

ARMY RDT&E BUDGET ITEM JUSTIFICATION (R2 Exhibit)							February 2005			
BUDGET ACTIVITY 7 - Operational system development				PE NUMBER AND TITLE 0702239A - Avionics Component Improvement Program				PROJECT C92		
COST (In Thousands)	FY 2004 Actual	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	0	955	994	1016	1017	1016	0	0	0	4998
<p><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.</p>										
<u>Accomplishments/Planned Program</u>						FY 2004	FY 2005	FY 2006	FY 2007	
Determine critical avionics (communications, navigation, surveillance, sensors, combat identification, mission planning, and interoperability) deficiencies, prioritize and conduct initial technology improvements effort.						0	600	600	610	
Identify software techniques and opportunities associated with open system architectures targeted to reduce initial and recurring avionics integration costs.						0	305	347	355	
Continue Program Management Support						0	50	47	51	
Totals						0	955	994	1016	

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C92**B. Program Change Summary**

	FY 2005	FY 2006	FY 2007
Previous President's Budget (FY 2005)	997	997	998
Current Budget (FY 2006/2007 PB)	955	994	1016
Total Adjustments	-42	-3	18
Net of Program/Database Changes			
Congressional Program Reductions	-15		
Congressional Rescissions			
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer	-27		
Adjustments to Budget Years		-3	18

C. Other Program Funding Summary: Not applicable for this item.

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<p><u>D. Acquisition Strategy:</u> The Acquisition Strategy is to identify emerging avionics performance and obsolescence problems. This initiative will reduce solution cycle time, reduce costs and program disruption, promote Interoperability and achieve commonality efficiencies.</p>		

ARMY RDT&E COST ANALYSIS(R3)									February 2005			
BUDGET ACTIVITY					PE NUMBER AND TITLE					PROJECT		
7 - Operational system development					0702239A - Avionics Component Improvement Program					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
a . Determine critical avionics deficiencies and initiate technology improvement efforts.	Various	AMCOM	0	600	1-3Q	600	1-3Q	610	1-3Q	Continue	Continue	Continue
b . Identify SW techniques and opportunities associated w/open system architectures in reduction of cost	Various	AMCOM	0	305	1-3Q	347	1-3Q	355	1-3Q	Continue	Continue	Continue
Subtotal:			0	905		947		965		Continue	Continue	Continue
II. Support Cost	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	0		0		0		0	0	0

ARMY RDT&E COST ANALYSIS(R3)									February 2005				
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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	
			0	0		0		0		0	0	0	
Subtotal:													
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	
a . PM Spt (AVCIP)	MIPR	AMCOM, AL/PM AME, AL	0	50	1-4Q	47	1-4Q	51	1-4Q	Continue	Continue	Continue	
			0	50		47		51		Continue	Continue	Continue	
Subtotal:													
Project Total Cost:													
			0	955		994		1016		Continue	Continue	Continue	

Schedule Profile (R4 Exhibit)	
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February 2005

BUDGET ACTIVITY

PE NUMBER AND TITLE

PROJECT

7 - Operational system development

0702239A - Avionics Component Improvement

PROJECT C92

[illegible]

Schedule Detail (R4a Exhibit)							February 2005	
BUDGET ACTIVITY 7 - Operational system development				PE NUMBER AND TITLE 0702239A - Avionics Component Improvement Program				PROJECT C92
<u>Schedule Detail</u>	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011
Determine critical avionics deficiencies and initiate 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		