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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy **DATE:** April 2013

APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0305206N: <i>Airborne Reconnaissance Sys</i>
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COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013 [#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
Total Program Element	0.000	20.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	20.000
9999: <i>Congressional Adds</i>	0.000	20.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	20.000

[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012

^{##} The FY 2014 OCO Request will be submitted at a later date

A. Mission Description and Budget Item Justification

Provides funds for the development of sensor systems to improve present airborne reconnaissance capabilities. These developments are driven by evolving collection requirements and technology advances. The developments allow for the necessary changes required to meet an integrated, objective airborne reconnaissance architecture as defined in the Integrated Airborne Reconnaissance Strategy (IARS) and amplified in the Airborne Reconnaissance Information Technical Architecture. The Advanced Sensors Development Program implements successful proof-of-concept efforts accomplished in the Advanced Technology Program, other Service/ Agency developments, and Congressionally-funded initiatives leading to producible sensor systems for airborne platforms. Upon successful sensor prototype demonstration, technology sensor developments are turned over to the Services for procurement and platform integration. This effort focuses on developments, which support sensor system interoperability and standardization of multi-Service and multi-platform applications. In addition, funds provide for the development/integration and operational assessment of components for the EP-3E and P-3 Special Projects Aircraft and follow-on candidate aircraft.

There are two primary objectives for the Advanced Technology funding: (1) to evaluate the utility and maturity of technology for airborne reconnaissance applications and (2) to reduce the risk of employing emerging technologies in system upgrades, new system acquisitions, or Advanced Concept Technology Demonstrations, by integrating and exercising them in developmental and operational tests. These technologies help satisfy the requirements of the objective architecture set forth in the IARS. These technology investments are also identified in the Airborne Reconnaissance Technology Program Plan, published in November 1994.

Exhibits reflect Congressional Adds currently being executed as follows:

FY12 Congressional Add of \$20.000M is for a Central Command and Navy resourced Limited Objective Experiment for a Joint Combat Validation to investigate the potential usefulness/requirement and demonstrate the mission utility (Multi-Intelligence, Intelligence, Surveillance and Reconnaissance, Light Weaponization) and cost effectiveness of a Turbo Prop aircraft to support both General Purpose Forces and Special Operations in ongoing Operation Enduring Freedom combat operations and other Expeditionary roles and missions far from conventional support infrastructure such as large concrete runways and fuel supplies.

This program is funded under Operational Systems Development because it includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate funding in the current or subsequent fiscal year.

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B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	20.000	0.000	0.000	-	0.000
Current President's Budget	20.000	0.000	0.000	-	0.000
Total Adjustments	0.000	0.000	0.000	-	0.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			

Congressional Add Details (\$ in Millions, and Includes General Reductions)

Project: 9999: *Congressional Adds*

Congressional Add: *Combat Dragon II Demonstration (Cong)*

Congressional Add Subtotals for Project: 9999

Congressional Add Totals for all Projects

FY 2012	FY 2013
20.000	-
20.000	0.000
20.000	0.000

Change Summary Explanation

Technical: Not applicable.

Schedule: Not Applicable.

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Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>					R-1 ITEM NOMENCLATURE PE 0305206N: <i>Airborne Reconnaissance Sys</i>				PROJECT 9999: <i>Congressional Adds</i>			
COST (\$ in Millions)	All Prior Years	FY 2012	FY 2013[#]	FY 2014 Base	FY 2014 OCO ^{##}	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	0.000	20.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	20.000
Quantity of RDT&E Articles	0	0	0	0		0	0	0	0	0		
[#] FY 2013 Program is from the FY 2013 President's Budget, submitted February 2012 ^{##} The FY 2014 OCO Request will be submitted at a later date												
<u>A. Mission Description and Budget Item Justification</u>												
Congressional Add												
<u>B. Accomplishments/Planned Programs (\$ in Millions)</u>								FY 2012	FY 2013			
<i>Congressional Add:</i> Combat Dragon II Demonstration (Cong)								20.000	-			
<i>FY 2012 Accomplishments:</i> N/A												
Congressional Adds Subtotals								20.000	0.000			
<u>C. Other Program Funding Summary (\$ in Millions)</u>												
Line Item	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total	FY 2015	FY 2016	FY 2017	FY 2018	Cost To Complete	Total Cost	
• APN/0537: <i>EP-3E Series</i>	94.481	79.404	55.903		55.903	29.930	9.305	9.556	9.680	14.349	1,277.026	
• APN/0567: <i>Special Projects Aircraft</i>	22.232	15.135	3.684		3.684	16.895	31.089	25.305	12.596	5.436	532.314	
<u>Remarks</u>												
<u>D. Acquisition Strategy</u>												
Not Required for Congressional Adds												
<u>E. Performance Metrics</u>												
Not required for Congressional Adds.												

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development						R-1 ITEM NOMENCLATURE PE 0305206N: Airborne Reconnaissance Sys				PROJECT 9999: Congressional Adds					
Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Prototype Development	C/CPFF	Research Eng Dev LLC:Lexington Park, MD	0.000	5.760	Aug 2012	0.000		0.000		-		0.000	0.000	5.760	
Development	C/CPFF	JF Taylor:Lexington Park, MD	0.000	4.668	Sep 2012	0.000		0.000		-		0.000	0.000	4.668	
Development	C/CPFF	BAE:Nashua, NH	0.000	1.500	Sep 2012	0.000		0.000		-		0.000	0.000	1.500	
Development	C/CPFF	Precise Systems:Lexington Park, MD	0.000	1.001	Aug 2012	0.000		0.000		-		0.000	0.000	1.001	
Subtotal			0.000	12.929		0.000		0.000		0.000		0.000	0.000	12.929	
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
COMBAT DRAGON SUPPORT	Various	FRC East:Cherry Point, NC	0.000	0.483	Oct 2012	0.000		0.000		-		0.000	0.000	0.483	
COMBAT DRAGON SUPT	Various	FRC SE:Jacksonville, FL	0.000	0.188	Nov 2012	0.000		0.000		-		0.000	0.000	0.188	
Subtotal			0.000	0.671		0.000		0.000		0.000		0.000	0.000	0.671	
Management Services (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Management Support	WR	NAWCAD:Patuxent River, MD	0.000	6.400	Aug 2012	0.000		0.000		-		0.000	0.000	6.400	
Subtotal			0.000	6.400		0.000		0.000		0.000		0.000	0.000	6.400	

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	All Prior Years	FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total	Cost To Complete	Total Cost	Target Value of Contract	
Project Cost Totals	0.000	20.000		0.000		0.000		0.000		0.000	0.000	20.000		

Remarks