emerging ISR technologies. Continued to research, evaluate and integrate red force tagging, tracking and locating capabilities to enable remote and stand-off emplacement. Additional details are classified.

FY06 Continue development and combat evaluation of selected unmanned delivery platforms and mounted or deliverable ISR sensor systems. Continue to develop, deploy and evaluate advanced auto-pilot technologies. Continue research and development of advanced mobile secure networking and detection technologies to create or enhance deployed, remotely emplaced surveillance architectures. Continue to enhance and evaluate a common ground station. Continue research and assessment of emerging ISR technologies. Continue to research, evaluate and integrate red force tagging, tracking and locating capabilities to enable remote and stand-off emplacement. Additional details are classified.

Exhibit R-2a, RDT&E Project Justification		Date: FEBRUARY 2006
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FY07 Continues development and combat evaluation of selected unmanned delivery platforms and mounted or deliverable ISR sensor systems. Continues to develop, deploy and evaluate advanced auto-pilot technologies. Continues research and development of advanced mobile secure networking and detection technologies to create or enhance deployed, remotely emplaced surveillance architectures. Continues to enhance and evaluate a common ground station. Continues research and assessment of emerging ISR technologies. Additional details are classified.

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, SAFC	15.111	16.289	9.608	12.047	12.505	12.527	12.555	Cont.	Cont.

D. Acquisition Strategy:

- SAFC acquisition strategy is evolutionary and spiral-based for technology insertion and low volume procurement. As a non-standard DOD acquisition program, it allows for maximum flexibility to respond to quickly emerging, short lead time, contingency based requirements that have been approved through an Executive Integrated Product Team chaired by the Joint Staff at national level.

Exhibit R-3 COST ANALYSIS							DATE: FEBRUARY 2006				
APPROPRIATION / BUDGET ACTIVITY				SPECIAL APPLICATIONS FOR CONTINGENCIES PE0304210BB							
RDT&E DEFENSE-WIDE / 7											
Actual or Budget Value (\$ in millions)											
Cost Categories	Contract		Total	Budget	Award	Budget	Award				
(Tailor to WBS, or System/Item Requirements)	Method & Type	Performing Activity & Location	PYs Cost	Cost FY06	Date FY06	Cost FY07	Date FY07			To Complete	Total Program
UAV Capability Development	MIPR	NAVAIR	22.550	10.166	Dec-05	10.200	Dec-06			Cont.	Cont.
ISR Sensor and Networking Development	MIPR	Various	27.437	9.750	Dec-05					Cont.	Cont.
TT&L R&D	MIPR	Various	4.491							Cont.	Cont.
Portable Radar	MIPR	DOE	2.500								2.500
FFRDC Support to SOJICC	MIPR	MITRE CECOM	1.001								1.001
FFRDC Support to SOJICC	MIPR	MITRE ESC	0.330								0.330
Technical Collection R&D	MIPR	ASD C3I	3.252								3.252
Special Comms Devices	MIPR	SAF FMB	1.000							Cont.	Cont.
Biometrics	MIPR	SAF FMB	0.500							Cont.	Cont.
NRT Contingency		Various	5.880	0.899	Various	1.102	Various			Cont.	Cont.
CP - Tactical Imagery Comm	MIPR	TBD	1.632								1.632
Subtotal Product Dev			70.573	20.815		11.302				Cont.	Cont.
Remarks:											
Subtotal Spt											
Remarks:											
Subtotal T&E											
Remarks:											
Subtotal Management											
Remarks:											
Total Cost			70.573	20.815		11.302				Cont.	Cont.
Remarks:											

Exhibit R-4, Schedule Profile										Date: FEBRUARY 2006																							
Appropriation/Budget Activity RDT&E/7														Project Number and Name 9999.PR SAFC																			
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					
TT&L Capabilities Development	△	—	—	△	△	—	—	△																									
TT&L Technology Integration & Testing	△	—	—	△	△	—	—	△																									
TT&L Prototype Demonstrations	△	—	—	△	△	—	—	△																									
TT&L Combat Evaluation	△	—	—	△	△	—	—	△																									
UV and ISR Capabilities Development	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△					
UV and ISR Technology Integration & Testing	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△					
UV and ISR Prototype Demonstrations	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△					
UV and ISR Combat Evaluation	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△	△	—	—	△					

