

UNCLASSIFIED

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)					DATE FEBRUARY 2004				
APPROPRIATION / BUDGET ACTIVITY RDT&E, DEFENSE-WIDE / 7			R-1 ITEM NOMENCLATURE / PROJECT NO. PE 0304210BB Special Applications for Contingencies (SAFC)						

COST (Dollars in Millions)	FY03	FY04	FY05	FY06	FY07	FY08	FY09	Cost to Complete	Total Cost
PE0304210BB	22.782	23.764	20.758	20.700	20.680	24.870	25.385	Cont.	Cont.
9999.PR SAFC	22.782	23.764	20.758	20.700	20.680	24.870	25.385	Cont.	Cont.

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. Program Change Summary:

	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>
Previous President's Budget	22.817	24.587	24.511
Current President's Budget	22.782	23.764	20.758
Total Adjustments	-0.035	-0.823	-3.753
Congressional Program Reductions		-0.261	
Congressional Rescissions			
Congressional Increases			
Reprogrammings	-0.035		-3.753
SBIR Transfer		-0.562	

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)	DATE FEBRUARY 2004
APPROPRIATION / BUDGET ACTIVITY RDT&E, DEFENSE-WIDE / 7	R-1 ITEM NOMENCLATURE / PROJECT NO. PE 0304210BB Special Applications for Contingencies (SAFC)
<p>Funding:</p> <p>FY03 - Funds were reprogrammed to support higher command priorities.</p> <p>FY04 - Funds were reduced for congressional pro rata reductions in the FY 2004 Appropriations Conference Report and for program share of Small Business Innovative Research calculation.</p> <p>FY05 - Funds were transferred to support the Defense Human Intelligence Program (-\$3.7M). Funds were also adjusted based on current inflation factors (-\$.053M).</p> <p>Schedule: None.</p> <p>Technical: None.</p>	

<b>Exhibit R-2a, RDT&amp;E Project Justification</b>		Date: FEBRUARY 2004
Appropriation/Budget Activity RDT&E BA # 7	Special Applications for Contingencies/Project 9999	

Cost (\$ in millions)	FY03	FY04	FY05	FY06	FY07	FY08	FY09
Special Applications for Contingencies	22.782	23.764	20.758	20.700	20.680	24.870	25.385
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**

	FY03	FY04	FY05
SAFC	22.782	23.764	20.758
RDT&E Articles Quantity			

FY03 Developed, deployed and evaluated selected unmanned delivery platforms and mounted or deliverable ISR sensor systems. Developed, deployed and evaluated advanced auto-pilot technologies. Performed research on advanced mobile secure networking and detection technologies to create or enhance deployed, remotely emplaced surveillance architectures. Developed and evaluated a common ground station. Researched and assessed emerging ISR technologies. Researched, evaluated and integrated red force tagging, tracking and locating capabilities to enable remote and stand-off emplacement. Conducted Federally Funded Research and Development in support of a Joint Staff approved requirement for data mining.

FY04 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.

FY05 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

<b>Exhibit R-2a, RDT&amp;E Project Justification</b>		Date: FEBRUARY 2004
Appropriation/Budget Activity RDT&E BA # 7	Special Applications for Contingencies/Project 9999	

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.

C. Other Program Funding Summary:

	FY03	FY04	FY05	FY06	FY07	FY08	FY09	To Complete	Total Cost
SAFC	18.166	18.133	16.184	16.144	16.152	18.447	18.849	N/A	N/A

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 2004					
APPROPRIATION / BUDGET ACTIVITY				SPECIAL APPLICATIONS FOR CONTINGENCIES PE0304210BB/C3I							
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 FY04	Date FY04	Cost FY05	Date FY05			To Complete	Total Program
UAV Capability Development	MIPR	NAVAIR	9.850	6.800	Dec-03	9.800	Dec-04			Cont.	Cont.
Remotely Delivered Sensor and Networking Development	MIPR	NAVAIR	8.145	9.900	Dec-03	9.800	Dec-04			Cont.	Cont.
TT&L R&D	MIPR	Various	1.991	2.500							
FFRDC Support to SOJICC	MIPR	MITRE CECOM	1.001								
FFRDC Support to SOJICC	MIPR	MITRE ESC	0.330								
Technical Collection R&D	MIPR	ASD C3I	1.152	2.100							
NRT Contingency		Various	0.313	2.464	TBD	1.158	TBD				
Subtotal Product Dev			22.782	23.764		20.758				Cont.	Cont.
Remarks:											
Subtotal Spt			0.000	0.000		0.000			0.000		Cont.
Remarks:											
Subtotal T&E			0.000			0.000			0.000		Cont.
Remarks:											
Subtotal Management			0.000	0.000		0.000			0.000	Cont.	Cont.
Remarks:											
Total Cost			22.782	23.764		20.758			0.000	Cont.	Cont.



