

UNCLASSIFIED

PE NUMBER: 0603400F

PE TITLE: J-UCAS Joint Program Office

Exhibit R-2, RDT&E Budget Item Justification

DATE

February 2006

BUDGET ACTIVITY

03 Advanced Technology Development (ATD)

PE NUMBER AND TITLE

0603400F J-UCAS Joint Program Office

Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
Total Program Element (PE) Cost	0.000	76.691	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5067 Unmanned Combat Air Vehicle Tech Demo	0.000	76.691	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Note: In FY06, the Joint Unmanned Combat Air Systems (J-UCAS) program was transferred from the Defense Advanced Research Projects Agency (DARPA) to be a joint Air Force/Navy program. The J-UCAS program is being terminated and \$1,830.5M is being realigned to PE0604402N in FY07-11.

(U) **A. Mission Description and Budget Item Justification**

The Joint Unmanned Combat Air Systems (J-UCAS) is a joint Air Force/Navy Capabilities Demonstration Program (CDP) to mature technologies to investigate the technical feasibility and operational value of unmanned combat air vehicles to provide the capability for high-threat Suppression of Enemy Air Defenses (SEAD), Electronic Attack, Strike/Persistent Ground Attack and carrier based Persistent Intelligence, Surveillance and Reconnaissance (ISR) missions. The program will demonstrate capabilities that support both Services and enable an operational system development decision in the 2012 timeframe.

The 2005 Quadrennial Defense Review (QDR) of the future force requirements for the United States military recommended termination of the J-UCAS CDP. DoD, IAW this recommendation, is terminating the J-UCAS program in FY07.

This is a BA 03 program, Advanced Technology Development, for continued development of the Boeing and Northrop Grumman demonstrator programs, and the development of common systems technology elements.

(U) **B. Program Change Summary (\$ in Millions)**

	<u>FY 2005</u>	<u>FY 2006</u>	<u>FY 2007</u>
(U) Previous President's Budget		77.800	0.000
(U) Current PBR/President's Budget	0.000	76.691	0.000
(U) Total Adjustments	0.000	-1.109	
(U) Congressional Program Reductions			
Congressional Rescissions		-1.109	
Congressional Increases			
Reprogrammings			
SBIR/STTR Transfer			

(U) **Significant Program Changes:**

As a result of the 2005 QDR, DoD is terminating the J-UCAS program in FY07 and realigning \$1,830.5M in outyear funding to PE0604402N.

UNCLASSIFIED

Exhibit R-2a, RDT&E Project Justification

DATE

February 2006

BUDGET ACTIVITY

03 Advanced Technology Development (ATD)

PE NUMBER AND TITLE

0603400F J-UCAS Joint Program
Office

PROJECT NUMBER AND TITLE

5067 Unmanned Combat Air Vehicle
Tech Demo

Cost (\$ in Millions)	FY 2005 Actual	FY 2006 Estimate	FY 2007 Estimate	FY 2008 Estimate	FY 2009 Estimate	FY 2010 Estimate	FY 2011 Estimate	Cost to Complete	Total
5067 Unmanned Combat Air Vehicle Tech Demo	0.000	76.691	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Quantity of RDT&E Articles	0	0	0	0	0	0	0		

Note: In FY06, the Joint Unmanned Combat Air Systems (J-UCAS) program was transferred from the Defense Advanced Research Projects Agency (DARPA) to be a joint Air Force/Navy program. The J-UCAS program is being terminated and \$1,830.5M is being realigned to PE0604402N in FY07-11.

(U) **A. Mission Description and Budget Item Justification**

The Joint Unmanned Combat Air Systems (J-UCAS) is a joint Air Force/Navy Capabilities Demonstration Program (CDP) to mature technologies to investigate the technical feasibility and operational value of unmanned combat air vehicles to provide the capability for high-threat Suppression of Enemy Air Defenses (SEAD), Electronic Attack, Strike/Persistent Ground Attack and carrier based Persistent Intelligence, Surveillance and Reconnaissance (ISR) missions. The program will demonstrate capabilities that support both Services and enable an operational system development decision in the 2012 timeframe.

The 2005 Quadrennial Defense Review (QDR) of the future force requirements for the United States military recommended termination of the J-UCAS CDP. DoD, IAW this recommendation, is terminating the J-UCAS program in FY07.

This is a BA 03 program, Advanced Technology Development, for continued development of the Boeing and Northrop Grumman demonstrator programs, and the development of common systems technology elements.

(U) **B. Accomplishments/Planned Program (\$ in Millions)**

(U) Continue development of J-UCAS systems, specifically the Boeing and Northrop Grumman demonstrator programs as well as the common operating system and sensors

(U) Total Cost

FY 2005FY 2006FY 2007

76.691

0.000

76.691

0.000

(U) **C. Other Program Funding Summary (\$ in Millions)**

	<u>FY 2005</u> <u>Actual</u>	<u>FY 2006</u> <u>Estimate</u>	<u>FY 2007</u> <u>Estimate</u>	<u>FY 2008</u> <u>Estimate</u>	<u>FY 2009</u> <u>Estimate</u>	<u>FY 2010</u> <u>Estimate</u>	<u>FY 2011</u> <u>Estimate</u>	<u>Cost to</u> <u>Complete</u>	<u>Total Cost</u>
(U) Defense-Wide RDT&E (PE0603400D8Z)	354.794	0.000	0.000	0.000	0.000	0.000	0.000		
(U) Defense-Wide RDT&E (PE0604400D8Z)	217.401	0.000	0.000	0.000	0.000	0.000	0.000		
(U) AF RDT&E (PE0604400F)	0.000	227.857	0.000	0.000	0.000	0.000	0.000		TBD
(U) NAVY RDT&E (PE0604402N)	0.000	0.000	239.000	310.000	369.400	491.100	421.000	Continuing	TBD

UNCLASSIFIED

Exhibit R-2a, RDT&E Project Justification

DATE

February 2006

BUDGET ACTIVITY

03 Advanced Technology Development (ATD)

PE NUMBER AND TITLE

0603400F J-UCAS Joint Program
Office

PROJECT NUMBER AND TITLE

5067 Unmanned Combat Air Vehicle
Tech Demo(U) D. Acquisition Strategy

Not applicable. The J-UCAS program is being terminated in FY07.