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 0604269N: *EA-18 Squadrons*						

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	1,778.411	14.770	13.009	11.138	-	11.138	19.563	16.438	16.383	14.149	Continuing	Continuing
3063: *EA-18G Development*	1,778.411	14.770	13.009	11.138	-	11.138	19.563	16.438	16.383	14.149	Continuing	Continuing

MDAP/MAIS Code(s): 378

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

Note

The EA-18G Development program is no longer a Major Defense Acquisition Program due to the nature of the current requirements of the program.

A. Mission Description and Budget Item Justification

The EA-18G is replacing the EA-6B aircraft as the primary Electronic Attack platform supporting the Navy and Marine Corps, as the EA-6B is fully phased out the EA-18G will be the sole EA aircraft in the inventory.

B. Program Change Summary ($ in Millions)

	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	17.100	13.009	15.311	-	15.311
Current President's Budget	14.770	13.009	11.138	-	11.138
Total Adjustments	-2.330	0.000	-4.173	-	-4.173
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-1.948	0.000			
• SBIR/STTR Transfer	-0.382	0.000			
• Program Adjustments	0.000	0.000	-3.033	-	-3.033
• Rate/Misc Adjustments	0.000	0.000	-1.140	-	-1.140

Change Summary Explanation

Technical: Not applicable.

Schedule: FRP delivery end date moved from 3Q13 to 2Q15, updated to reflect current EA-18G program of record. Uneven funding profile reflects impact of $3M under-execution re-phasing mark from FY14 into FY15. Obsolescence redesign program added beginning in FY14.

Exhibit R-2A, RDT&E Project 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 0604269N: EA-18 Squadrons					PROJECT 3063: EA-18G Development	

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
3063: EA-18G Development	1,778.411	14.770	13.009	11.138	-	11.138	19.563	16.438	16.383	14.149	Continuing	Continuing
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 EA-18G is the replacement aircraft for the EA-6B. The EA-18G development program upgrades the EA-6B's Airborne Electronic Attack (AEA) capability to detect, identify, locate and suppress hostile emitters; provides enhanced connectivity to National, Theater and Strike assets; and provides organic precision emitter targeting for employment of onboard suppression weapons (High-speed Anti-Radiation Missile family) to fulfill operational requirements. The performance of the aircraft is compatible with the primary strike/fighter aircraft projected to be in the inventory, allowing it to be fully integrated into specific strike packages.

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	FY 2012	FY 2013	FY 2014
Title: EA-18G Design and Avionics Integration	7.921	2.859	1.151
Articles:	0	0	0

Description: The EA-18G has the capability to operate autonomously or as a major node in a network-centric operation and is being designed to perform a range of Electronic Warfare/Electronic Attack functions either simultaneously or independently. Funding will be utilized for design and integration of avionics systems into the EA-18G.

FY 2012 Accomplishments:
Continue Air Vehicle design and integration of avionics into the EA-18G.

FY 2013 Plans:
Continue Air Vehicle design and integration of avionics into the EA-18G. Main effort will be the continuing integration of improvements developed through the Jamming Techniques Optimization (JATO) teams. Funded JATO efforts have been significantly reduced from prior years to support the development of software related capabilities.

FY 2014 Plans:
Continue Air Vehicle design and integration of avionics into the EA-18G. Main effort will be the continuing integration of improvements developed through the Jamming Techniques Optimization (JATO) teams. Funded JATO efforts have been significantly reduced from prior years to support the development of software related capabilities.

Title: EA-18G Software Development	6.849	9.550	9.756
Articles:	0	0	0

Exhibit R-2A, **RDT&E Project 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 0604269N: *EA-18 Squadrons*	**PROJECT** 3063: *EA-18G Development*

B. Accomplishments/Planned Programs ($ in Millions, Article Quantities in Each)	**FY 2012**	**FY 2013**	**FY 2014**
Description: Continued capability enhancements to improve the EA-18G Airborne Electronic Attack capabilities are predominantly realized through evolutionary software upgrades. Funding will be utilized to develop improved software capabilities for the EA-18G through System Configuration Set block software updates. *FY 2012 Accomplishments:* Continue software development of the EA-18G. *FY 2013 Plans:* Funded software development efforts have been significantly increased to support the expanded development requirements of software related capabilities. FY13 funds will continue System Configuration Set (SCS) block software development and integration for the EA-18G, specifically SCS builds 25X, 27X, H10 and H12. *FY 2014 Plans:* Funded software development efforts have been significantly increased to support the expanded development requirements of software related capabilities. FY14 funds will continue System Configuration Set (SCS) block software development and integration for the EA-18G, specifically SCS builds 25X, 27X, H10 and H12.			
Title: EA-18G Developmental & Operational Testing *Articles:* *Description:* Funding will be utilized to support required test phases of the EA-18G. *FY 2013 Plans:* Perform operational test of EA-18G avionics upgrades and System Configuration Set block software updates that were deferred from FY12. *FY 2014 Plans:* Continued operational test of EA-18G avionics upgrades and System Configuration Set block software updates.	0.000	0.600 0	0.131 0
Title: EA-18G Obsolescence Redesign *Articles:* *Description:* Develop and test design modifications to address obsolescence issues. *FY 2014 Plans:* Develop and test design modifications to hardware components and software systems in response to EA-18G weapon system and ancillary equipment obsolescence issues.	0.000	0.000	0.100 0
Accomplishments/Planned Programs Subtotals	14.770	13.009	11.138

Exhibit R-2A, RDT&E Project 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 0604269N: *EA-18 Squadrons*	**PROJECT** 3063: *EA-18G Development*

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/014300: *EA-18G*	989.577	1,027.443	2,001.787		2,001.787	45.583	0.000	0.000	0.000	0.000	10,663.106
• APN/05250: *F-18 Series (OSIP 011-10)*	8.750	6.693	23.212		23.212	44.478	16.555	16.746	37.671	188.500	345.389
• RDTEN/1662: *F/A-18 Improvement*	97.361	124.223	128.032		128.032	113.345	101.963	73.568	86.854	Continuing	Continuing

Remarks

D. Acquisition Strategy

The program achieved Full Rate Production in November 2009. Contractual studies are underway for Operational Requirement Document core Block II activities and those efforts will be integrated into the overall EA-18G plan/roadmap as resources permit. EA-18G software upgrades are incrementally developed, integrated and fielded. Software development and integration are coordinated efforts between government activities and industry partners to field capability upgrades to the EA-18G fleet.

E. Performance Metrics

Completion of Full Rate Production Delivery of EA-18G aircraft scheduled for 2nd Quarter FY2015.

Complete incorporation of EA-18G specific upgrades into the System Configuration Set block software builds to meet planned Fleet Release dates.

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 0604269N: *EA-18 Squadrons*	**PROJECT** 3063: *EA-18G Development*

Product Development ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Systems Engineering (System Configuration Set / Software)	WR	NAWCAD:Pax River, MD	30.396	0.000		0.014	Nov 2012	0.000		-		0.000	Continuing	Continuing	Continuing
Systems Engineering (SCS/SW)	WR	NAWCWD:China Lake, CA	80.230	0.466	Nov 2011	0.375	Nov 2012	0.362	Nov 2013	-		0.362	Continuing	Continuing	Continuing
Systems Engineering (JATO/SCS/SW)	WR	NAWCWD:Pt. Mugu, CA	48.720	9.062	Dec 2011	9.036	Nov 2012	9.128	Nov 2013	-		9.128	Continuing	Continuing	Continuing
Systems Engineering (JATO)	WR	NSCW Det:Crane, IN	14.012	0.250	Nov 2011	0.275	Nov 2012	0.000		-		0.000	Continuing	Continuing	Continuing
Systems Engineering (JATO)	WR	Naval Research Laboratory:Washington, DC	1.072	0.950	Dec 2011	0.599	Feb 2013	0.200	Feb 2014	-		0.200	Continuing	Continuing	Continuing
Systems Engineering (JATO)	WR	NAVSEASYSCOM:Washington, DC	2.414	1.900	Apr 2012	0.500	Feb 2013	0.250	Feb 2014	-		0.250	Continuing	Continuing	Continuing
Prior Year Dev cost no longer funded in FYDP	Various	Various:Various	1,078.974	0.000		0.000		0.000		-		0.000	0.000	1,078.974	
Subtotal			1,255.818	12.628		10.799		9.940		0.000		9.940			

Support ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Integrated Logistics Support	WR	Various:Various	4.876	0.494	Nov 2011	0.000		0.000		-		0.000	Continuing	Continuing	Continuing
Obsolescence Redesign	TBD	TBD:TBD	0.000	0.000		0.000		0.100	Jun 2014	-		0.100	Continuing	Continuing	Continuing
Prior Year Support cost no longer funded in FYDP	Various	Various:Various	230.419	0.000		0.000		0.000		-		0.000	0.000	230.419	
Subtotal			235.295	0.494		0.000		0.100		0.000		0.100			

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 0604269N: *EA-18 Squadrons*	PROJECT 3063: *EA-18G Development*

Test and Evaluation ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Integration & Operational Testing	WR	Various:Various	111.707	0.000		0.600	Nov 2012	0.131	Nov 2013	-		0.131	Continuing	Continuing	Continuing
Prior Year T&E cost no longer funded in FYDP	Various	Various:Various	106.400	0.000		0.000		0.000		-		0.000	0.000	106.400	
Subtotal			218.107	0.000		0.600		0.131		0.000		0.131			

Management Services ($ in Millions)

Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	FY 2012 Cost	FY 2012 Award Date	FY 2013 Cost	FY 2013 Award Date	FY 2014 Base Cost	FY 2014 Base Award Date	FY 2014 OCO Cost	FY 2014 OCO Award Date	FY 2014 Total Cost	Cost To Complete	Total Cost	Target Value of Contract
Program Management Support (Seaport-CSS)	C/CPFF	Wyle Lab:Pax River, MD	12.212	0.321	Nov 2011	0.331	Nov 2012	0.175	Nov 2013	-		0.175	1.073	14.112	14.112
Government Engineering Support	WR	NAWCAD:Pax River, MD	31.366	0.731	Nov 2011	0.714	Nov 2012	0.478	Nov 2013	-		0.478	Continuing	Continuing	Continuing
Program Management Support	WR	NAWCAD:Pax River, MD	21.833	0.480	Nov 2011	0.515	Nov 2012	0.277	Nov 2013	-		0.277	Continuing	Continuing	Continuing
Travel	WR	Various:Various	2.439	0.116	Nov 2011	0.050	Nov 2012	0.037	Nov 2013	-		0.037	Continuing	Continuing	Continuing
Prior Year Mgmt cost no longer funded in FYDP	Various	Various:Various	1.341	0.000		0.000		0.000		-		0.000	0.000	1.341	
Subtotal			69.191	1.648		1.610		0.967		0.000		0.967			

			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			1,778.411	14.770		13.009		11.138		0.000		11.138			

Remarks

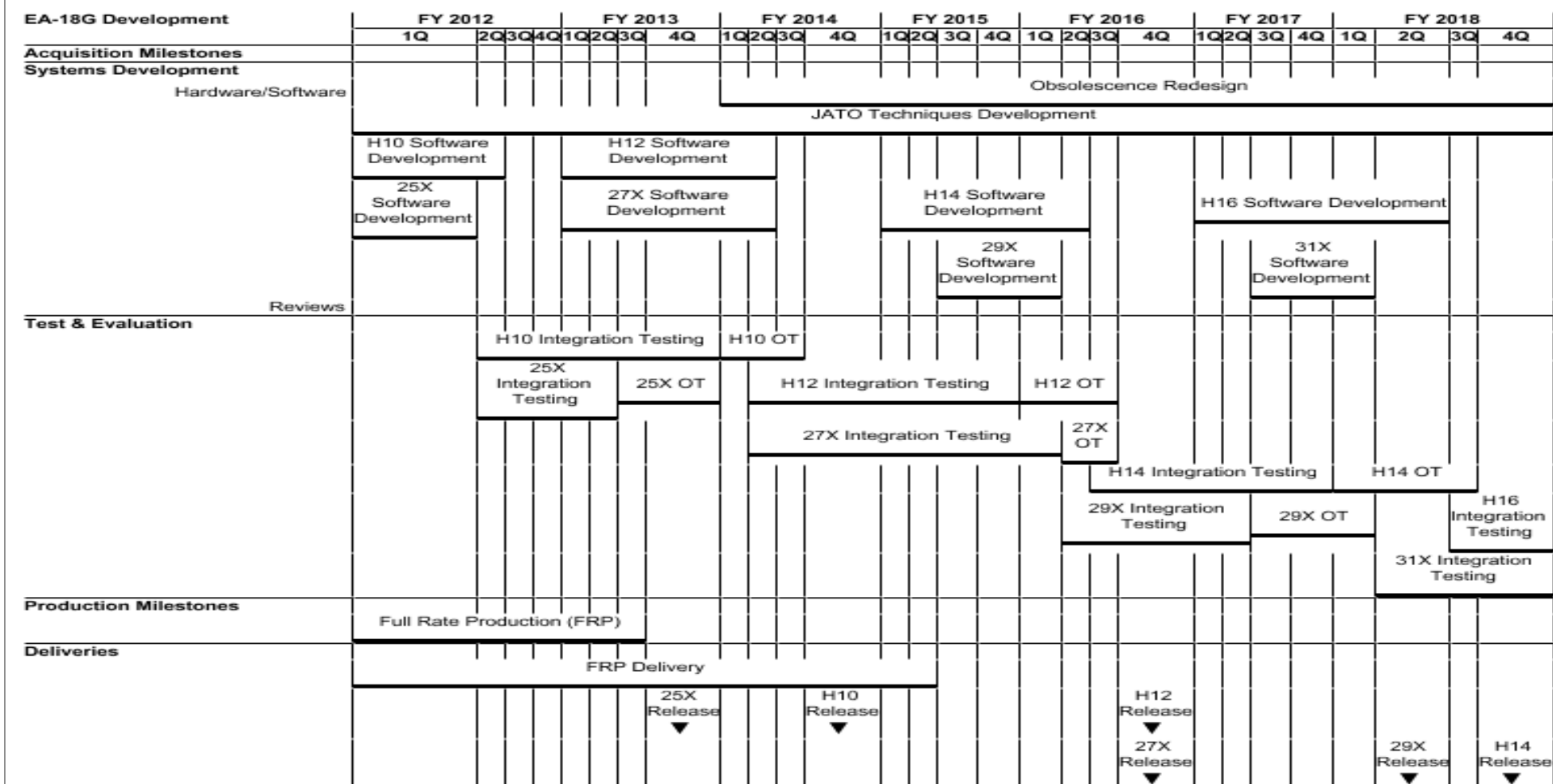| **Exhibit R-4**, **RDT&E Schedule Profile:** PB 2014 Navy		**DATE:** April 2013
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *System Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0604269N: *EA-18 Squadrons*	**PROJECT** 3063: *EA-18G Development*

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 0604269N: *EA-18 Squadrons*	**PROJECT** 3063: *EA-18G Development*

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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 0604269N: *EA-18 Squadrons*	**PROJECT** 3063: *EA-18G Development*

Schedule Details

Events by Sub Project	Start		End	
	Quarter	**Year**	**Quarter**	**Year**
EA-18G Development				
Systems Development: Hardware/Software: Obsolescence Redesign Development and Testing	1	2014	4	2018
Systems Development: Hardware/Software: JATO Techniques Development	1	2012	4	2018
Systems Development: Hardware/Software: H10 Software Development	1	2012	2	2012
Systems Development: Hardware/Software: H12 Software Development	1	2013	2	2014
Systems Development: Hardware/Software: 25X Software Development	1	2012	1	2012
Systems Development: Hardware/Software: 27X Software Development	1	2013	2	2014
Systems Development: Hardware/Software: H14 Software Development	1	2015	2	2016
Systems Development: Hardware/Software: H16 Software Development	1	2017	2	2018
Systems Development: Hardware/Software: 29X Software Development	3	2015	1	2016
Systems Development: Hardware/Software: 31X Software Development	3	2017	1	2018
Test & Evaluation: H10 Integration Testing	2	2012	4	2013
Test & Evaluation: H10 OT	1	2014	3	2014
Test & Evaluation: H12 Integration Testing	2	2014	4	2015
Test & Evaluation: H12 OT	1	2016	3	2016
Test & Evaluation: 25X Integration Testing	2	2012	2	2013
Test & Evaluation: 25X OT	3	2013	4	2013
Test & Evaluation: 27X Integration Testing	2	2014	1	2016
Test & Evaluation: 27X OT	2	2016	3	2016
Test & Evaluation: H14 Integration Testing	3	2016	4	2017
Test & Evaluation: H14 OT	1	2018	3	2018

UNCLASSIFIED

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 0604269N: *EA-18 Squadrons*	**PROJECT** 3063: *EA-18G Development*

Events by Sub Project	Start Quarter	Start Year	End Quarter	End Year
Test & Evaluation: H16 Integration Testing	3	2018	4	2018
Test & Evaluation: 29X Integration Testing	2	2016	2	2017
Test & Evaluation: 29X OT	3	2017	1	2018
Test & Evaluation: 31X Integration Testing	2	2018	4	2018
Production Milestones: Full Rate Production	1	2012	3	2013
Deliveries: FRP Delivery	1	2012	2	2015
Deliveries: H10 Fleet Release	4	2014	4	2014
Deliveries: H12 Fleet Release	4	2016	4	2016
Deliveries: 25X Fleet Release	4	2013	4	2013
Deliveries: 27X Fleet Release	4	2016	4	2016
Deliveries: 29X Fleet Release	2	2018	2	2018
Deliveries: H14 Fleet Release	4	2018	4	2018