

## UNCLASSIFIED

## RDT&amp;E BUDGET ITEM JUSTIFICATION SHEET (R-2 Exhibit)

DATE

February 2003

BUDGET ACTIVITY

03 - Advanced Technology Development (ATD)

PE NUMBER AND TITLE

0207423F Advanced Communications Systems

PROJECT

5084

COST (\$ in Thousands)	FY 2002 Actual	FY 2003 Estimate	FY 2004 Estimate	FY 2005 Estimate	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	Cost to Complete	Total Cost
5084 AJCN	0	0	12,053	12,083	972	971	0	0	Continuing	TBD
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0	0

In FY04, efforts were transferred from PE 27423F, Advanced Communications Systems, Project 675084, AJCN to this PE, BPAC 645084, AJCN.

(U) **A. Mission Description**

The Adaptive Joint Command, Control, Communications and Computing, Intelligence, Surveillance and Reconnaissance (C4ISR) Node Advanced Concept Technology Demonstration (ACTD) is developing software programmable Radio Frequency (RF) payloads designed to support Information Superiority. AJCN is an open, Commercial-Off-The-Shelf (COTS) based system that can be remotely programmed on the fly to perform a variety of functions simultaneously: air-to-air assured interopreable communications, electronic warfare (EW), signals intelligence (SIGINT), and computer network operations (CNO). AJCN addresses numerous Mission Needs Statements (MNS), Operational Requirements Documents (ORD), and the Combatant Commanders Integrated Priority Lists (IPL) related to communications, intelligence and Information Operations (IO).

(U) **FY 2002 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program  
 (U) \$0 No Activity  
 (U) \$0 Total

(U) **FY 2003 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program  
 (U) \$0 No Activity  
 (U) \$0 Total

(U) **FY 2004 (\$ in Thousands)**

(U) \$0 Accomplishments/Planned Program  
 (U) \$11,374 System Engineering and integration.  
 (U) \$586 Field evaluation/Military Utility Assessment  
 (U) \$93 Contingency Operations (CONOPS)/TTP Development and Test  
 (U) \$0 No Activity

Project 5084

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**5084**(U) **A. Mission Description Continued**(U) **FY 2004 (\$ in Thousands) Continued**

(U) \$12,053 Total

(U) **B. Budget Activity Justification**

This program is in Budget Activity 3, Advanced Technology Development, since it develops and demonstrates technologies to enhance Air Force operational systems.

(U) **C. Program Change Summary (\$ in Thousands)**

	<u>FY 2002</u>	<u>FY 2003</u>	<u>FY 2004</u>	<u>Total Cost</u>
(U) Previous President's Budget	0	0	0	
(U) Appropriated Value				
(U) Adjustments to Appropriated Value				
a. Congressional/General Reductions				
b. Small Business Innovative Research				
c. Omnibus or Other Above Threshold Reprogram				
d. Below Threshold Reprogram				
e. Rescissions				
(U) Adjustments to Budget Years Since FY 2003 PBR			12,053	
(U) Current Budget Submit/FY 2004 PBR			12,053	TBD
(U) <u>Significant Program Changes:</u>				

(U) **D. Other Program Funding Summary (\$ in Thousands)**

(U) Army

(U) DARPA

(U) **E. Acquisition Strategy**

All major contracts within this Program Element and Budget Project Activity Code (BPAC) will be awarded after full and open competition.

(U) **F. Schedule Profile**

(U) Not Applicable.

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