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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Army									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 2040: Research, Development, Test & Evaluation, Army BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0702239A: Avionics Component Improvement Program							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	0.991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0	.991
C92: AVIONICS COMPONENT ANALYSIS	0.991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
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.											
B. Program Change Summary (\$ in Millions)											
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total						
Previous President's Budget	1.019	0.000	0.000	0.000	0.000						
Current President's Budget	0.991	0.000	0.000	0.000	0.000						
Total Adjustments	-0.028	0.000	0.000	0.000	0.000						
• Congressional General Reductions		0.000									
• Congressional Directed Reductions		0.000									
• Congressional Rescissions	0.000	0.000									
• Congressional Adds		0.000									
• Congressional Directed Transfers		0.000									
• Reprogrammings	0.000	0.000									
• SBIR/STTR Transfer	-0.028	0.000									

UNCLASSIFIED

R-1 Line Item #183

Page 1 of 5

866 of 897

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2011 Army								DATE: February 2010			
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COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
C92: <i>AVIONICS COMPONENT ANALYSIS</i>	0.991	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
Quantity of RDT&E Articles											
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.											
B. Accomplishments/Planned Program (\$ in Millions)											
							FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #1 Determine critical avionics (communications, navigation, surveillance, sensors, combat identification, mission planning, and interoperability) deficiencies, prioritize and conduct initial technology improvements effort. <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO							0.733	0.000	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #183

Page 2 of 5

867 of 897

UNCLASSIFIED

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B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Program #2 Identify software techniques and opportunities associated with open system architectures targeted to reduce initial and recurring avionics integration costs. FY 2009 Accomplishments: FY 2009 FY 2010 Plans: FY 2010 FY 2011 Base Plans: FY 2011 Base FY 2011 OCO Plans: FY 2011 OCO	0.183	0.000	0.000	0.000	0.000
Program #3 Continue Program Management Support FY 2009 Accomplishments: FY 2009 FY 2010 Plans: FY 2010 FY 2011 Base Plans: FY 2011 Base	0.075	0.000	0.000	0.000	0.000

UNCLASSIFIED

R-1 Line Item #183

Page 3 of 5

868 of 897

UNCLASSIFIED

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<u>B. Accomplishments/Planned Program (\$ in Millions)</u>					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<i>FY 2011 OCO Plans:</i> FY 2011 OCO					
Program #4 Small Business Innovative Research/Small Business Technology Transfer (SBIR/STTR) Reduction <i>FY 2009 Accomplishments:</i> FY 2009 <i>FY 2010 Plans:</i> FY 2010 <i>FY 2011 Base Plans:</i> FY 2011 Base <i>FY 2011 OCO Plans:</i> FY 2011 OCO	0.000	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals	0.991	0.000	0.000	0.000	0.000
<u>C. Other Program Funding Summary (\$ in Millions)</u> N/A					
<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.					

UNCLASSIFIED

R-1 Line Item #183

Page 4 of 5

869 of 897

UNCLASSIFIED

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<u>E. Performance Metrics</u> Performance metrics used in the preparation of this justification material may be found in the FY 2010 Army Performance Budget Justification Book, dated May 2010.		

UNCLASSIFIED

R-1 Line Item #183

Page 5 of 5

870 of 897