

RDT&E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)	DATE MAY 2009
---	------------------

APPROPRIATION / BUDGET ACTIVITY RDT&E, DEFENSE-WIDE / 7	R-1 ITEM NOMENCLATURE / PROJECT NO. PE 1160476BB SOF Tactical Radio Systems/S725
--	---

COST (Dollars in Millions)	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	Cost to Complete	Total Cost
PE1160476BB			2.368						Cont.	Cont.
S725 SOF Tactical Radio Systems			2.368						Cont.	Cont.

A. Mission Description and Budget Item Justification: The Special Operations Forces (SOF) Tactical Radio Systems program element is for development of all SOF radio programs. The SOF mission mandates that SOF systems remain technologically superior to any threat to provide a maximum degree of survivability. SOF units require radio communication equipment that improves their warfighting capability without degrading their mobility.

United States Special Operations Command has developed an overall strategy to ensure that Tactical Radio Systems continue to provide SOF with the required capabilities throughout the 21st century. The Tactical Radios provide the critical Command, Control, and Communication link between SOF Commanders and SOF Teams involved in overseas contingency operations (OCO) and training exercises. They also provide interoperability with all Services, various agencies of the U.S. Government, Air Traffic Control, commercial agencies, and allied foreign forces. Tactical Radios rapidly and seamlessly establish and maintain mobile and fixed Command and Control communications between infiltrated/operational elements and higher echelon headquarters, allowing SOF to operate with any force combination in multiple environments.

APPROPRIATION / BUDGET ACTIVITY
RDT&E, DEFENSE-WIDE / 7

R-1 ITEM NOMENCLATURE / PROJECT NO.
PE 1160476BB SOF Tactical Radio Systems/S725

B. Program Change Summary:

	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>
Previous President's Budget				
Current President's Budget			2.368	
Total Adjustments			2.368	
Congressional Program Reductions				
Congressional Increases				
Reprogrammings				
Other Program Adjustments			2.368	

Funding:

FY10: Net increase of \$2.368 million develops and upgrade to tactical radios (\$2.401 million) and a decrease for economic assumptions (-\$0.033 million).

Schedule: None

Technical: None

Exhibit R-2a, RDT&E Project Justification		Date: MAY 2009
Appropriation/Budget Activity RDT&E BA # 7	SOF Tactical Radio Systems/Project S725	

Cost (\$ in million)	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15
SOF Tactical Radio Systems			2.368					
RDT&E Articles Quantity								

A. MISSION AND DESCRIPTION: The SOF Tactical Radio Systems project is for development of all SOF radio programs. The SOF mission mandates that SOF systems remain technologically superior to any threat to provide a maximum degree of survivability. SOF units require radio communication equipment that improves their warfighting capability without degrading their mobility. Sub-project:

- Special Mission Radio System (SMRS). Effort develops Low Probability of Intercept/Low Probability of Detection (LPI/LPD) waveforms for SOCOM tactical radio application.

B. Accomplishments/Planned Program

Cost (\$ in million)	FY08	FY09	FY10	FY11
SMRS			2.368	
RDT&E Articles Quantity				

FY10 Develops LPI/LPD transceiver board upgrades and waveforms for SOCOM tactical radio application.

C. Other Program Funding Summary:

	<u>FY08</u>	<u>FY09</u>	<u>FY10</u>	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>	To Complete Cont.	Total Cost Cont.
PROC, Tactical Radios		23.497	53.034							
PROC, Comm/Equip & Electronics	173.537	73.004	55.080							

D. Acquisition Strategy:

- SMRS LPI/LPD transceiver board upgrades and waveform development will continue under Technical Support Group management and oversight.

APPROPRIATION / BUDGET ACTIVITY RDT&E DEFENSE-WIDE / 7	SOF Tactical Radio Systems/PE1160476BB	SOF Tactical Radio Systems/S725
---	--	---------------------------------

Actual or Budget Value (\$ in millions)

Cost Categories (Tailor to WBS, or System/Item Requirements)	Contract Method & Type	performing Activity & Location	Total PYs Cost	Budget Cost FY09	Award Date FY09	Budget Cost FY10	Award Date FY10	Budget Cost FY11	Award Date FY11	To Complete	Total Program
Primary Hardware Development Special Mission Radio System	TBD	TBD				2.368	Jan-10				2.368
Subtotal Product Development						2.368					2.368

Remarks:

Developmental Test & Evaluation (T & E)											
Subtotal T&E											

Remarks:

Contractor Engineering Support											
Subtotal Management											

Remarks:

Total Cost						2.368					2.368
------------	--	--	--	--	--	-------	--	--	--	--	-------

Remarks:

