

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)								February 2006	
BUDGET ACTIVITY 7 - Operational system development			PE NUMBER AND TITLE 0702239A - Avionics Component Improvement Program					PROJECT C92	
COST (In Thousands)	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total Cost
C92 AVIONICS COMPONENT ANALYSIS	954	980	1031	1032	1032	0	0	0	5029
<u>A. Mission Description and Budget Item Justification:</u> The Avionics Component Improvement Program (AvCIP) is a Joint Services initiative to combat parts obsolescence and accelerate technology infusion into avionics programs.									
<u>Accomplishments/Planned Program</u>						<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	
Determine critical avionics (communications, navigation, surveillance, sensors, combat identification, mission planning, and interoperability) deficiencies, prioritize and conduct initial technology improvements effort.						600	600	610	
Identify software techniques and opportunities associated with open system architectures targeted to reduce initial and recurring avionics integration costs.						306	333	370	
Continue Program Management Support						48	47	51	
Total						954	980	1031	

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<u>B. Program Change Summary</u>	FY 2005	FY 2006	FY 2007	
Previous President's Budget (FY 2006)	955	994	1016	
Current BES/President's Budget (FY 2007)	954	980	1031	
Total Adjustments	-1	-14	15	
Congressional Program Reductions		-10		
Congressional Rescissions		-4		
Congressional Increases				
Reprogrammings	-1			
SBIR/STTR Transfer				
Adjustments to Budget Years			15	
<u>D. Acquisition Strategy</u> 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.				

ARMY RDT&E COST ANALYSIS (R3)										February 2006		
BUDGET ACTIVITY 7 - Operational system development				PE NUMBER AND TITLE 0702239A - Avionics Component Improvement Program						PROJECT C92		
I. Product Development	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Determine critical avionics deficiencies and initiate technology improvement efforts.	Various	AMCOM, Redstone Arsenal, AL	0	600	1-3Q	600	1-3Q	610	1-3Q	Continue	Continue	Continue
Identify SW techniques and opportunities associated w/open system architectures in reduction of cost	Various	AMCOM, Redstone Arsenal, AL	0	306	1-3Q	333	1-3Q	370	1-3Q	Continue	Continue	Continue
Subtotal:			0	906		933		980		Continue	Continue	Continue
II. Support Costs	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0									
III. Test And Evaluation	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
Subtotal:			0									
IV. Management Services	Contract Method & Type	Performing Activity & Location	Total PYs Cost	FY 2005 Cost	FY 2005 Award Date	FY 2006 Cost	FY 2006 Award Date	FY 2007 Cost	FY 2007 Award Date	Cost To Complete	Total Cost	Target Value of Contract
PM Spt (AVCIP)	MIPR	LCMC, AL/PM AME, AL	0	48	1-4Q	47	1-4Q	51	1-4Q	Continue	Continue	Continue
Subtotal:			0	48		47		51		Continue	Continue	Continue

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Project Total Cost:			0	954		980		1031		Continue	Continue	Continue

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Schedule Detail (R4a Exhibit)						February 2006	
BUDGET ACTIVITY 7 - Operational system development			PE NUMBER AND TITLE 0702239A - Avionics Component Improvement Program			PROJECT C92	
<u>Schedule Detail</u>	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>	<u>FY 2008</u>	<u>FY 2009</u>	<u>FY 2010</u>	<u>FY 2011</u>
Determine critical avionics deficiencies and inititate technology improvement efforts.	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q		
Identify SW techniques and opportunities associated w/open system architectures in reduction of cost	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q		
Continue Program Management Support	1-4Q	1-4Q	1-4Q	1-4Q	1-4Q		