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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy										DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604234N: Advanced Hawkeye							
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	3,891.368	129.414	119.065	152.041	-	152.041	190.742	201.692	220.186	149.144	127.455	5,181.107
3051: E-2D Adv Hawkeye	3,891.368	109.414	119.065	152.041	-	152.041	190.742	201.692	220.186	149.144	127.455	5,161.107
9999: Congressional Adds	0.000	20.000	0.000	0.000	-	0.000	0.000	0.000	0.000	0.000	0.000	20.000
MDAP/MAIS Code(s): 364												
[#] 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												
<p>The E-2D Advanced Hawkeye (AHE) program develops, demonstrates, tests, and procures the replacement of the AN/APS-145 radar system and other aircraft system components including Cooperative Engagement Capability Pre-Planned Product Improvement and Dual Transmit Satellite Communications that modernize the E-2 weapon system to maintain open ocean mission capability while providing the United States Navy with an effective littoral surveillance, battle management, Naval Integrated Fire Control - Counter Air (NIFC-CA) and Theater Air and Missile Defense (TAMD) capability. Key radar technologies are Space-Time Adaptive Processing, Electronically Scanning Array, solid state transmitter, high dynamic range digital receivers and Identification Friend or Foe (IFF)/radar aperture integration. The resultant detection system will provide a substantially improved overland performance by correcting current sensor shortfalls and enhancing all current required mission areas, while simultaneously contributing to the emerging TAMD mission requirements. Mode 5/S is an upgrade to the existing IFF System providing the warfighter positive, secure and reliable identification of friendly aircraft, surface and sub-surface platforms. Mode 5/S replaces the National Security Administration de-certified Mode 4 IFF capability, which is no longer effective or suitable for modern military operations. Mode 5/S will support the Joint Initial Operational Capability (IOC) as defined by the Joint Requirements Oversight Council.</p>												
<p>An In-Flight Refueling capability will allow the E-2D AHE to receive fuel from various organic and non-organic tanker aircraft. It provides Expanded Battle Space Surveillance and Targeting through significantly enhanced persistence and increased flexibility (range & endurance). IFR will better enable the E-2D AHE to fully support current Carrier Strike Group /Joint 24/7 Theater Operations by providing more versatile stationing and/or forward basing options. Previous domestic E-2 concept demonstration effort successfully established the feasibility of tanking behind the F/A-18E/F and KC-130 aircraft under E-2 Squadrons, PE 0204152N.</p>												
<p>Link-16 Crypto Modernization and frequency remap are required to satisfy the National Security Agency and Federal Aviation Administration mandates. E-2D AHE uses Link-16 to exchange and provide tactical information with other tactical units. The Link-16 Crypto Modernization and frequency remap effort requires the integration of a modified Multifunctional Information Distribution System - Low Volume Terminal (1) terminal and software modification to the E-2D AHE mission computer operational flight program.</p>												
<p>The Ultra High Frequency (UHF) Guard Radio allows the aircrew to monitor the emergency UHF Guard frequency without having to dedicate a specific radio, freeing that radio up for use in the tactical mission. Because of the UHF Tunable Filter Amplifiers, the ARC-210 radios cannot provide continuous UHF guard monitoring,</p>												

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<p>although the internal guard receiver is operational. A separate UHF guard receiver is provided for monitoring the UHF guard (243 MHz) frequency. It is powered by the Guard switch located on the Communication/Control Display Unit Power Panel.</p> <p>FY2013 starts a Counter Electronic Attack (CEA) capability which will allow the E-2D radar system to maintain performance in an advanced hostile intentional electromagnetic interference environment. The E-2D CEA program will ensure E-2D effectiveness is maintained in an Electronic Attack environment supporting the NIFC-CA capability and overall Navy and Joint Integrated Air and Missile Defense strategy.</p> <p>FY2014 starts an E-2D Secret Internet Protocol Router (SIPR)Chat program. The SIPRChat capability will support integration of current collaboration tools including tactical "chat" (text) communications, real-time tasking, and Air Tasking Order distribution. Recent real world operations have demonstrated a migration of Command and Control communications from voice to Internet protocol based networks.</p> <p>FY2014 starts an effort to integrate the Tactical Targeting Networking Technology (TTNT) Advanced Tactical Data Link functionality into the E-2D. This effort includes replacing the Multifunctional Information Distribution System - Low Volume Terminal (MIDS LVT) radio with Multifunctional Information Distribution System - Joint Tactical Radio System(MIDS-JTRS) that has incorporated the TTNT. MIDS JTRS with TTNT is a key enabler for E-2D sensor netting capability in support of the NIFC-CA mission.</p> <p>FY2014 starts a Link-16/Cooperative Engagement Capability (CEC) Interoperability Program. Funding is to address the most severe data link related interoperability issues. This capability will significantly improve the quality of the tactical surveillance picture, reduce the possibility of leakers, mitigate Blue on Blue engagements and mid-identification of tracks. Provides stable sensor fusion foundation to support sensor/weapon coordination requirements.</p> <p>This program is funded under SYSTEM DEVELOPMENT AND DEMONSTRATION because it includes those projects that have passed Milestone B approval and are conducting engineering and manufacturing development tasks aimed at meeting validated requirement prior to full-rate production decision.</p>		

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APPROPRIATION/BUDGET ACTIVITY		R-1 ITEM NOMENCLATURE				
1319: Research, Development, Test & Evaluation, Navy		PE 0604234N: Advanced Hawkeye				
BA 5: System Development & Demonstration (SDD)						
B. Program Change Summary (\$ in Millions)		FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget		130.994	119.065	124.988	-	124.988
Current President's Budget		129.414	119.065	152.041	-	152.041
Total Adjustments		-1.580	0.000	27.053	-	27.053
• Congressional General Reductions		-	-			
• Congressional Directed Reductions		-	-			
• Congressional Rescissions		-	-			
• Congressional Adds		-	-			
• Congressional Directed Transfers		-	-			
• Reprogrammings		0.892	0.000			
• SBIR/STTR Transfer		-2.472	0.000			
• Program Adjustments		0.000	0.000	10.199	-	10.199
• Rate/Misc Adjustments		0.000	0.000	16.854	-	16.854
Congressional Add Details (\$ in Millions, and Includes General Reductions)						
Project: 9999: Congressional Adds						
Congressional Add: Adv Radar Innovation Fund - Air (Cong)						
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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)					R-1 ITEM NOMENCLATURE PE 0604234N: Advanced Hawkeye				PROJECT 3051: E-2D Adv Hawkeye			
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
3051: E-2D Adv Hawkeye	3,891.368	109.414	119.065	152.041	-	152.041	190.742	201.692	220.186	149.144	127.455	5,161.107
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

A. Mission Description and Budget Item Justification

The E-2D Advanced Hawkeye (AHE) program develops, demonstrates, tests, and procures the replacement of the AN/APS-145 radar system and other aircraft system components including Cooperative Engagement Capability Pre-Planned Product Improvement and Dual Transmit Satellite Communications that modernize the E-2 weapon system to maintain open ocean mission capability while providing the United States Navy with an effective littoral surveillance, battle management, and Naval Integrated Fire Control - Counter Air (NIFC-CA) Theater Air and Missile Defense (TAMD) capability. Key radar technologies are Space-Time Adaptive Processing, Electronically Scanning Array, solid state transmitter, high dynamic range digital receivers and Identification Friend or Foe (IFF)/radar aperture integration. The resultant detection system will provide a substantially improved overland performance by correcting current sensor shortfalls and enhancing all current required mission areas, while simultaneously contributing to the emerging TAMD mission requirements. Mode 5/S is an upgrade to the existing IFF System providing the warfighter positive, secure and reliable identification of friendly aircraft, surface and sub-surface platforms. Mode 5/S replaces the National Security Administration de-certified Mode 4 IFF capability, which is no longer effective or suitable for modern military operations. Mode 5/S will support the Joint Initial Operational Capability (IOC) as defined by the Joint Requirements Oversight Council.

An In-Flight Refueling capability will allow the E-2D AHE to receive fuel from various organic and non-organic tanker aircraft. It provides Expanded Battle Space Surveillance and Targeting through significantly enhanced persistence and increased flexibility (range & endurance). IFR will better enable the E-2D AHE to fully support current Carrier Strike Group /Joint 24/7 Theater Operations by providing more versatile stationing and/or forward basing options. Previous domestic E-2 concept demonstration effort successfully established the feasibility of tanking behind the F/A-18E/F and KC-130 aircraft under E-2 Squadrons, PE 0204152N.

Link-16 Crypto Modernization and frequency remap are required to satisfy the National Security Agency and Federal Aviation Administration mandates. E-2D AHE uses Link-16 to exchange and provide tactical information with other tactical units. The Link-16 Crypto Modernization and frequency remap effort requires the integration of a modified Multifunctional Information Distribution System - Low Volume Terminal (1) terminal and software modification to the E-2D AHE mission computer operational flight program.

The Ultra High Frequency (UHF) Guard Radio allows the aircrew to monitor the emergency UHF Guard frequency without having to dedicate a specific radio, freeing that radio up for use in the tactical mission. Because of the UHF Tunable Filter Amplifiers, the ARC-210 radios cannot provide continuous UHF guard monitoring, although the internal guard receiver is operational. A separate UHF guard receiver is provided for monitoring the UHF guard (243 MHz) frequency. It is powered by the Guard switch located on the Communication/Control Display Unit Power Panel.

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FY2013 starts a Counter Electronic Attack (CEA) capability which will allow the E-2D radar system to maintain performance in an advanced hostile intentional electromagnetic interference environment. The E-2D CEA program will ensure E-2D effectiveness is maintained in an Electronic Attack environment supporting the NIFC-CA capability and overall Navy and Joint Integrated Air and Missile Defense strategy.				
FY2014 starts an E-2D Secret Internet Protocol Router (SIPR)Chat program. The SIPRChat capability will support integration of current collaboration tools including tactical "chat" (text) communications, real-time tasking, and Air Tasking Order distribution. Recent real world operations have demonstrated a migration of Command and Control communications from voice to Internet protocol based networks.				
FY2014 starts an effort to integrate the Tactical Targeting Networking Technology (TTNT) Advanced Tactical Data Link functionality into the E-2D. This effort includes replacing the Multifunctional Information Distribution System - Low Volume Terminal (MIDS LVT) radio with Multifunctional Information Distribution System - Joint Tactical Radio System (MIDS-JTRS) that has incorporated the TTNT. MIDS JTRS with TTNT is a key enabler for E-2D sensor netting capability in support of the NIFC-CA mission.				
FY2014 starts an Advanced Mid-Term Interoperability Improvement Program (AMIIP) to address the most severe data link related interoperability issues. This capability will significantly improve the quality of the tactical surveillance picture, reduce the possibility of leakers, mitigate Blue on Blue engagements and mid-identification of tracks. Provides stable sensor fusion foundation to support sensor/weapon coordination requirements.				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2012	FY 2013	FY 2014
Title: System Development and Demonstration		9.477	1.000	14.736
Articles:		0	0	0
Description: System Development and Demonstration (SDD) contract with Northrop Grumman Corporation for SDD and Pilot Production efforts for the E-2D Advanced Hawkeye (AHE) Program.				
FY 2012 Accomplishments: Conduct OPEVAL.				
FY 2013 Plans: Funds provided to correct flight test deficiencies discovered during Initial Operational Test & Evaluation.				
FY 2014 Plans: Funds provided for Upper Transponder and Full Scale Fatigue Tests.				
Title: Naval Air Warfare Center Aircraft Division Engineering and Test Support		44.002	28.708	12.089
Articles:		0	0	0
Description: Fund Government Engineering, Contractor Engineering, and Classified Engineering Support. Perform Government oversight. Execute test program risk reduction efforts.				

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2012	FY 2013	FY 2014
<i>FY 2012 Accomplishments:</i> Funding provided for Operational Evaluation (OPEVAL), Naval Integrated Fire Control - Counter Air (NIFC-CA), In-Flight Refueling (IFR) and Follow-On Test & Evaluation (FOT&E) efforts.					
<i>FY 2013 Plans:</i> Funding provides continued support for Follow-On Test & Evaluation. Funds also provided for In-Flight Refueling (IFR) and Naval Integrated Fire Control - Counter Air (NIFC-CA) efforts. Funding levels decreases as we transition from OPEVAL to FOT&E.					
<i>FY 2014 Plans:</i> Funds provided for continued support of Follow-On Test & Evaluation and Developmental Testing for Mode 5 and Link-16 Cooperative Engagement Capability Interoperability. Funding levels decrease as this no longer funds OPEVAL or Naval Integrated Fire Control - Counter Air (NIFC-CA) efforts.					
<i>Title:</i> NC-130H/E-2D Classified Programs <i>Description:</i> Provides support for the E-2D Advanced Hawkeye (AHE) Classified Development efforts.			14.103 0	5.700 0	5.762 0
<i>FY 2012 Accomplishments:</i> Funding is for the continuation of E-2D AHE Classified Development efforts.					
<i>FY 2013 Plans:</i> Funding is for the continuation of E-2D AHE Classified Development efforts.					
<i>FY 2014 Plans:</i> Funding is for the continuation of E-2D AHE Classified Development efforts.					
<i>Title:</i> Trainers <i>Description:</i> Funds the design, development and delivery of the trainers in support of the E-2D AHE program.			16.163 0	4.122 0	0.000
<i>FY 2012 Accomplishments:</i> Funding is for the development of the Weapon System Trainer and the Simulated Maintenance Trainer, also funds the delivery of the Operational Flight Trainer.					
<i>FY 2013 Plans:</i>					

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2012	FY 2013
Funding is for Cooperative Engagement Capability Training Device Capability to train Theater Air Missile Defense and Dual E-2D Operations Tactical Training efforts.			FY 2014
Title: Mode 5/S Description: Mode 5/S is the replacement/upgrade to the existing Identification Friend or Foe system. FY 2012 Accomplishments: Funding is for system development, integration and testing to support the incorporation of IFF Mode 5/S technology into the E-2D AHE IFF Interrogator mission equipment. Integration testing will include laboratory and ground tests. FY 2013 Plans: Funding is for continued system development, integration and test to support the incorporation of IFF Mode 5/S technology into the E-2D AHE IFF Interrogator mission equipment. Integration testing will include laboratory, ground and flight tests. Funding levels increase due to software development and flight test efforts. FY 2014 Plans: Funding is for continued system development, integration and testing to support the incorporation of IFF Mode 5/S technology into the E-2D AHE IFF Interrogator mission equipment. Integration testing will include laboratory, ground and flight tests. Funding levels decrease due to reduced efforts for system development, software development and flight test.		17.047 0	34.637 0
Title: In-Flight Refueling Description: Funds the system development and testing to support the incorporation of In-Flight Refueling capability into the E-2D AHE aircraft. Emphasis during system development is on system redesign, air vehicle design, human systems integration and design, including interior/lighting modifications and seat replacement. Flight testing is required to evaluate field of view, thermal and aerodynamic loads, kinematic performance, and handling qualities. FY 2012 Accomplishments: Funding is for the system development and risk reduction efforts. FY 2013 Plans: Funding is provided for the start of Engineering & Manufacturing Development (E&MD) of In-Flight Refueling and continued system development efforts. FY 2014 Plans:		6.696 0	33.100 0
		6.803 0	

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2012	FY 2013	FY 2014
Funding provided for continued Engineering & Manufacturing Development (E&MD) of In-Flight Refueling and System Integration Laboratory (SIL) testing.				
<p>Title: Guard Radio</p> <p>Articles:</p> <p>Description: The Ultra High Frequency (UHF) Guard Radio allows the aircrew to monitor the emergency UHF Guard frequency without having to dedicate a specific radio, freeing that radio up for use in the tactical mission. Due to the UHF Tunable Filter Amplifiers, the ARC-210 radios can not provide continuous UHF guard monitoring, although the internal guard receiver is operational. A separate UHF guard receiver is provided for monitoring the UHF guard (243 MHz) frequency. It is powered by the Guard switch located on the Communication/Control Display Unit Power Panel.</p> <p>FY 2012 Accomplishments: Funding is for engineering efforts and system integration.</p> <p>FY 2013 Plans: Funds provided for continued engineering and systems integration support.</p> <p>FY 2014 Plans: Funds provided for continued engineering, systems integration support and test.</p>		1.926 0	3.598 0	3.005 0
<p>Title: E-2D Counter Electronic Attack</p> <p>Articles:</p> <p>Description: Funds the mission system development and testing of the capability to counter Direct Radar Frequency Measurement (DRFM) radar threats. The E&MD effort will focus on integration of capability in the radar and mission computer and display systems, system integration, and laboratory and flight test validation.</p> <p>FY 2013 Plans: Funds provided for initiation of E&MD for E-2D Counter Electronic Attack capability.</p>		0.000	7.400 0	0.000
<p>Title: Tactical Targeting Networking Technology</p> <p>Articles:</p> <p>Description: Tactical Targeting Networking Technology (TTNT) provides Advanced Tactical Data Link functionality into the E-2D. This effort includes replacing the MIDS LVT radio with MIDS-JTRS that has incorporated the TTNT. MIDS JTRS with TTNT is a key enabler for E-2D sensor netting capability in support of the Naval Integrated Fire Control-Counter Air mission.</p> <p>FY 2014 Plans:</p>		0.000	0.000	19.220 0

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2012	FY 2013	FY 2014
Funding is provided for Development, Design and Support costs.											
Title: Link-16/Crypto Modernization Description: This effort was previously included under Naval Air Warfare Center Aircraft Division Engineering and Test Support. FY 2013 Plans: Funds provided for Systems Hardware Development.									0.000	0.800 0	0.000
Articles:											
Title: SIPRChat FY 2014 Plans: Funds provided for System Development & Design, Software and Router Integration.									0.000	0.000	4.845 0
Articles:											
Title: Naval Integrated Fire Control Counter Air Inc 1 Testing FY 2014 Plans: Funds provided for software development support and developmental flight tests.									0.000	0.000	10.000 0
Articles:											
Title: Link-16/Cooperative Engagement Capability (CEC) Interoperability Program FY 2014 Plans: Funds provided for systems engineering and systems development support.									0.000	0.000	6.681 0
Articles:											
Accomplishments/Planned Programs Subtotals									109.414	119.065	152.041
C. Other Program Funding Summary (\$ in Millions)											
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/0195 : E-2D AHE	1,044.813	984.677	1,263.649		1,263.649	1,242.758	1,323.427	1,393.566	1,262.206	4,067.297	18,631.376
• APN/0605: Initial Spares - E-2	30.012	55.383	16.612		16.612	11.403	15.069	17.511	26.534	24.135	484.508
• APN/0544: E-2 Series	0.000	0.000	8.953		8.953	13.798	18.886	22.546	76.561	304.832	445.576
Remarks											

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D. Acquisition Strategy

Acquisition Strategy was signed by Milestone Decision Authority, Under Secretary of Defense for Acquisition, Technology and Logistics on 29 Dec 2008. Milestone C approval to proceed into Production and Deployment was given 11 June 2009 by the Defense Acquisition Board (DAB). Certification for entrance into Initial Operational Test & Evaluation was received on 14 Feb 2012. Full Rate Production Acquisition Strategy approved on 20 August 2012. Initial Operational Test & Evaluation concluded 1 October 2012. Successfully held a Defense Acquisition Board for Full Rate Production. Received a successful decision to enter into Full Rate Production (FRP) on 31 January 2013.

E. Performance Metrics

Successfully held a Defense Acquisition Board for Full Rate Production on 31 January 2013 for 55 aircraft.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy												DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY						R-1 ITEM NOMENCLATURE				PROJECT					
1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)						PE 0604234N: Advanced Hawkeye				3051: E-2D Adv Hawkeye					
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
Primary Hardware Development	SS/CPAF	Northrop Grumman Corporation (NGC):Bethpage, NY	2,873.687	18.815	Feb 2012	13.834	Feb 2013	0.000		-		0.000	0.000	2,906.336	2,906.336
Primary Hardware Development - Follow On	TBD	TBD:TBD	0.000	0.000		0.000		28.204	Feb 2014	-		28.204	161.712	189.916	
Primary Hardware - In-Flight Refueling	SS/CPAF	NGC:Bethpage, NY	0.000	5.102	May 2012	24.459	May 2013	56.320	May 2014	-		56.320	178.649	264.530	264.530
Training Development	C/CPIF	Rockwell Collins:Cedar Rapids, IA	105.067	15.204	May 2012	4.122	May 2013	0.000		-		0.000	0.000	124.393	124.393
Training Development	C/CPIF	Lockheed Martin:Liverpool, NY	6.734	0.238	May 2012	0.000		0.000		-		0.000	0.000	6.972	6.972
Systems Engineering	PO	Navy Syst Mgt Activity:Arlington, VA	162.273	14.103	Mar 2012	0.500	Mar 2013	0.000		-		0.000	0.000	176.876	
GFE	Various	Various:Various	31.509	0.000		0.000		3.690	May 2014	-		3.690	1.458	36.657	
Award Fees	SS/CPAF	NGC:Bethpage, NY	142.874	5.017	Oct 2012	3.012	Oct 2013	0.000		-		0.000	0.000	150.903	150.903
Training Development	TBD	TBD:TBD	0.000	0.000		0.000		0.000		-		0.000	1.226	1.226	
Prior Year Prod Dev costs no longer funded in FYDP	Various	Various:Various	168.042	0.000		0.000		0.000		-		0.000	0.000	168.042	
Subtotal			3,490.186	58.479		45.927		88.214		0.000		88.214	343.045	4,025.851	
Remarks															
Totals may not add due to rounding.															
Award Fee:															
Period 1 FY04 - 90% Period 7 FY08 - 94%															
Period 2 FY04 - 91% Period 8 FY09 - 93%															
Period 3 FY05 - 80% Period 9 FY09 - 95%															
Period 4 FY06 - 94% Period 10 FY10 - 100%															
Period 5 FY06 - 100% Period 11 FY11 - 95%															
Period 6 FY07 - 95% Period 12 FY12 - 95%															

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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
Development Support	Various	Various:Various	9.400	0.000		0.000		0.250	Nov 2013	-		0.250	3.127	12.777	
Software Development	SS/CPIF	NGC:Bethpage, NY	24.223	2.050	Apr 2012	15.726	Apr 2013	14.222	Apr 2014	-		14.222	61.824	118.045	118.045
Integrated Logistics Support	Various	Various:Various	7.825	0.000		0.250	Nov 2012	1.263	Nov 2013	-		1.263	6.007	15.345	
Integrated Logistics Support	C/CPAF	NGC:Bethpage, NY	0.000	0.000		0.720	Mar 2013	1.667	Mar 2014	-		1.667	3.257	5.644	5.644
Government Engineering Sup	WR	Naval Air Warfare Center Aircraft Division (NAWCAD:Pax River, MD	82.202	5.756	Nov 2011	7.646	Nov 2012	13.258	Nov 2013	-		13.258	68.663	177.525	
Government Engineering Support	WR	Naval Air Warfare Center Training Systems Division:Orlando, FL	9.404	0.722	Nov 2011	0.000		0.000		-		0.000	0.000	10.126	
Government Engineering Sup	Various	Various:Various	11.262	0.503	Nov 2011	1.262	Nov 2012	2.102	Nov 2013	-		2.102	8.873	24.002	
Contractor Engineering Supt ETS	C/CPFF	Wyle Labs:Huntsville, AL	21.353	2.162	Dec 2011	1.600	Dec 2012	3.570	Dec 2013	-		3.570	9.313	37.998	37.988
Contractor Engineering Support ETS	C/CPFF	Deloitte:Lexington Park, MD	3.356	0.427	Dec 2011	0.000		0.000		-		0.000	0.000	3.783	3.783
Technical Data	Various	Various:Various	0.133	0.120	Mar 2012	0.491	Mar 2013	1.108	Mar 2014	-		1.108	3.450	5.302	
Configuration Management	TBD	Various:Various	0.000	0.000		0.151	Dec 2012	0.347	Dec 2013	-		0.347	1.021	1.519	
Software Development	Various	NSMA:Arlington, VA	0.000	0.000		7.019	Nov 2012	0.236	Nov 2013	-		0.236	67.271	74.526	
Software Development	TBD	Various:Various	0.000	0.000		0.000		5.103	Apr 2014	-		5.103	108.719	113.822	
Prior Year Support costs no longer funded in FYDP	Various	Various:Various	29.908	0.000		0.000		0.000		-		0.000	0.000	29.908	
Subtotal			199.066	11.740		34.865		43.126		0.000		43.126	341.525	630.322	
Remarks															
Totals may not add due to rounding. Integrated Logistics Support, Government Engineering Support, Contractor Engineering Support, Technical Data and Configuration Management - various contractors and award dates throughout the fiscal year.															

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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 5: System Development & Demonstration (SDD)						R-1 ITEM NOMENCLATURE PE 0604234N: Advanced Hawkeye				PROJECT 3051: E-2D Adv Hawkeye					
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
Government Engineering Support and Contractor Support increases in FY14 for NIFC-CA Incr 1A Testing and multiple New Starts in that year which include TTNT, SIPRChat and Link-16/CEC.															
Test and Evaluation (\$ 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
Developmental Test & Evaluation (T&E)	WR	NAWCAD:Pax River, MD	68.918	0.000		20.844	Nov 2012	8.301	Nov 2013	-		8.301	112.895	210.958	
Developmental T & E	Various	Various:Various	25.965	1.411	Dec 2011	6.338	Dec 2012	5.073	Dec 2013	-		5.073	20.398	59.185	
Developmental T & E 1	WR	Various:Various	0.000	4.572	Mar 2012	3.898	Mar 2013	2.616	Mar 2014	-		2.616	25.451	36.537	
Developmental T&E ETS	C/CPFF	Wyle Labs:Huntsville, AL	9.373	2.972	Dec 2011	2.040	Dec 2012	0.000		-		0.000	0.000	14.385	14.385
Developmental T&E ETS	C/FFP	L-3 Communications:Newport News, VA	7.023	1.809	Dec 2011	1.125	Dec 2012	0.225	Dec 2013	-		0.225	1.741	11.923	11.923
Operational T & E	WR	NAWCAD:Pax River, MD	0.146	21.172	Nov 2011	0.865	Nov 2012	0.880	Nov 2013	-		0.880	14.467	37.530	
Operational T & E	Various	Various:Various	4.273	0.759	Dec 2011	0.000		0.000		-		0.000	0.500	5.532	
Developmental T & E	C/CPFF	Airborne Tactical Advantage Co, LLC:Pax River, MD	0.000	0.000		0.000		0.000		-		0.000	2.767	2.767	2.767
Developmental T&E ETS	Various	Various:Various	4.476	2.097	Dec 2011	0.000		0.000		-		0.000	0.000	6.573	
Developmental T & E	C/CPFF	Wyle Labs - ESTEL:Huntsville, AL	0.000	2.000	Jan 2012	2.060	Jan 2013	2.122	Jan 2014	-		2.122	16.228	22.410	22.410
Test Assets	TBD	NGC:Bethpage, NY	0.000	0.000		0.000		0.000		-		0.000	4.493	4.493	4.493
Prior Year T&E costs no longer funded in FYDP	Various	Various:Various	13.055	0.000		0.000		0.000		-		0.000	0.000	13.055	
Subtotal			133.229	36.792		37.170		19.217		0.000		19.217	198.940	425.348	

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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 5: System Development & Demonstration (SDD)						R-1 ITEM NOMENCLATURE PE 0604234N: Advanced Hawkeye				PROJECT 3051: E-2D Adv Hawkeye					
Test and Evaluation (\$ 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
Remarks Totals may not add due to rounding. Developmental Test & Evaluation (T&E), Developmental T&E, Engineering & Techncial Services and Operational T&E - various contractors and award dates throughout the fiscal year.															
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
Cont Eng Supp Management & Prof Supp Services (MSS)	Various	Various:Various	2.691	0.903	Dec 2011	0.192	Dec 2012	0.158	Dec 2013	-		0.158	0.783	4.727	
Cont Eng Supp MSS	C/CPFF	Wyle Labs:Huntsville, AL	10.938	0.345	Dec 2011	0.000		0.000		-		0.000	0.000	11.283	11.283
Govt Eng Support	WR	NAWCAD:Pax River, MD	10.562	0.610	Nov 2011	0.402	Nov 2012	0.848	Dec 2013	-		0.848	2.881	15.303	
Prog Management Supp	Various	Various:Various	1.920	0.095	Nov 2011	0.104	Nov 2012	0.068	Nov 2013	-		0.068	0.156	2.343	
Travel	Various	Various:Various	2.144	0.450	Oct 2011	0.405	Oct 2012	0.410	Oct 2013	-		0.410	1.888	5.297	
Prior Year Mgmt costs no longer funded in FYDP	Various	Various:Various	40.632	0.000		0.000		0.000		-		0.000	0.000	40.632	
Subtotal			68.887	2.403		1.103		1.484		0.000		1.484	5.708	79.585	
Remarks Totals may not add due to rounding. Contractor Engineering Support, Government Engineering Support, Program Support and Travel - various contractors and/or award dates throughout the fiscal year.															
			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			3,891.368	109.414		119.065		152.041		0.000		152.041	889.218	5,161.106	
Remarks Totals may not add due to rounding.															

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PE 0604234N: *Advanced Hawkeye*
Navy

R-1 Line #89

R-1 ITEM NOMENCLATURE

PE 0604234N: *Advanced Hawkeye*3051: *E-2D Adv Hawkeye*2014PB - 0604234N - 3051

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PE 0604234N: *Advanced Hawkeye*
Navy

R-1 Line #89

R-1 ITEM NOMENCLATURE

PE 0604234N: *Advanced Hawkeye*3051: *E-2D Adv Hawkeye*

2014PB - 0604234N - 3051

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PE 0604234N: *Advanced Hawkeye*
Navy

R-1 Line #89

R-1 ITEM NOMENCLATURE

PE 0604234N: *Advanced Hawkeye*3051: *E-2D Adv Hawkeye*[illegible]

2014PB - 0604234N - 3051

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PE 0604234N: *Advanced Hawkeye*
Navy

R-1 Line #89

R-1 ITEM NOMENCLATURE

PE 0604234N: *Advanced Hawkeye*3051: *E-2D Adv Hawkeye*[illegible]

2014PB - 0604234N - 3051

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Navy										DATE: April 2013																																																																																																			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)										R-1 ITEM NOMENCLATURE PE 0604234N: Advanced Hawkeye										PROJECT 3051: E-2D Adv Hawkeye																																																																																									
E-2D Tactical Targeting Networking Technology (TTNT)	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018																																																																																				
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q																																																																																	
System Development & Design																																																																																																													
TTNT MIDS/JTRS Integration																																																																																																													
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TTNT HPA Development & Design																																																																																																													
TTNT MIDS/JTRS/TTNT Integration																																																																																																													
																																																										PDR	■	CDR	■																																																
																																																																																					MIDS/JTRS/TTNT Integration																								
Test & Evaluation																																																																																																													
MIDS/JTRS Developmental Test/Operational Test																																																																																																													
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																																																																																					MIDS/JTRS/TTNT Developmental Test/Operational Test																								
Trainers																																																																																																													
Develop/Design WST 1																																																																																																													

2014PB - 0604234N - 3051

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PE 0604234N: *Advanced Hawkeye*
Navy

R-1 Line #89

R-1 ITEM NOMENCLATURE

PE 0604234N: *Advanced Hawkeye*3051: *E-2D Adv Hawkeye*

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Exhibit R-4, RDT&E Schedule Profile: PB 2014 Navy																DATE: April 2013																
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)												R-1 ITEM NOMENCLATURE PE 0604234N: Advanced Hawkeye								PROJECT 3051: E-2D Adv Hawkeye												
E-2D Iridium SIPRChat		FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018						
		1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			
Acquisition Milestones																																
Milestones													PDR ■		CDR ■			TRR ■														
System Development																																
Software Development													E-2D SIPRChat System Development & Design																			
													Router Integration																			
													Software Integration																			
Test & Evaluation																																
Developmental Flight Test																					VAL ▼	Flight Test										
Trainers																																
Trainer Development																						Design & Develop WST 1										
2014PB - 0604234N - 3051																																

2014PB - 0604234N - 3051

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PE 0604234N: *Advanced Hawkeye*
Navy

R-1 Line #89

APPROPRIATION/BUDGET ACTIVITY
1319: Research, Development, Test & Evaluation, Navy
BA 5: System Development & Demonstration (SDD)

PE 0604234N: *Advanced Hawkeye*3051: *E-2D Adv Hawkeye*

Link-16 Cooperative Engagement Capability (CEC) Interoperability Program	FY 2012				FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018			
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q
Systems Development																												
Software Development									Systems Engineering																			
									Systems Development																			
Test & Evaluation																												
Technical Evaluation																Functional Test ▼												
																	Perf Eval Test											

2014PB - 0604234N - 3051

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Navy			DATE: April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 5: <i>System Development & Demonstration (SDD)</i>	R-1 ITEM NOMENCLATURE PE 0604234N: <i>Advanced Hawkeye</i>	PROJECT 3051: <i>E-2D Adv Hawkeye</i>	

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
E-2D Adv Hawkeye				
Acquistion Milestones: Milestones: Acquistion Milestones - Full Rate Production (FRP)	2	2013	2	2013
Acquistion Milestones: Milestones: Acquistion Milestones - Initial Operational Capabilities	1	2015	1	2015
Test & Evaluation: Operational Evaluation: Test & Evaluation Milestones - Operational Test - Readiness Review	2	2012	2	2012
Test & Evaluation: Operational Evaluation: Test & Evaluation Milestones - Operational Evaluation	3	2012	4	2012
Test & Evaluation: Operational Evaluation: Verification of Correction of Deficiencies (VCD)	3	2013	1	2014
Test & Evaluation: Operational Evaluation: Integrated Test D2	2	2013	1	2014
Test & Evaluation: Operational Evaluation: Integrated Test D3	2	2014	4	2014
Test & Evaluation: Operational Evaluation: Follow On Test & Evaluation	1	2012	4	2017
Production Milestones: Contract Awards: Production Milestones - LRIP IV CA (5 A/C APN)	2	2012	2	2012
Production Milestones: Contract Awards: Production Milestones - FRP Lot I CA	3	2013	3	2013
Production Milestones: Contract Awards: Production Milestones - FRP Lot II CA	2	2014	2	2014
Production Milestones: Contract Awards: Production Milestones - FRP Lot III CA	2	2015	2	2015
Production Milestones: Contract Awards: Production Milestones - FRP Lot IV CA	2	2016	2	2016
Deliveries: Production Deliveries - LRIP I (2 A/C APN)	1	2012	1	2012
Deliveries: Production Deliveries - LRIP II (3 A/C APN)	3	2012	4	2013
Deliveries: Production Deliveries - LRIP III (5 A/C APN)	1	2014	4	2014
Deliveries: Production Deliveries - LRIP IV (5 A/C APN)	1	2015	3	2015

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Navy			DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)		R-1 ITEM NOMENCLATURE PE 0604234N: Advanced Hawkeye		PROJECT 3051: E-2D Adv Hawkeye	
		Start		End	
Events by Sub Project		Quarter	Year	Quarter	Year
Deliveries: Production Deliveries - FRP I (5 A/C)		4	2015	2	2016
Deliveries: Production Deliveries - FRP II (5 A/C)		3	2016	2	2017
Deliveries: Production Deliveries - FRP III (5 A/C)		3	2017	1	2018
Deliveries: Production Deliveries - FRP IV (6 A/C)		2	2018	4	2018
E-2D Adv Hawkeye IFR					
System Development: Hardware/Software Development: In-Flight Refueling - Valve Trade Study - Risk Reduction		1	2012	1	2013
System Development: Hardware/Software Development: In-Flight Refueling - Engineering & Manufacturing Development		2	2013	4	2018
System Development: Reviews: In-Flight Refueling - System Requirements Review2/ System Functional Review		1	2014	1	2014
System Development: Reviews: In-Flight Refueling - Preliminary Design Review		3	2014	3	2014
System Development: Reviews: In-Flight Refueling - Critical Design Review		3	2015	3	2015
System Development: Reviews: In-Flight Refueling - Test Readiness Review		1	2017	1	2017
System Development: Reviews: In-Flight Refueling - Production Readiness Review		3	2017	3	2017
System Development: Reviews: In-Flight Refueling - Operational Test Readiness Review		3	2018	3	2018
Test & Evaluation: Technical Evaluation: In-Flight Refueling - SIL Probe Static Test		3	2014	4	2018
Test & Evaluation: Technical Evaluation: In-Flight Refueling - Fuel Rig Test		1	2016	3	2016
Test & Evaluation: Technical Evaluation: In-Flight Refueling - Probe Static Test		1	2016	3	2016
Test & Evaluation: Technical Evaluation: In-Flight Refueling - Instrumentation/Aircraft Mod		1	2017	3	2017
Test & Evaluation: Technical Evaluation: In-Flight Refueling - First Flight		1	2017	1	2017
Test & Evaluation: Developmental Flight Test: Developmental Flight Test		1	2017	3	2018
Test & Evaluation: Developmental Flight Test: Flying Qualities Evaluation Test Phase 1		4	2013	1	2014
Test & Evaluation: Developmental Flight Test: Flying Qualities Evaluation Test Phase 2		3	2014	4	2014
E-2D Adv Hawkeye Guard Radio					

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Navy			DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)		R-1 ITEM NOMENCLATURE PE 0604234N: Advanced Hawkeye		PROJECT 3051: E-2D Adv Hawkeye	
		Start		End	
Events by Sub Project		Quarter	Year	Quarter	Year
System Development: Hardware Development: Guard Radio - System Integration Design		3	2012	4	2013
Test & Evaluation: Technical Evaluation: Guard Radio - SIL Integration & Test		3	2013	4	2014
Test & Evaluation: Technical Evaluation: Guard Radio - VAL		3	2014	3	2014
Test & Evaluation: Technical Evaluation: Guard Radio - Flight Test		4	2014	2	2015
E-2D Counter Electronic Attack					
System Development: Software Development: Counter Electronic Attack - SW Development		4	2013	1	2017
System Development: Software Development: Counter Electronic Attack - SIL Integration		2	2017	4	2017
Test & Evaluation: Developmental T&E: Counter Electronic Attack - DT&E Tech Evaluation		1	2018	3	2018
Test & Evaluation: Operational T&E: Counter Electronic Attack - OT&E		4	2018	4	2018
E-2D Tactical Targeting Networking Technology (TTNT)					
System Development & Design: TTNT MIDS/JTRS Integration: E-2D TTNT MIDS/JTRS Integration		2	2014	4	2016
System Development & Design: TTNT MIDS/JTRS Integration: TTNT - Preliminary Design Review		4	2014	4	2014
System Development & Design: TTNT MIDS/JTRS Integration: TTNT - Critical Design Review		2	2015	2	2015
System Development & Design: TTNT MIDS/JTRS Integration: TTNT -Test Readiness Review		4	2015	4	2015
System Development & Design: TTNT HPA Development & Design: TTNT Hight Power Amplifier Development & Design		2	2014	4	2017
System Development & Design: TTNT HPA Development & Design: TTNT High Power Amplifier Preliminary Design Review		1	2015	1	2015
System Development & Design: TTNT HPA Development & Design: TTNT High Power Amplifier Critical Design Review		3	2015	3	2015

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Navy			DATE: April 2013		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)		R-1 ITEM NOMENCLATURE PE 0604234N: Advanced Hawkeye		PROJECT 3051: E-2D Adv Hawkeye	
		Start		End	
Events by Sub Project		Quarter	Year	Quarter	Year
System Development & Design: TTNT MIDS/JTRS/TTNT Integration: E-2D MIDS/JTRS/TTNT Integration		3	2015	3	2018
System Development & Design: TTNT MIDS/JTRS/TTNT Integration: TTNT - Preliminary Design Review		1	2016	1	2016
System Development & Design: TTNT MIDS/JTRS/TTNT Integration: TTNT - Critical Design Review		4	2016	4	2016
System Development & Design: TTNT MIDS/JTRS/TTNT Integration: TTNT -Test Readiness Review		4	2017	4	2017
Test & Evaluation: MIDS/JTRS Developmental Test/Operational Test: Developmental Test - Operational Test		3	2016	3	2017
Test & Evaluation: MIDS/JTRS Developmental Test/Operational Test: MIDS/JTRS VAL		2	2016	2	2016
Test & Evaluation: MIDS/JTRS/TTNT Developmental Test/Operational Test: Developmental Test - Operational Test		1	2018	4	2018
Test & Evaluation: MIDS/JTRS/TTNT Developmental Test/Operational Test: MIDS/JTRS/TTNT VAL		1	2018	1	2018
Trainers: Trainer Developmnet & Design WST 1		1	2016	1	2017
E-2D Adv Hawkeye Link 16 Crypto Modernization					
System Development: Hardware Development: Link-16 Crypto Modernization - Multifunctional Information Distribution System Hardware Procurement		3	2013	4	2013
E-2D Iridium SIPRChat					
Acquisition Milestones: Milestones: SIPRChat - Preliminary Design Review		4	2014	4	2014
Acquisition Milestones: Milestones: SIPRChat - Critical Design Review		2	2015	2	2015
Acquisition Milestones: Milestones: SIPRChat -Test Readiness Review		1	2016	1	2016
System Development: Software Development: E-2D SIPRChat System Development & Design		3	2014	4	2017
System Development: Software Development: Router Integration		3	2014	4	2016
System Development: Software Development: Software Integration		4	2014	4	2016

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Exhibit R-4A, RDT&E Schedule Details: PB 2014 Navy			DATE: April 2013	
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 5: System Development & Demonstration (SDD)		R-1 ITEM NOMENCLATURE PE 0604234N: Advanced Hawkeye		PROJECT 3051: E-2D Adv Hawkeye
		Start		End
Events by Sub Project		Quarter	Year	Quarter Year
Test & Evaluation: Developmental Flight Test: SIPRChat VAL		1	2017	1 2017
Test & Evaluation: Developmental Flight Test: SIPRChat Flight Test		2	2017	4 2017
Trainers: Trainer Development: SIPRChat Trainer Design & Developo WST 1		2	2017	4 2017
Link-16 Cooperative Engagement Capability (CEC) Interoperability Program				
Systems Development: Software Development: Systems Engineering		1	2014	4 2018
Systems Development: Software Development: Systems Development		1	2014	4 2018
Test & Evaluation: Technical Evaluation: Functional Test		4	2015	4 2015
Test & Evaluation: Technical Evaluation: Performance Evaluation Test		4	2016	4 2016
Test & Evaluation: Technical Evaluation: Performance Evaluation Test II		4	2017	4 2017
Test & Evaluation: Technical Evaluation: Performance Evaluation Test III		4	2018	4 2018

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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 5: <i>System Development & Demonstration (SDD)</i>					R-1 ITEM NOMENCLATURE PE 0604234N: <i>Advanced Hawkeye</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> Adv Radar Innovation Fund - Air (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>												
N/A												
<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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Remarks