

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)

**May 2009**

BUDGET ACTIVITY <b>7 - Operational system development</b>		PE NUMBER AND TITLE <b>0702239A - Avionics Component Improvement Program</b>			
COST (In Thousands)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	Cost to Complete	Total Cost
C92 AVIONICS COMPONENT ANALYSIS	989	1019			2008

**A. Mission Description and Budget Item Justification:** The Avionics Component Improvement Program (AvCIP) is a Joint Services initiative to combat parts obsolescence, improve reliability, safety and accelerate technology infusion into avionics programs.

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BUDGET ACTIVITY	PE NUMBER AND TITLE		
<b>7 - Operational system development</b>	<b>0702239A - Avionics Component Improvement Program</b>		
<b><u>B. Program Change Summary</u></b>	FY 2008	FY 2009	FY 2010
Previous President's Budget (FY 2009)	1017	1023	
Current BES/President's Budget (FY 2010)	989	1019	
Total Adjustments	-28	-4	
Congressional Program Reductions		-4	
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer	-28		
Adjustments to Budget Years			

# ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2a Exhibit)

**May 2009**

<b>BUDGET ACTIVITY</b> <b>7 - Operational system development</b>		<b>PE NUMBER AND TITLE</b> <b>0702239A - Avionics Component Improvement Program</b>			<b>PROJECT</b> <b>C92</b>
COST (In Thousands)	FY 2008 Actual	FY 2009 Estimate	FY 2010 Estimate	Cost to Complete	Total Cost
C92 AVIONICS COMPONENT ANALYSIS	989	1019			2008

**A. Mission Description and Budget Item Justification:** The Avionics Component Improvement Program (AvCIP) is a Joint Services initiative to combat parts obsolescence, improve reliability, safety and accelerate technology infusion into avionics programs.

<u>Accomplishments/Planned Program:</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>
Determine critical avionics (communications, navigation, surveillance, sensors, combat identification, mission planning, and interoperability) deficiencies, prioritize and conduct initial technology improvements effort.	637	581	
Identify software techniques and opportunities associated with open system architectures targeted to reduce initial and recurring avionics integration costs.	300	335	
Continue Program Management Support	52	75	
Small Business Innovative Research/Small Business Technology Transfer (SBIR/STTR) Reduction		28	
<b>Total</b>	<b>989</b>	<b>1019</b>	

**B. Other Program Funding Summary** Not applicable for this item.

**C. Acquisition Strategy** The Acquisition Strategy is to identify emerging avionics performance and obsolescence problems. AvCIP is an initiative that enables streamlined management of present-day common avionics/electronics critical readiness degraders, technology insertion opportunities and cost reduction solutions. The program will annually compete candidate solutions according to criticality of operational contribution, technical risk, return on investment, commonality and breadth of application across multiple platforms.