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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0305206N: Airborne Reconnaissance Sys							
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	58.793	55.327	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	311.256
2694: Advanced Signal Recognition	48.022	46.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	274.263
9999: Congressional Adds	10.771	9.311	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	36.993
A. Mission Description and Budget Item Justification											
<p>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.</p>											
<p>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 (ACTDs), 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.</p>											
<p>Exhibits reflect Congressional Adds currently being executed as follows:</p>											
<p>FY10 Congressional Add of \$4.332M is for Fusion Exploitation Algorithm Targeting High-Altitude Reconnaissance (FEATHAR). FY10 Congressional Add of \$4.979M is for EP-3E Requirements Capability Migration Technology Integration Lab.</p>											

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B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	66.273	46.208	0.000	0.000	0.000
Current President's Budget	58.793	55.327	0.000	0.000	0.000
Total Adjustments	-7.480	9.119	0.000	0.000	0.000
• Congressional General Reductions		-0.231			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		9.350			
• Congressional Directed Transfers		0.000			
• Reprogrammings	-7.480	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Program Adjustments	0.000	0.000	0.000	0.000	0.000
Congressional Add Details (\$ in Millions, and Includes General Reductions)					
Project: 9999: Congressional Adds					
Congressional Add: Fusion, Exploitation, Algorithm, Targeting, High-					
Congressional Add: EP-3E requirements capability migration technology					
Congressional Add Subtotals for Project: 9999					
Congressional Add Totals for all Projects					
Change Summary Explanation					
Technical: Not applicable.					
Schedule: Project Unit 2694: RCM test events and EDM removed due to descope of efforts associated with reduction in funding. Spiral 3 EDM-2 moved from 3Q FY09 to 4Q FY09.					
FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.					

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Navy								<b>DATE:</b> February 2010			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0305206N: <i>Airborne Reconnaissance Sys</i>				<b>PROJECT</b> 2694: <i>Advanced Signal Recognition</i>			
<b>COST (\$ in Millions)</b>	<b>FY 2009 Actual</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Base Estimate</b>	<b>FY 2011 OCO Estimate</b>	<b>FY 2011 Total Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>	<b>FY 2014 Estimate</b>	<b>FY 2015 Estimate</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
2694: <i>Advanced Signal Recognition</i>	48.022	46.016	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	274.263
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
<b>A. Mission Description and Budget Item Justification</b> <p>Provides funds for the development of sensor systems to improve present airborne reconnaissance capabilities fielded in both the EP-3E and P-3 Special Projects Aircraft (SPA) platforms. The developments are driven by evolving collection requirements and modern 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 (ARITA). The advanced sensor program includes technical analysis, systems engineering assessments, planning, and development for advanced airborne sensor systems. This effort focuses on developments which support sensor system interoperability and standardization of multi-Service and multi-platform applications. The EP-3E and Special Projects will undergo a series of incremental modifications via an evolutionary acquisition process which began in FY 2001. The advanced sensor developments described herein will provide the technology transition modules necessary for the overall migration of the airborne fleet to JASA, (i.e., sensors, ground systems, data links, and platforms), and provide the mechanism required for timely dissemination of intelligence information to operational forces.</p> <p>FY05 began the integration of JMOD Common Configuration (JCC) into all EP-3 aircraft. These efforts carry forward the developments from prior years and continue the development efforts to ensure that EP-3 aircraft maintain their interoperability and relevance to emerging threats and changing technology. This funding provides for the development of the JCC capabilities and Spirals.</p> <p>In FY06 the JCC program was further restructured due to delays in the Aerial Common Sensor (ACS) recapitalization program. The restructure added an obsolescence evolution and a JCC Spiral 3 upgrade to maintain EP-3E mission system viability until recapitalization platform can be fielded. This funding supported the required development of the restructured JCC program. The program procured an Engineering Development Model (EDM) in FY06 for Developmental Testing (DT) of the Spiral 2 system in FY07. Spiral 3 includes signal exploitation, low-band direction finding, Remote Tuning Receivers, Integrated Information Operations (I/O) and Environment Control System (ECS) upgrades. The program will procure two (2) Spiral 3 Engineering Development Models (EDM). The first EDM was procured in FY08 for Developmental Testing (DT) of the system in FY09.</p>											

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The Special Projects Modernization and Common Configuration Baseline (MCCB) program provides rapid insertion of new capabilities including improved communications, collection and analysis capabilities and weight reduction. Additionally, MCCB addresses technology refresh and obsolescence engineering. Most of the MCCB upgrades are based on stand-alone Government-Off-The-Shelf and Commercial-Off-The-Shelf (GOTS/COTS) systems.					
B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Spiral 3 development RFD, DF, I/O, ECS  FY 2009 Accomplishments: Spiral 3 development and test included low-band Radio Frequency Distribution (RFD) and Direction Finding (DF) subsystem replacement, Remote Tuning Receivers, Intergrated Information Operations (I/O) and Environmental Control System (ECS) upgrades  FY 2010 Plans: Spiral 3 development and test includes low-band Radio Frequency Distribution (RFD) and Direction Finding (DF) subsystem replacement, Remote Tuning Receivers, Intergrated Information Operations (I/O) and Environmental Control System (ECS) upgrades.	32.333	20.000	0.000	0.000	0.000
Technical Refresh dev for obsolete sys  FY 2009 Accomplishments: The Technical Refresh development of replacement technology for obsolete and unsupportable collection and support mission systems.  FY 2010 Plans: The Technical Refresh development of replacement technology for obsolete and unsupportable collection and support mission systems.	4.139	2.305	0.000	0.000	0.000
Develop Spiral upgrades to collection subsys	6.424	12.268	0.000	0.000	0.000

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B. Accomplishments/Planned Program (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
<p><i>FY 2009 Accomplishments:</i> Imagery engineering investigations completed. Developed and demonstrated Special Projects Projects (SPA) Direction Finding (DF) upgrades for SP Systems Requirements Review (SRR). SPA Communications/Infrastructure updated. SPA Modernization and Common Configuration Baseline (MCCB) program. Develop Spiral upgrades to the special collections subsystem, data communications and infrastructure. Addressed technology refresh and obsolescence issues. Mission system weight reduction development.</p> <p><i>FY 2010 Plans:</i> Imagery engineering investigations completed. Developed and demonstrated Special Projects Projects (SPA) Direction Finding (DF) upgrades for SP Systems Requirements Review (SRR). SPA Communications/Infrastructure updated. SPA Modernization and Common Configuration Baseline (MCCB) program. Develop Spiral upgrades to the special collections subsystem, data communications and infrastructure. Address technology refresh and obsolescence issues. Mission system weight reduction development.</p>					
<p>QRC for emergent threat technology</p> <p><i>FY 2009 Accomplishments:</i> Quick Response Capabilities (QRC) for development of capabilities to meet requirements for emergent threat technology.</p> <p><i>FY 2010 Plans:</i> Continue Quick Response Capabilities (QRC) for development of capabilities to meet requirements for emergent threat technology.</p>	0.168	3.000	0.000	0.000	0.000
EP-3E Recap capabilities migration	4.958	8.443	0.000	0.000	0.000

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B. Accomplishments/Planned Program (\$ in Millions)											
						FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	
FY 2009 Accomplishments: Engineering development of EP-3E mission capabilities to be deployed and procured on the legacy platform for the future migration to follow-on recap platform to stay abreast of emergent threat technologies.											
FY 2010 Plans: Engineering development of EP-3E mission capabilities to be deployed and procured on the legacy platform for the future migration to follow-on recap platform to stay abreast of emergent threat technologies. RCM test events and EDM removed due to descope of efforts associated with reduction in funding.											
Accomplishments/Planned Programs Subtotals						48.022	46.016	0.000	0.000	0.000	
C. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• APN/0537: EP-3E Series	64.479	92.245	90.323	0.000	90.323	89.630	81.891	84.695	75.967	75.600	1,370.130
• APN/0567: Special Projects Aircraft	102.705	12.331	14.679	6.100	20.779	15.159	15.416	15.676	15.950	60.500	521.616
D. Acquisition Strategy											
Leverages/complements Air Force, Naval Research Laboratory, Office of Naval Research RDTE efforts for technology insertions into EP-3E/SPA production programs.											
E. Performance Metrics											
Successful completion of EDM testing.											

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0305206N: Airborne Reconnaissance Sys				PROJECT 2694: Advanced Signal Recognition					
Product Development (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Ancillary Hdw Dev - OBS	SS/CPFF	L-3 COM INT SYS WACO,TX	0.000	1.350	Jan 2010	0.000		0.000		0.000	0.000	1.350	1.350	
Ancillary Hdw Dev - OBS	SS/CPFF	COHERENT SYS INT MD	4.762	0.000		0.000		0.000		0.000	0.000	4.762	4.762	
Ancillary Hdw Dev - OBS	SS/CPFF	Various Various	6.267	0.000		0.000		0.000		0.000	0.000	6.267	6.267	
Ancillary Hdw Dev - QRC	SS/CPFF	Various Various	0.168	2.825	Dec 2009	0.000		0.000		0.000	0.000	2.993	2.993	
Ancillary Hdw Dev - RCM	C/CPFF	L-3 COM INT SYS WACO,TX	1.189	2.545	Jan 2010	0.000		0.000		0.000	0.000	3.734	3.734	
Ancillary Hdw Dev - RCM	C/CPFF	RAYTHEON TECH SVC IN	2.870	3.345	Jan 2010	0.000		0.000		0.000	0.000	6.215	6.215	
Ancillary Hdw Dev - RCM	C/CPFF	Various Various	0.000	0.770	Jan 2010	0.000		0.000		0.000	0.000	0.770	0.770	
Ancillary Hdw Dev - SPA	SS/CPFF	ARGON ST, INC VA	16.144	1.780	Dec 2009	0.000		0.000		0.000	0.000	17.924	17.924	
Ancillary Hdw Dev - SPA	SS/CPFF	L-3 COM INT SYS WACO,TX	2.240	2.680	Feb 2010	0.000		0.000		0.000	0.000	4.920	4.920	
Ancillary Hdw Dev - SPA	SS/CPFF	RAYTHEON TECH SVC TX	3.413	1.000	Feb 2010	0.000		0.000		0.000	0.000	4.413	4.413	

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<b>Product Development (\$ in Millions)</b>													
				<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Ancillary Hdw Dev - SPA	SS/CPFF	Various Various	12.285	2.553	Dec 2009	0.000		0.000		0.000	0.000	14.838	14.838
Ancillary Hdw Dev - Spiral 2	SS/CPFF	L-3 COM INT SYS WACO,TX	28.332	0.000		0.000		0.000		0.000	0.000	28.332	28.332
Ancillary Hdw Dev - Spiral 3	SS/CPFF	L-3 COM INT SYS WACO,TX	37.386	14.139	Dec 2009	0.000		0.000		0.000	0.000	51.525	51.525
Ancillary Hdw Dev - Spiral 3	SS/CPFF	ARGON ST, INC VA	8.052	0.000		0.000		0.000		0.000	0.000	8.052	8.052
Ancillary Hdw Dev - Spiral 3	SS/CPFF	RAYTHEON TECH SVC IN	5.116	0.000		0.000		0.000		0.000	0.000	5.116	5.116
Ancillary Hdw Dev - Spiral 3	SS/CPFF	SPAWAR SYSCOM SC	8.822	0.000		0.000		0.000		0.000	0.000	8.822	8.822
Ancillary Hdw Dev - ISR	SS/CPFF	NATL SEC AGENCY MD	2.500	0.000		0.000		0.000		0.000	0.000	2.500	2.500
<b>Subtotal</b>			139.546	32.987		0.000		0.000		0.000	0.000	172.533	172.533
<b>Remarks</b>													

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Support (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Develop Support - OBS	C/Various	VARIOUS VARIOUS	2.456	0.000		0.000		0.000		0.000	0.000	2.456	2.456	
Develop Support - RCM 1	C/Various	VARIOUS VARIOUS	1.040	0.000		0.000		0.000		0.000	0.000	1.040	1.040	
Develop Support - RCM 2	C/Various	VARIOUS VARIOUS	1.812	0.662	Dec 2009	0.000		0.000		0.000	0.000	2.474	2.474	
Develop Support - SPA 3	C/TBD	ULTRA ELECTRONICS TX	3.181	0.000		0.000		0.000		0.000	0.000	3.181	3.181	
Develop Support - SPA 4	C/Various	VARIOUS VARIOUS	2.745	1.016	Dec 2009	0.000		0.000		0.000	0.000	3.761	3.761	
Develop Support - SPA 5	C/Various	VARIOUS VARIOUS	9.434	2.086	Dec 2009	0.000		0.000		0.000	0.000	11.520	11.520	
Develop Support - Spiral 1	C/Various	VARIOUS VARIOUS	2.965	0.000		0.000		0.000		0.000	0.000	2.965	2.965	
Develop Support - Spiral 2	C/Various	VARIOUS VARIOUS	3.350	0.000		0.000		0.000		0.000	0.000	3.350	3.350	
Develop Support - Spiral 3 1	C/Various	VARIOUS VARIOUS	2.287	0.000		0.000		0.000		0.000	0.000	2.287	2.287	
Develop Support - Spiral 3 2	C/Various	VARIOUS VARIOUS	2.712	0.000		0.000		0.000		0.000	0.000	2.712	2.712	
Develop Support - Spiral 3 3	C/CPFF	AT&T GOVT SOL INC VA	0.000	1.500	Dec 2009	0.000		0.000		0.000	0.000	1.500	1.500	
ETS (NON-FFRDC) SP2	C/CPFF	AT&T GOVT SOL INC	0.600	0.000		0.000		0.000		0.000	0.000	0.600	0.600	

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**Support (\$ in Millions)**

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
		VA											
ETS (NON-FFRDC) SP3	C/CPFF	AT&T GOVT SOL INC VA	1.984	0.500	Dec 2009	0.000		0.000		0.000	0.000	2.484	2.484
ETS (NON-FFRDC) SPA	C/CPFF	AT&T GOVT SOL INC VA	1.751	0.903	Dec 2009	0.000		0.000		0.000	0.000	2.654	2.654
ETS (NON-FFRDC) RCM	C/CPFF	AT&T GOVT SOL INC VA	0.000	0.275	Dec 2009	0.000		0.000		0.000	0.000	0.275	0.275
<b>Subtotal</b>			36.317	6.942		0.000		0.000		0.000	0.000	43.259	43.259

**Remarks**

**Test and Evaluation (\$ in Millions)**

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
DT/Eval - SPA	WR	NAWCAD PAX RIVER, MD	2.386	0.250	Dec 2009	0.000		0.000		0.000	0.000	2.636	Continuing
DT/OT & Eval - RCM	WR	NAWCAD PAX RIVER, MD	0.000	0.343	Dec 2009	0.000		0.000		0.000	0.000	0.343	Continuing
DT/OT & Eval - Spiral 1	WR	NAWCAD	0.056	0.000		0.000		0.000		0.000	0.000	0.056	Continuing

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Test and Evaluation (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
		PAX RIVER, MD												
DT/OT & Eval - Spiral 2	WR	NAWCAD PAX RIVER, MD	2.462	0.000		0.000		0.000		0.000	0.000	2.462	Continuing	
DT/OT & Eval - Spiral 3	WR	NAWCAD PAX RIVER, MD	1.800	3.750	Dec 2009	0.000		0.000		0.000	0.000	5.550	Continuing	
Test & Eval - QRC	WR	NAWCAD PAX RIVER, MD	0.000	0.175	Dec 2009	0.000		0.000		0.000	0.000	0.175	Continuing	
Subtotal			6.704	4.518		0.000		0.000		0.000	0.000	11.222		
Remarks														
Management Services (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Systems Eng Spt - OBS	WR	NAWCAD PAX RIVER, MD	0.661	0.900	Dec 2009	0.000		0.000		0.000	0.000	1.561	Continuing	
Systems Eng Spt - RCM	WR	NAWCAD PAX RIVER, MD	0.500	0.458	Dec 2009	0.000		0.000		0.000	0.000	0.958	Continuing	
Systems Eng Spt - Spiral 2	WR	NAWCAD PAX RIVER, MD	1.361	0.000		0.000		0.000		0.000	0.000	1.361	Continuing	
	WR	NAWCAD	1.750	0.055	Dec 2009	0.000		0.000		0.000	0.000	1.805	Continuing	

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<b>Management Services (\$ in Millions)</b>													
				<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>			
<b>Cost Category Item</b>	<b>Contract Method &amp; Type</b>	<b>Performing Activity &amp; Location</b>	<b>Total Prior Years Cost</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Award Date</b>	<b>Cost</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
Systems Eng Spt - Spiral 3		PAX RIVER, MD											
Travel - SPA	WR	NAWCAD PAX RIVER, MD	0.302	0.000		0.000		0.000		0.000	0.000	0.302	Continuing
Travel - Spiral 2	WR	NAWCAD PAX RIVER, MD	0.227	0.000		0.000		0.000		0.000	0.000	0.227	Continuing
Travel - Spiral 3	WR	NAWCAD PAX RIVER, MD	0.700	0.055	Dec 2009	0.000		0.000		0.000	0.000	0.755	Continuing
Travel - RCM	WR	NAWCAD PAX RIVER, MD	0.000	0.046	Dec 2009	0.000		0.000		0.000	0.000	0.046	Continuing
Travel-NSMA	WR	NAWCAD PAX RIVER, MD	0.063	0.055	Dec 2009	0.000		0.000		0.000	0.000	0.118	Continuing
<b>Subtotal</b>			5.564	1.569		0.000		0.000		0.000	0.000	7.133	
<b>Remarks</b>													
			<b>Total Prior Years Cost</b>	<b>FY 2010</b>		<b>FY 2011 Base</b>		<b>FY 2011 OCO</b>		<b>FY 2011 Total</b>	<b>Cost To Complete</b>	<b>Total Cost</b>	<b>Target Value of Contract</b>
<b>Project Cost Totals</b>			188.131	46.016		0.000		0.000		0.000	0.000	234.147	215.792
<b>Remarks</b> Dollars may not add due to rounding.													

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Exhibit R-4, RDT&E Schedule Profile: PB 2011 Navy																DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY								R-1 ITEM NOMENCLATURE								PROJECT			
1319: Research, Development, Test & Evaluation, Navy								PE 0305206N: Airborne Reconnaissance Sys								2694: Advanced Signal Recognition			
BA 7: Operational Systems Development																			

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy			DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>		R-1 ITEM NOMENCLATURE PE 0305206N: <i>Airborne Reconnaissance Sys</i>		PROJECT 2694: <i>Advanced Signal Recognition</i>

Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
Spiral 3 EDM-2	4	2009	4	2009

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Navy								<b>DATE:</b> February 2010			
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>				<b>R-1 ITEM NOMENCLATURE</b> PE 0305206N: <i>Airborne Reconnaissance Sys</i>				<b>PROJECT</b> 9999: <i>Congressional Adds</i>			
<b>COST (\$ in Millions)</b>	<b>FY 2009 Actual</b>	<b>FY 2010 Estimate</b>	<b>FY 2011 Base Estimate</b>	<b>FY 2011 OCO Estimate</b>	<b>FY 2011 Total Estimate</b>	<b>FY 2012 Estimate</b>	<b>FY 2013 Estimate</b>	<b>FY 2014 Estimate</b>	<b>FY 2015 Estimate</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
9999: <i>Congressional Adds</i>	10.771	9.311	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	36.993
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		
<b>A. Mission Description and Budget Item Justification</b> Exhibits reflect Congressional Adds currently being executed as follows: FY09 Congressional Add of \$5.984M is for Fusion Exploitation Algorithm Targeting High-Altitude Reconnaissance (FEATHAR). FY09 Congressional Add of \$4.787M is for EP-3E Requirements Capability Migration Technology Integration Lab.  FY10 Congressional Add of \$4.332M is for Fusion Exploitation Algorithm Targeting High-Altitude Reconnaissance (FEATHAR). FY10 Congressional Add of \$4.979M is for EP-3E Requirements Capability Migration Technology Integration Lab.											
<b>B. Accomplishments/Planned Program (\$ in Millions)</b>											
							<b>FY 2009</b>	<b>FY 2010</b>			
Congressional Add: Fusion, Exploitation, Algorithm, Targeting, High-							5.984	4.332			
<b>FY 2009 Accomplishments:</b> Continued the development of algorithmic, cueing and software focused efforts in support of the Deployable Unmanned Systems for Targeting, Exploitation, and Reconnaissance (DUSTER) system. This system could simultaneously extend the area of intelligence gathering, keep the operators out of harms way, and provide an airborne real-time exploitation and dissemination node to identify, geo-locate, and track enemy targets.											
<b>FY 2010 Plans:</b> Continue the development of algorithmic, cueing and software focused efforts in support of the Deployable Unmanned Systems for Targeting, Exploitation, and Reconnaissance (DUSTER) system. This system could simultaneously extend the area of intelligence gathering, keep the operators out											

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2011 Navy		<b>DATE:</b> February 2010
<b>APPROPRIATION/BUDGET ACTIVITY</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>	<b>R-1 ITEM NOMENCLATURE</b> PE 0305206N: <i>Airborne Reconnaissance Sys</i>	<b>PROJECT</b> 9999: <i>Congressional Adds</i>
<b>B. Accomplishments/Planned Program (\$ in Millions)</b>		
	<b>FY 2009</b>	<b>FY 2010</b>
of harms way, and provide an airborne real-time exploitation and dissemination node to identify, geo-locate, and track enemy targets.		
Congressional Add: EP-3E requirements capability migration technology  <i>FY 2009 Accomplishments:</i> Initiated the development of an EP-3E Requirements Capability Migration Technology Integration Lab.  <i>FY 2010 Plans:</i> Continue the development of an EP-3E Requirements Capability Migration Technology Integration Lab.	4.787	4.979
Congressional Adds Subtotals	10.771	9.311
<b>C. Other Program Funding Summary (\$ in Millions)</b>		
N/A		
<b>D. Acquisition Strategy</b>		
Leverages/complements Air Force, Naval Research Laboratory, Office of Naval Research RDTE efforts for technology insertions into EP-3E/SPA production programs.		
<b>E. Performance Metrics</b>		
Not required for Congressional Adds.		

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