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Exhibit R-2, RDT&E Budget Item Justification: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319: <i>Research, Development, Test & Evaluation, Navy / BA 5: System Development & Demonstration (SDD)</i>	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>
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COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
Total Program Element	4,006.143	125.194	107.041	193.200	-	193.200	274.352	319.405	252.270	186.511	243.560	5,707.676
3051: <i>E-2D Adv Hawkeye</i>	3,998.294	116.206	107.041	193.200	-	193.200	274.352	319.405	252.270	186.511	243.560	5,690.839
9999: <i>Congressional Adds</i>	7.849	8.988	-	-	-	-	-	-	-	-	-	16.837

MDAP/MAIS Code: 364

The FY 2015 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, 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.

An In-Flight Refueling (IFR) 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.

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.

The E-2D Counter Electronic Attack (CEA) capability 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.

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The E-2D Secret Internet Protocol Router (SIPR) Chat 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.

The Tactical Targeting Networking Technology (TTNT) integrates 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.

The Link-16/Cooperative Engagement Capability (CEC) Interoperability Program will 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.

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.

B. Program Change Summary (\$ in Millions)	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total
Previous President's Budget	119.065	152.041	190.742	-	190.742
Current President's Budget	125.194	107.041	193.200	-	193.200
Total Adjustments	6.129	-45.000	2.458	-	2.458
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-45.000			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-2.702	-			
• Program Adjustments	-	-	2.204	-	2.204
• Rate/Misc Adjustments	-	-	0.254	-	0.254
• Congressional General Reductions Adjustments	-0.169	-	-	-	-
• Congressional Add Adjustments	9.000	-	-	-	-

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

Project: 9999: *Congressional Adds*

Congressional Add: *Adv Radar Innovation Fund - Air (Cong)*

	FY 2013	FY 2014
	8.988	-

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

	FY 2013	FY 2014
Congressional Add Subtotals for Project: 9999	8.988	-
Congressional Add Totals for all Projects	8.988	-

Change Summary Explanation

Technical: N/A

Schedule: Updated IFR Acquisition Milestone Reviews, Fuel Rig Test, Probe Static Test, Instrument A/C Modernization and First Flight. Updated TTNT and SIPRChat Acquisition Milestone Reviews. Updated Advanced Hawkeye Aircraft Quantities and Delivery Schedule. Updated Advanced Hawkeye to include FY2019 FRP V Aircraft Deliveries. Updated In-Flight Refueling (IFR) Flying Qualities Evaluation Tests, updated IFR Fuel Rig Test and the Probe Static Test, updated IFR Reviews, updated IFR First Flight, updated IFR SIL Test, E&MD and Developmental Flight Testing. Updated Link-16/Cooperative Engagement Capability Interoperability Program to incorporate software & System Integration Laboratory (SIL) testing and updated the flight test plan. Updated Guard Radio to remove flight testing that was completed during FY2013.

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Exhibit R-2A, RDT&E Project Justification: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>				Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
3051: <i>E-2D Adv Hawkeye</i>	3,998.294	116.206	107.041	193.200	-	193.200	274.352	319.405	252.270	186.511	243.560	5,690.839
Quantity of RDT&E Articles	0.000	-	-	-	-	-	-	-	-	-		

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

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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.

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.

The E-2D Counter Electronic Attack (CEA) capability 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.

The E-2D Secret Internet Protocol Router (SIPR)Chat 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.

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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The Tactical Targeting Networking Technology (TTNT) integrates 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.

An Advanced Mid-Term Interoperability Improvement Program (AMIIP) will 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 2013	FY 2014	FY 2015
<p>Title: System Development and Demonstration</p> <p align="right">Articles:</p> <p>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.</p> <p>FY 2013 Accomplishments: Funds provided to correct flight test deficiencies discovered during Initial Operational Test & Evaluation.</p> <p>FY 2014 Plans: Funds provided for Upper Transponder and Full Scale Fatigue Tests and costs associated with Initial Operational Capability (IOC) of the first E-2D squadron.</p> <p>FY 2015 Plans: Funds provided for continued support of Full Scale Fatigue Tests.</p>	<p>9.600</p> <p>-</p>	<p>19.558</p> <p>-</p>	<p>8.994</p> <p>-</p>
<p>Title: Naval Air Warfare Center Aircraft Division Engineering and Test Support</p> <p align="right">Articles:</p> <p>Description: Fund Government Engineering, Contractor Engineering, and Classified Engineering Support. Perform Government oversight. Execute test program risk reduction efforts.</p> <p>FY 2013 Accomplishments: 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.</p> <p>FY 2014 Plans:</p>	<p>29.315</p> <p>-</p>	<p>12.077</p> <p>-</p>	<p>6.957</p> <p>-</p>

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014	FY 2015
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.				
FY 2015 Plans: Funds provided for continued support of Follow-On Test & Evaluation and Developmental Testing Support.				
Title: NC-130H/E-2D Classified Programs		5.284	5.538	8.313
Articles:		-	-	-
Description: Provides support for the E-2D Advanced Hawkeye (AHE) Classified Development efforts.				
FY 2013 Accomplishments: Funding is for the continuation of E-2D AHE Classified Development efforts.				
FY 2014 Plans: Funding is for the continuation of E-2D AHE Classified Development efforts.				
FY 2015 Plans: Funding provided for the continuation of E-2D AHE Classified Development efforts.				
Title: Trainers		4.021	-	-
Articles:		-	-	-
Description: Funds the design, development and delivery of the trainers in support of the E-2D AHE program.				
FY 2013 Accomplishments: 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 Plans: N/A				
FY 2015 Plans: N/A				
Title: Mode 5/S		24.182	6.296	-
Articles:		-	-	-
Description: Mode 5/S is the replacement/upgrade to the existing Identification Friend or Foe system.				
FY 2013 Accomplishments:				

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014	FY 2015
<p>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.</p> <p>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.</p> <p>FY 2015 Plans: N/A</p>				
<p>Title: In-Flight Refueling</p> <p align="right">Articles:</p> <p>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.</p> <p>FY 2013 Accomplishments: Funding is provided for the start of Engineering & Manufacturing Development (E&MD) of In-Flight Refueling and continued system development efforts.</p> <p>FY 2014 Plans: Funding provided for continued Engineering & Manufacturing Development (E&MD) of In-Flight Refueling and System Integration Laboratory (SIL) testing. FY 2014 decrease is due to a Congressional Directed reduction that provided a program decrease to In-Flight Refueling.</p> <p>FY 2015 Plans: Funding provided for continued Engineering & Manufacturing Development (E&MD) of In-Flight Refueling, System Integration Laboratory (SIL) testing, Fuel Rig Testing, Integrated Program Review, Critical Design Review and install on AA1. Funding also provided to ramp up subcontractor support that was slowed down due to the mark in FY 2014.</p>		33.080	24.731	84.044
		-	-	-
<p>Title: Guard Radio</p> <p align="right">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</p>		3.346	-	-
		-	-	-

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014	FY 2015
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.				
FY 2013 Accomplishments: Funds provided for continued engineering and systems integration support.				
FY 2014 Plans: N/A				
FY 2015 Plans: N/A				
Title: E-2D Counter Electronic Attack		6.642	0.224	11.178
		Articles: -	-	-
Description: Funds the mission system development and testing of the capability to counter advanced radar electronic attack threats. The E&MD effort will focus on integration of capability in the radar and mission computer display systems that include system integration, and laboratory and flight test validation.				
FY 2013 Accomplishments: Funds provided for initiation of E&MD for E-2D Counter Electronic Attack capability.				
FY 2014 Plans: Funds provided for continuation of E&MD for the E-2D Counter Electronic Attack capability. Decrease in FY 2014 is due to a R&D rephase which is corrected in FY 2015 and out.				
FY 2015 Plans: Funds the software development of the radar and mission computer systems that will provide the capability to counter advanced radar electronic attack threats.				
Title: Tactical Targeting Networking Technology		-	17.091	38.149
		Articles: -	-	-
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.				
FY 2013 Accomplishments: N/A				
FY 2014 Plans:				

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Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>		
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2013	FY 2014	FY 2015
Funding is provided for Development, Design and Support costs.				
FY 2015 Plans: Funding is provided for continued Development, Design and Support costs, hardware and software associated with MIDS/JTRS/TTNT integration and lab testing.				
Title: Link-16/Crypto Modernization		0.736	-	-
		Articles:	-	-
Description: This effort was previously included under Naval Air Warfare Center Aircraft Division Engineering and Test Support.				
FY 2013 Accomplishments: Funds provided for Systems Hardware Development.				
FY 2014 Plans: N/A				
FY 2015 Plans: N/A				
Title: SIPRChat		-	4.845	9.828
		Articles:	-	-
FY 2013 Accomplishments: N/A				
FY 2014 Plans: Funds provided for System Development & Design, Software and Router Integration.				
FY 2015 Plans: Funds provided for continued System Development & Design, Software and Router Integration, Program Design Review and Critical Design Review.				
Title: Naval Integrated Fire Control Counter Air Testing		-	10.000	8.720
		Articles:	-	-
FY 2013 Accomplishments: N/A				
FY 2014 Plans: Funds provided for software development support and developmental flight tests.				
FY 2015 Plans:				

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B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2013	FY 2014	FY 2015
Funds provided for continued software development support and developmental flight tests.			
Title: Link-16/Cooperative Engagement Capability (CEC) Interoperability Program	-	6.681	17.017
Articles:	-	-	-
FY 2013 Accomplishments: N/A			
FY 2014 Plans: Funds provided for systems engineering and systems development support.			
FY 2015 Plans: Funds provided for continued systems engineering, systems development support and software integration.			
Accomplishments/Planned Programs Subtotals	116.206	107.041	193.200

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

Line Item	FY 2013	FY 2014	FY 2015			FY 2016	FY 2017	FY 2018	FY 2019	Cost To	
			Base	OCO	Total					Complete	Total Cost
• APN/0195: <i>E-2D AHE</i>	898.463	1,224.195	1,045.635	-	1,045.635	1,118.823	1,083.814	932.913	1,158.548	4,851.899	19,408.086
• APN/0605: <i>Initial Spares - E-2</i>	35.791	16.612	7.582	-	7.582	7.882	11.051	15.339	16.430	16.848	445.396
• APN/0544: <i>E-2 Series</i>	-	6.141	12.776	-	12.776	17.627	21.135	74.176	77.649	634.022	843.526

Remarks

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 2015 Navy **Date:** March 2014

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Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Primary Hardware Development	SS/CPAF	Northrop Grumman Corporation (NGC) : Bethpage, NY	2,914.440	13.735	Feb 2013	20.102	Feb 2014	11.349	Feb 2015	-		11.349	75.291	3,034.917	3,034.917
Primary Hardware Development - SIPRChat	C/CPIF	Northrop Grumman Corporation (NGC) : Bethpage, NY	0.000	-		1.300	Apr 2014	3.309	Apr 2015	-		3.309	12.012	16.621	16.621
Primary Hardware Development - NIFCA Test	C/CPIF	Northrop Grumman Corporation (NGC) : Bethpage, NY	0.000	-		1.562	Apr 2014	-		-		-	-	1.562	1.562
Primary Hardware Development - TTNT	C/CPIF	Northrop Grumman Corporation (NGC) : Bethpage, NY	0.000	-		6.804	Apr 2014	17.930	Apr 2015	-		17.930	35.652	60.386	60.386
Primary Hardware - In-Flight Refueling	SS/CPAF	Northrop Grumman Corporation (NGC) : Bethpage, NY	4.556	25.880	Mar 2013	16.739	Mar 2014	82.744	Mar 2015	-		82.744	215.172	345.091	345.091
Training Development	C/CPIF	Rockwell Collins : Cedar Rapids, IA	120.271	2.794	May 2013	-		-		-		-	-	123.065	123.065
Training Development	C/CPIF	Lockheed Martin : Liverpool, NY	6.972	-		-		-		-		-	-	6.972	6.972
Systems Engineering	PO	Navy Syst Mgt Activity : Arlington, VA	174.488	0.500	Mar 2013	-		-		-		-	-	174.988	-
GFE	Various	Various : Various	31.509	-		2.491	May 2014	-		-		-	2.718	36.718	-
Award Fees	SS/CPAF	NGC : Bethpage, NY	147.891	2.812	Oct 2013	0.746	Oct 2014	-		-		-	-	151.449	151.449
Training Development	TBD	TBD : TBD	0.000	-		-		1.063	Feb 2015	-		1.063	51.683	52.746	-
Prior Year Prod Dev costs no longer funded in FYDP	Various	Various : Various	168.042	-		-		-		-		-	-	168.042	-
Primary Hardware Development - Added Capabilities NAVWAR	SS/CPFF	Northrop Grumman Corporation (NGC) : Bethpage, NY	0.000	-		-		-		-		-	21.694	21.694	21.694
Subtotal			3,568.169	45.721		49.744		116.395		-		116.395	414.222	4,194.251	-

Remarks
Totals may not add due to rounding.

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy **Date:** March 2014

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Product Development (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Award Fee:															
Period 1 FY04 - 90% Period 7 FY08 - 94% Period 13 FY13 - 93%															
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%															

Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Development Support	Various	Various : Various	9.400	-		-		2.161	Nov 2014	-		2.161	-	11.561	-
Software Development	SS/CPPIF	NGC : Bethpage, NY	26.273	10.343	Apr 2013	8.225	Apr 2014	14.651	Apr 2015	-		14.651	105.717	165.209	165.209
Integrated Logistics Support	Various	Various : Various	7.825	0.150	Nov 2012	1.018	Nov 2013	1.697	Nov 2014	-		1.697	11.824	22.514	-
Integrated Logistics Support	C/CPAF	NGC : Bethpage, NY	0.000	0.247	Mar 2013	-	Mar 2014	-	Mar 2015	-		-	-	0.247	0.247
Government Engineering Sup	WR	Naval Air Warfare Center Aircraft Division (NAWCAD : Pax River, MD	77.878	6.781	Nov 2012	11.791	Nov 2013	9.643	Nov 2014	-		9.643	131.475	237.568	-
Government Engineering Support	WR	Naval Air Warfare Center Training Systems Division : Orlando, FL	10.126	1.226	Nov 2012	-		-		-		-	0.622	11.974	-
Government Engineering Sup	Various	Various : Various	11.765	0.353	Nov 2012	0.711	Nov 2013	0.910	Nov 2014	-		0.910	0.539	14.278	-
Contractor Engineering Supt ETS	C/CPFF	Wyle Labs : Huntsville, AL	23.088	0.463	Dec 2012	-		-		-		-	-	23.551	23.551
Technical Data	Various	Various : Various	0.253	0.491	Mar 2013	0.506	Mar 2014	0.550	Mar 2015	-		0.550	1.986	3.786	-
Configuration Management	Various	Various : Various	0.050	0.151	Dec 2012	0.154	Dec 2013	0.100	Dec 2014	-		0.100	0.652	1.107	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy												Date: March 2014			
Appropriation/Budget Activity 1319 / 5						R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>				Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>					

Support (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Software Development	Various	Navy Syst Mgt Activity : Arlington, VA	0.000	11.211	Nov 2012	5.998	Nov 2013	18.773	Nov 2014	-		18.773	71.014	106.996	-
Software Development	C/CPIF	Northrop Grumman Corporation (NGC) : Bethpage, NY	0.000	-		5.122	Apr 2014	17.894	Apr 2015	-		17.894	222.377	245.393	245.393
Prior Year Support costs no longer funded in FYDP	Various	Various : Various	22.721	-		-		-		-		-	-	22.721	-
Contractor Engineering Support ETS	C/CPFF	Imagine One : Colonial Beach, VA	0.000	1.137	Mar 2013	1.829	Jan 2014	0.442	Jan 2015	-		0.442	2.281	5.689	5.689
Subtotal			189.379	32.553		35.354		66.821		-		66.821	548.487	872.594	-

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.

Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Developmental Test & Evaluation (T&E)	WR	NAWCAD : Pax River, MD	68.918	18.013	Nov 2012	9.753	Nov 2013	5.348	Nov 2014	-		5.348	191.396	293.428	-
Developmental T & E	Various	Various : Various	27.376	7.127	Dec 2012	5.073	Dec 2013	-		-		-	20.828	60.404	-
Developmental T & E 1	WR	Various : Various	4.572	3.897	Mar 2013	2.616	Mar 2014	1.632	Mar 2015	-		1.632	29.412	42.129	-
Developmental T&E ETS	C/CPFF	Wyle Labs : Huntsville, AL	12.345	2.040	Dec 2012	-		-		-		-	-	14.385	14.385
Developmental T&E ETS	C/FFP	L-3 Communications : Newport News, VA	10.322	3.725	Dec 2012	0.225	Dec 2013	0.225	Dec 2014	-		0.225	1.796	16.293	16.293
Operational T & E	WR	NAWCAD : Pax River, MD	21.318	0.865	Nov 2012	0.880	Nov 2013	0.895	Nov 2014	-		0.895	41.515	65.473	-
Operational T & E	Various	Various : Various	5.032	-		-		-		-		-	0.500	5.532	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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Test and Evaluation (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Developmental T & E	C/CPFF	Airborne Tactical Advantage Co, LLC : Pax River, MD	0.000	-		-		-		-		-	2.767	2.767	2.767
Developmental T&E ETS	Various	Various : Various	6.573	-		-		-		-		-	-	6.573	-
Developmental T & E	C/CPFF	Wyle Labs - ESTEL : Huntsville, AL	2.000	2.060	Jan 2013	2.122	Jan 2014	0.985	Jan 2015	-		0.985	7.443	14.610	14.610
Test Assets	C/CPAF	NGC : Bethpage, NY	3.900	-		-		-	Mar 2015	-		-	11.112	15.012	15.012
Prior Year T&E costs no longer funded in FYDP	Various	Various : Various	9.155	-		-		-		-		-	-	9.155	-
Subtotal			171.511	37.727		20.669		9.085		-		9.085	306.769	545.761	-

Remarks

Totals may not add due to rounding.
 Developmental Test & Evaluation (T&E), Developmental T&E, Engineering & Technical Services and Operational T&E - various contractors and award dates throughout the fiscal year.

Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Cont Eng Supp Management & Prof Supp Services (MSS)	Various	Various : Various	3.594	-		0.157	Dec 2013	0.161	Dec 2014	-		0.161	0.854	4.766	-
Cont Eng Supp MSS	C/CPFF	Wyle Labs : Huntsville, AL	11.283	-		-		-		-		-	-	11.283	11.283
Govt Eng Support	WR	NAWCAD : Pax River, MD	11.172	0.049	Nov 2012	0.639	Nov 2013	0.449	Nov 2014	-		0.449	1.741	14.050	-
Prog Management Supp	Various	Various : Various	2.015	0.075	Nov 2012	0.068	Nov 2013	0.026	Nov 2014	-		0.026	0.199	2.383	-
Travel	Various	Various : Various	2.594	0.081	Oct 2012	0.410	Oct 2013	0.263	Oct 2014	-		0.263	3.823	7.171	-
Prior Year Mgmt costs no longer funded in FYDP	Various	Various : Various	38.577	-		-		-		-		-	-	38.577	-
Subtotal			69.235	0.205		1.274		0.899		-		0.899	6.617	78.230	-

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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Management Services (\$ in Millions)				FY 2013		FY 2014		FY 2015 Base		FY 2015 OCO		FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			

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.

	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO	FY 2015 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	3,998.294	116.206	107.041	193.200	-	193.200	1,276.095	5,690.836	-

Remarks
 Totals may not add due to rounding.

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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E-2D Adv Hawkeye	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	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	FRP ◆								IOC ▲																					
Test & Evaluation																														
Technical Evaluation																														
Operational Evaluation			VCD																											
			ITD2		ITD3																									
	FOT&E																													
Production Milestones																														
Contract Awards			FRP CA ●		FRP Lot 2 CA ●				FRP Lot 3 CA ●				FRP Lot 4 CA ●																	
Deliveries																														
			LRIP 2 - 3 A/C APN		LRIP 3 5 A/C APN		LRIP 4 - 5 A/C APN		FRP 1 5 A/C		FRP 2 - 5 A/C		FRP 3 - 4 A/C		FRP IV - 5 A/C		FRP V - 6 A/C													

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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E-2D Adv Hawkeye IFR	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019					
	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																														
Hardware/Software Development	Risk Reduction				E&MD																									
Reviews					SRR/SFR				PDR				CDR				TRR	PRR							OTRR					
Test & Evaluation																														
Technical Evaluation									SIL Test																					
Developmental Flight Test					FQ Eval Phase 1 & 2								Fuel Rig Test				Probe Static Test													
													Instr-A/C Modern.				First Fit ▼													

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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E-2D Counter Electronic Attack	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019							
	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																																
Software Development					SW Developmnet												SIL Integration															
Test & Evaluation																									Dev T&E							
Developmental T&E																									Operational T&E							
Operational T&E																																

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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E-2D Tactical Targeting Networking Technology (TTNT)	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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	<div style="display: flex; justify-content: space-between; width: 100%;"> MIDS/JTRS Integration </div>																											
TTNT HPA Development & Design	<div style="display: flex; justify-content: space-between; width: 100%;"> HPA Development & Design </div>																											
TTNT MIDS/JTRS/TTNT Integration	<div style="display: flex; justify-content: space-between; width: 100%;"> MIDS/JTRS/TTNT Integration </div>																											
Test & Evaluation																												
MIDS/JTRS Developmental Test/Operational Test	<div style="display: flex; justify-content: space-between; width: 100%;"> DT/OT </div>																											
MIDS/JTRS/TTNT Developmental Test/Operational Test	<div style="display: flex; justify-content: space-between; width: 100%;"> DT/OT </div>																											

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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E-2D Adv Hawkeye Link 16 Crypto Modernization	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019							
	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																																
Hardware Development			Sys Hdwr Proc																													

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Exhibit R-4, RDT&E Schedule Profile: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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E-2D SIPRChat	FY 2013				FY 2014				FY 2015				FY 2016				FY 2017				FY 2018				FY 2019			
	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 Aircraft Integration																											
	Router Development & Design																											
	Software Integration																											
Test & Evaluation																												
Developmental Flight Test																												
	VAL ▼																											
	Flight Test																											
Trainers																												
Trainer Development																												
	Design & Develop WST 1																											
Page/Group/Row																												
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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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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: 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	2013	4	2017
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 II (3 A/C APN)	3	2013	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	4	2015
Deliveries: Production Deliveries - FRP I (5 A/C)	1	2016	3	2016
Deliveries: Production Deliveries - FRP II (5 A/C)	4	2016	3	2017
Deliveries: Production Deliveries - FRP III (4 A/C)	4	2017	3	2018
Deliveries: Production Deliveries - FRP IV (5 A/C)	4	2018	2	2019
Deliveries: Production Deliveries - FRP V (6 A/C)	3	2019	4	2019
E-2D Adv Hawkeye IFR				
System Development: Hardware/Software Development: In-Flight Refueling - Valve Trade Study - Risk Reduction	1	2013	1	2013

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
System Development: Hardware/Software Development: In-Flight Refueling - Engineering & Manufacturing Development	2	2013	4	2019
System Development: Reviews: In-Flight Refueling - System Requirements Review2/ System Functional Review	2	2014	2	2014
System Development: Reviews: In-Flight Refueling - Preliminary Design Review	2	2015	2	2015
System Development: Reviews: In-Flight Refueling - Critical Design Review	2	2016	2	2016
System Development: Reviews: In-Flight Refueling - Test Readiness Review	3	2017	3	2017
System Development: Reviews: In-Flight Refueling - Production Readiness Review	4	2017	4	2017
System Development: Reviews: In-Flight Refueling - Operational Test Readiness Review	1	2019	1	2019
Test & Evaluation: Technical Evaluation: In-Flight Refueling - SIL Probe Static Test	3	2014	4	2019
Test & Evaluation: Technical Evaluation: In-Flight Refueling - Fuel Rig Test	3	2015	4	2015
Test & Evaluation: Technical Evaluation: In-Flight Refueling - Probe Static Test	3	2016	1	2017
Test & Evaluation: Technical Evaluation: In-Flight Refueling - Instrumentation/Aircraft Mod	3	2016	3	2017
Test & Evaluation: Technical Evaluation: In-Flight Refueling - First Flight	3	2017	3	2017
Test & Evaluation: Developmental Flight Test: Developmental Flight Test	3	2017	4	2019
Test & Evaluation: Developmental Flight Test: Flying Qualities Evaluation Test Phase 1 & 2	4	2013	4	2014
<i>E-2D Adv Hawkeye Guard Radio</i>				
System Development: Hardware Development: Guard Radio - System Integration Design	3	2013	4	2013
Test & Evaluation: Technical Evaluation: Guard Radio - SIL Integration & Test	3	2013	2	2014
Test & Evaluation: Technical Evaluation: Guard Radio - VAL	2	2014	2	2014
<i>E-2D Counter Electronic Attack</i>				
System Development: Software Development: Counter Electronic Attack - SW Development	4	2013	1	2017

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
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	2019
<i>E-2D Tactical Targeting Networking Technology (TTNT)</i>				
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	2	2015	2	2015
System Development & Design: TTNT MIDS/JTRS Integration: TTNT - Critical Design Review	3	2015	3	2015
System Development & Design: TTNT MIDS/JTRS Integration: TTNT -Test Readiness Review	4	2015	4	2015
System Development & Design: TTNT HPA Development & Design: TTNT High Power Amplifier Development & Design	2	2014	4	2017
System Development & Design: TTNT HPA Development & Design: TTNT High Power Amplifier Critical Design Review	3	2015	3	2015
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	2	2016	2	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	2	2017	2	2017
Test & Evaluation: MIDS/JTRS Developmental Test/Operational Test: Developmental Test - Operational Test	1	2016	4	2016
Test & Evaluation: MIDS/JTRS Developmental Test/Operational Test: MIDS/JTRS VAL	1	2016	1	2016

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
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
<i>E-2D Adv Hawkeye Link 16 Crypto Modernization</i>				
System Development: Hardware Development: Link-16 Crypto Modernization - Multifunctional Information Distribution System Hardware Procurement	3	2013	4	2013
<i>E-2D SIPRChat</i>				
Acquisition Milestones: Milestones: SIPRChat - Preliminary Design Review	2	2015	2	2015
Acquisition Milestones: Milestones: SIPRChat - Critical Design Review	3	2015	3	2015
Acquisition Milestones: Milestones: SIPRChat -Test Readiness Review	3	2016	3	2016
System Development: Software Development: E-2D SIPRChat Aircraft Integration	3	2014	4	2017
System Development: Software Development: Router Development & Design	3	2014	4	2016
System Development: Software Development: Software Integration	4	2014	4	2016
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
<i>Link-16 Cooperative Engagement Capability (CEC) Interoperability Program</i>				
Acquisition Milestones: Milestones: System Readiness Review	3	2014	3	2014
Acquisition Milestones: Milestones: Preliminary Design Review	1	2015	1	2015
Acquisition Milestones: Milestones: Critical Design Review	2	2015	2	2015
Systems Development: Software Development: Systems Engineering	1	2014	4	2018
Systems Development: Software Development: Systems Development	1	2014	4	2018
Systems Development: Software Development: Software Integration	2	2015	4	2016
Systems Development: Software Development: System Integration Lab Integration	4	2015	3	2016
Test & Evaluation: Technical Evaluation: Functional Test	4	2015	4	2015
Test & Evaluation: Technical Evaluation: Flight Test	2	2016	4	2016

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Exhibit R-4A, RDT&E Schedule Details: PB 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>	Project (Number/Name) 3051 / <i>E-2D Adv Hawkeye</i>
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Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
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 2015 Navy **Date:** March 2014

Appropriation/Budget Activity 1319 / 5					R-1 Program Element (Number/Name) PE 0604234N / <i>Advanced Hawkeye</i>				Project (Number/Name) 9999 / <i>Congressional Adds</i>			
COST (\$ in Millions)	Prior Years	FY 2013	FY 2014	FY 2015 Base	FY 2015 OCO #	FY 2015 Total	FY 2016	FY 2017	FY 2018	FY 2019	Cost To Complete	Total Cost
9999: <i>Congressional Adds</i>	7.849	8.988	-	-	-	-	-	-	-	-	-	16.837
Quantity of RDT&E Articles	0.000	-	-	-	-	-	-	-	-	-	-	

The FY 2015 OCO Request will be submitted at a later date.

A. Mission Description and Budget Item Justification

Congressional Add

B. Accomplishments/Planned Programs (\$ in Millions)

	FY 2013	FY 2014
<i>Congressional Add:</i> Adv Radar Innovation Fund - Air (Cong)	8.988	-
<i>FY 2013 Accomplishments:</i> N/A		
<i>FY 2014 Plans:</i> N/A		
Congressional Adds Subtotals	8.988	-

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

N/A

Remarks

D. Acquisition Strategy

Not required for Congressional Adds

E. Performance Metrics

Not required for Congressional Adds

