Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Navy

Date: February 2018

Appropriation/Budget Activity

R-1 Program Element (Number/Name)

1319: Research, Development, Test & Evaluation, Navy I BA 5: System

PE 0605212M / CH-53K

Development & Demonstration (SDD)

COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost
Total Program Element	0.000	0.000	0.000	326.945	-	326.945	296.281	193.699	19.933	20.420	Continuing	Continuing
3059: CH-53K Development	0.000	0.000	0.000	326.945	-	326.945	296.281	193.699	19.933	20.420	Continuing	Continuing

Program MDAP/MAIS Code:

Project MDAP/MAIS Code(s): 390

Note

Funds increase from FY 2018 to FY 2019 due to transfer of effort from PE 0605212N beginning in FY 2019.

A. Mission Description and Budget Item Justification

The CH-53 is the only marinized heavy-lift helicopter in the world and is the Marine Corps only heavy-lift helicopter. The CH-53 mission is the conduct of expeditionary heavy-lift assault transport of armored vehicles, equipment and personnel to support distributed operations deep inland from a sea-based center of operations. The CH-53E "Super Stallion" was introduced into operations in 1980 as an upgrade version of the CH-53D. The CH-53E has developed performance degradation, fatigue life, interoperability, maintenance supportability, and other operational concerns. An improved CH-53 is needed to support Marine Air-Ground Task Force heavy-lift requirements in the 21st century joint environment. The CH-53K "King Stallion" will provide improvements in range and payload, performance, cargo handling, turnaround times, reliability and maintainability, interoperability, and survivability. The CH-53K program is required to provide full system capability, including shipboard compatibilities, at Initial Operational Capability (IOC).

Total aircraft quantities for the CH-53K program are 205 helicopters. This includes one Ground Test Vehicle (GTV) and four Engineering Development Models (EDMs) for System Development and Demonstration (SDD), to be purchased with Research, Development, Test & Evaluation (RDT&E) funds. Of the remaining 200 aircraft, six will be System Demonstration Test Articles (SDTAs) and will be incrementally funded using RDT&E funds. The SDTAs will be used to prove out production and integration processes on a pilot production line, and to provide aircraft for Initial Operational Test and Evaluation. The remaining 194 aircraft will be Aircraft Procurement, Navy funded.

This is not a New Start program. FY19 and beyond are realigned from PE 0605212N /CH-53K to this PE 0605212M /CH-53K.

JUSTIFICATION FOR BUDGET ACTIVITY: 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 requirements prior to full-rate production decision.

PE 0605212M: CH-53K

UNCLASSIFIED

Page 1 of 11 R-1 Line #162 Navy

Exhibit R-2, RDT&E Budget Item Justification: PB 2019 Navy

Date: February 2018

Appropriation/Budget Activity

1319: Research, Development, Test & Evaluation, Navy I BA 5: System

PE 0605212M / CH-53K

R-1 Program Element (Number/Name)

Development & Demonstration (SDD)

B. Program Change Summary (\$ in Millions)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Previous President's Budget	0.000	0.000	0.000	-	0.000
Current President's Budget	0.000	0.000	326.945	-	326.945
Total Adjustments	0.000	0.000	326.945	-	326.945
 Congressional General Reductions 	-	-			
 Congressional Directed Reductions 	-	-			
 Congressional Rescissions 	-	-			
 Congressional Adds 	-	-			
 Congressional Directed Transfers 	-	-			
 Reprogrammings 	-	-			
 SBIR/STTR Transfer 	-	-			
Program Adjustments	0.000	0.000	330.321	-	330.321
Rate/Misc Adjustments	0.000	0.000	-3.376	-	-3.376

Change Summary Explanation

Funds increase from FY 2018 to FY 2019 due to transfer of effort from PE 0605212N beginning in FY 2019.

Technical: Not applicable. Schedule: Not applicable.

PE 0605212M: CH-53K

Navy

Page 2 of 11

R-1 Line #162

Exhibit R-2A, RDT&E Project Ju	xhibit R-2A, RDT&E Project Justification: PB 2019 Navy												
Appropriation/Budget Activity 1319 / 5		, , , , , , , , , , , , , , , , , , , ,					lumber/Name) -53K Development						
COST (\$ in Millions)	Prior Years	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	FY 2020	FY 2021	FY 2022	FY 2023	Cost To Complete	Total Cost	
3059: CH-53K Development	0.000	0.000	0.000	326.945	-	326.945	296.281	193.699	19.933	20.420	Continuing	Continuing	
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-			

Project MDAP/MAIS Code: 390

Note

This is not a New Start program. Funding was realigned from PE 0605212N /CH-53K to this PE 0605212M /CH-53K.

A. Mission Description and Budget Item Justification

The CH-53 is the only marinized heavy-lift helicopter in the world and is the Marine Corps only heavy-lift helicopter. The CH-53 mission is the conduct of expeditionary heavy-lift assault transport of armored vehicles, equipment and personnel to support distributed operations deep inland from a sea-based center of operations. The CH-53E "Super Stallion" was introduced into operations in 1980 as an upgrade version of the CH-53D. The CH-53E has developed performance degradation, fatigue life, interoperability, maintenance supportability, and other operational concerns. An improved CH-53 is needed to support Marine Air-Ground Task Force heavy-lift requirements in the 21st century joint environment. The CH-53K "King Stallion" will provide improvements in range and payload, performance, cargo handling, turnaround times, reliability and maintainability, interoperability, and survivability. The CH-53K program is required to provide full system capability, including shipboard compatibilities, at Initial Operational Capability (IOC).

Total aircraft quantities for the CH-53K program are 205 helicopters. This includes one Ground Test Vehicle (GTV) and four Engineering Development Models (EDMs) for System Development and Demonstration (SDD), to be purchased with Research, Development, Test & Evaluation (RDT&E) funds. Of the remaining 200 aircraft, six will be System Demonstration Test Articles (SDTAs) and will be incrementally funded using RDT&E funds. The SDTAs will be used to prove out production and integration processes on a pilot production line, and to provide aircraft for Initial Operational Test and Evaluation. SDTAs are shown in the year of contract award vice year of delivery. The remaining 194 aircraft will be Aircraft Procurement, Navy funded.

This is not a New Start program. Funding was realigned from PE 0605212N /CH-53K to this PE 0605212M /CH-53K. FY19 RDT&E funds CH-53K SDD activities to include additional ground and flight test of one GTV, four EDMs and four SDTAs, associated subsystems and components, and the continued fabrication and assembly of the remaining two SDTA aircraft.

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)			FY 2019	FY 2019	FY 2019
	FY 2017	FY 2018	Base	oco	Total
Title: Air Vehicle Development	0.000	0.000	272.161	0.000	272.161
Articles:	-	-	-	-	-
FY 2018 Plans:					
N/A					
FY 2019 Base Plans:					

PE 0605212M: CH-53K

UNCLASSIFIED Page 3 of 11

R-1 Line #162

Navy

UNCLASSIFIED							
Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy				Date: Febr	uary 2018		
Appropriation/Budget Activity 1319 / 5 R-1 Program Elen PE 0605212M / CF		Name)	Project (Number/Name) 3059 / CH-53K Development				
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)		FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total	
Additional ground and flight test of the CH-53K GTV, EDMs and their associated subsystems and on preparation and commencement of IOT&E. Continue to evaluate and implement producability, respectively improvements during fabrication and assembly of System Demonstration Test Articles (S	eliability and						
FY 2019 OCO Plans: N/A							
FY 2018 to FY 2019 Increase/Decrease Statement: Increase from FY 2018 0605212N to FY 2019 0605212M includes additional ground and flight test CH-53K GTV, EDMs and their associated subsystems and components in preparation and common of IOT&E. Continue to evaluate and implement producability, reliability and capability improvement fabrication and assembly of System Demonstration Test Articles (SDTA) 5-6.	encement						
Title: Integrated Logistics Support and Test & Evaluation (T&E)	A45 - 1	0.000	0.000	37.827	0.000	37.827	
FY 2018 Plans: N/A FY 2019 Base Plans: Continue to perform in-house, field activity and contractor support of Integrated Logistic Support ar		-	-	-	-	-	
Developmental Test program. Continue to refine and validate Product Support Packages in prepart commencement of IOT&E, as well as Supportability Test Plans. Continue component qualification, ground and flight test activities, as well as LFT&E efforts.							
FY 2019 OCO Plans: N/A							
FY 2018 to FY 2019 Increase/Decrease Statement: Decrease from FY 2018 0605212N to FY 2019 0605212M includes reduced Development Support Developmental Test & Evaluation, and CSS Support as the development and integration efforts are down.							
Title: Systems Engineering & Project Management	Autiologo	0.000	0.000	16.957	0.000	16.957	
FY 2018 Plans:	Articles:	_	-	-	-	-	
N/A							
FY 2019 Base Plans:							

PE 0605212M: CH-53K

UNCLASSIFIED
Page 4 of 11

R-1 Line #162

Navy

Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy			Date: February 2018
1	,	, ,	umber/Name)
1319 / 5	PE 0605212M / CH-53K	3059 <i>I CH-</i>	-53K Development

B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)	FY 2017	FY 2018	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Continue to perform in-house, field activity and contractor support of test program Integrated Product Teams as development and integration efforts are ramping down. Continue to monitor and plan for Correction of Deficiencies identified during component qualification and flight test. Efforts include engineering, program management and test program travel.					
FY 2019 OCO Plans: N/A					
FY 2018 to FY 2019 Increase/Decrease Statement: Decrease from FY 2018 0605212N to FY 2019 0605212M includes reduced Engineering, Program Management, and CSS Support as development and integration efforts are ramping down.					
Accomplishments/Planned Programs Subtotals	0.000	0.000	326.945	0.000	326.945

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

	• (,	FY 2019	FY 2019	FY 2019					Cost To	
Line Item	FY 2017	FY 2018	Base	0C0	Total	FY 2020	FY 2021	FY 2022	FY 2023		Total Cost
• APN / 0158 / 0158C:	416.484	714.651	1,274.883	=	1,274.883	1,375.696	1,888.964	2,263.281	2,287.373	13,246.549	23,509.181
CH-53K (Heavy Lift) • APN / 0605: CH-53K - Initial Spares	68.408	41.656	59.040	-	59.040	114.611	100.920	16.803	17.144	Continuing	Continuing
• APN / 0528: <i>H-53 Series</i>	0.000	0.000	19.032	-	19.032	31.446	21.407	27.799	36.326	27.083	163.093

Remarks

APN/0158/0158C: CH-53K Advanced and Regular Procurement (APN-1)

APN/0605: CH-53K Spares (APN-6)

APN/0528: CH-53K OSIP #s 007-19 Correction of Deficiencies and 008-19 Production Upgrades

D. Acquisition Strategy

On 31 October 2005, the Defense Acquisition Board (DAB) reviewed the CH-53K program for a Milestone (MS) B decision on entry to Systems Design and Development (SDD). The Under Secretary of the Defense for Acquisition, Technology and Logistics (USD AT&L) signed the Acquisition Decision Memorandum (ADM) allowing the program to proceed with SDD on 22 December 2005. The CH-53K program was initiated as an Acquisition Category 1D program, based on total estimated costs for Research, Development, Test and Evaluation and Aircraft Procurement, Navy. The SDD prime contract was awarded sole-source contract to Sikorsky Aircraft Corporation on 5 April, 2006, following the MS B decision. SDD efforts will develop and document technology maturations, selections, and integration into CH-53E design modifications for a new CH-53K variant; produce one CH-53K Ground Test Vehicle and four CH-53K Engineering Developmental Models; and conduct and support Test and Evaluation activities fulfilling milestone exit criteria. In FY13 the SDD contract was modified to include four System Demonstration Test Articles

PE 0605212M: CH-53K

UNCLASSIFIED
Page 5 of 11

R-1 Line #162

Navy

	UNCLASSIFIED	
Exhibit R-2A, RDT&E Project Justification: PB 2019 Navy		Date: February 2018
Appropriation/Budget Activity 1319 / 5	R-1 Program Element (Number/Name) PE 0605212M / CH-53K	Project (Number/Name) 3059 / CH-53K Development
(SDTAs). In FY15 the SDD contract was modified to add the long-lead which were converted from Contractor Furnished Equipment to Govern exercised in FY15 to provide engines for SDTAs 5-6. On 30 March 20 the ADM was signed by USD AT&L on 4 April 2017.	nment Furnished Equipment, were placed on contract	in FY14. Additionally, a contract option was
E. Performance Metrics Since MS B, the program team has followed a disciplined, event-driver September 2008 and conducted Critical Design Review in July 2010.		

PE 0605212M: CH-53K Navy

UNCLASSIFIED Page 6 of 11

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Navy

Date: February 2018

Appropriation/Budget Activity R-1 Program Element (Number/Name) Project (Number/Name)

1319 *I* 5 PE 0605212M *I CH-53K* 3059 *I CH-53K Development*

Product Developmen	Product Development (\$ in Millions)			FY 2017		FY 2	018	FY 2 Ba	2019 se	FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	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: SDD / SDTA Air Vehicle	SS/CPIF	Sikorsky : Stratford, CT	0.000	0.000		0.000		267.921	Dec 2018	-		267.921	477.825	745.746	749.656
Ancillary Hardware Development: DECM	SS/CPFF	Northrup Grumman : Falls Church, VA	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
GFE: Various	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
GFE: Engines	SS/CPFF	GE : Lynn, MA	0.000	0.000		0.000		1.150	Jan 2019	-		1.150	0.000	1.150	1.150
Incentive Fees	SS/CPIF	Sikorsky : Stratford, CT	0.000	0.000		0.000		3.090	Jan 2019	-		3.090	6.929	10.019	10.019
RAA: JUONS-S0-0010 (DAIRCM)	TBD	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Prior year Prod Dev cost no longer funded in the FYDP	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
		Subtotal	0.000	0.000		0.000		272.161		-		272.161	484.754	756.915	N/A

Remarks

Primary Hardware Development Target Value of Contract includes System Demonstration Test Articles (SDTAs).

Ancillary Hardware Development provides funding for Defensive Electronic Countermeasures (DECM) contract.

Government Furnished Equipment/Engines provides funding for SDTA engine contract.

FY17-19 Incentive Fees are a contractual requirement as potential schedule incentives based on continued progress of the SDTA aircraft.

Support (\$ in Million	ıs)			FY 2017		FY 2	018		2019 ase	FY 2019 OCO					
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To	Total Cost	Target Value of Contract
Development Support	Various	NAWCAD : Lakehurst, NJ	0.000	0.000		0.000		1.150	Dec 2018	-		1.150	0.750	1.900	-
Integrated Logistics Support	WR	NAWCAD : Lakehurst, NJ	0.000	0.000		0.000		1.200	Dec 2018	-		1.200	2.129	3.329	-
Integrated Logistics Support	WR	NADEP : Cherry Point, NC	0.000	0.000		0.000		1.325	Dec 2018	-		1.325	1.261	2.586	-
Integrated Logistics Support	C/CPFF	GDIT : Fairfax, VA	0.000	0.000		0.000		1.578	Apr 2019	-		1.578	2.522	4.100	4.100

PE 0605212M: CH-53K

Navy

UNCLASSIFIED

7 of 11 R-1 Line #162

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Navy

Appropriation/Budget Activity R-1 Program Element (Number/Name) Project (Number/Name)

Support (\$ in Millions	Support (\$ in Millions)				FY 2017		2018	FY 2 Ba	2019 ise	FY 2019 OCO		FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Integrated Logistics Support	WR	Various : Various	0.000	0.000		0.000		1.655	Dec 2018	-		1.655	1.977	3.632	-
Government Engineering Support	WR	NAWCTSD : Orlando, FL	0.000	0.000		0.000		1.523	Dec 2018	-		1.523	0.877	2.400	-
Studies & Analyses	WR	NSWC : Crane, IN	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Studies & Analyses	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
		Subtotal	0.000	0.000		0.000		8.431		-		8.431	9.516	17.947	N/A

Remarks

NAWC TSD training systems previously captured under "Integrated Logistic Support - Various" are now contained in the Government Engineering support line.

Test and Evaluation ((\$ in Milli	ons)		FY 2	017	FY 2	2018	FY 2 Ba	2019 ise	FY 2	2019 CO	FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	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	WR	Various : Various	0.000	0.000		0.000		1.475	Dec 2018	-		1.475	2.094	3.569	-
Developmental Test & Evaluation	WR	NAWCAD : Pax River, MD	0.000	0.000		0.000		22.894	Dec 2018	-		22.894	15.682	38.576	-
Operational Test & Evaluation	WR	COMOPTEVFOR : Norfolk, VA	0.000	0.000		0.000		1.877	Dec 2018	-		1.877	6.060	7.937	-
Live Fire Test & Evaluation	WR	NAWCWD : China Lake, CA	0.000	0.000		0.000		3.150	Dec 2018	-		3.150	1.350	4.500	-
		Subtotal	0.000	0.000		0.000		29.396		-		29.396	25.186	54.582	N/A

Management Service	es (\$ in M	illions)		FY 2	2017	FY 2	2018		2019 ise	FY 2	2019 CO	FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Contractor Engineering Support	Various	Various : Various	0.000	0.000		0.000		2.848	Dec 2018	-		2.848	3.452	6.300	-

PE 0605212M: CH-53K

Exhibit R-3, RDT&E Project Cost Analysis: PB 2019 Navy

Appropriation/Budget Activity R-1 Program Element (Number/Name) Project (Number/Name)

Management Service	s (\$ in M	illions)		FY 2	017	FY 2	2018		2019 Ise	FY 2	2019 CO	FY 2019 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	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	WR	NAWCAD : Pax River, MD	0.000	0.000		0.000		10.958	Dec 2018	-		10.958	2.232	13.190	-
Program Management Support	C/CPFF	Camber : Huntsville, AL	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
Program Management Support	C/CPFF	Zenetix : Herndon, VA	0.000	0.000		0.000		2.208	Jan 2019	-		2.208	3.110	5.318	5.318
Program Management Support	Various	Various : Various	0.000	0.000		0.000		0.833	Dec 2018	-		0.833	1.793	2.626	-
Travel	WR	NAWCAD : Pax River, MD	0.000	0.000		0.000		0.110	Dec 2018	-		0.110	0.290	0.400	-
Prior year Mgmt cost no longer funded in the FYDP	Various	Various : Various	0.000	0.000		0.000		0.000		-		0.000	0.000	0.000	-
		Subtotal	0.000	0.000		0.000		16.957		-		16.957	10.877	27.834	N/A

Remarks

Management Services requirements continue to decrease FY17-19 as both Government and Contractor support transitions to the CH-53K Production program.

	Prior Years	FY 2	2017	FY 20	18	FY 2 Ba	FY 2	FY 2019 Total	Cost To	Total Cost	Target Value of Contract
Project Cost Total	Is 0.000	0.000		0.000		326.945	-	326.945	530.333	857.278	N/A

Remarks

PE 0605212M: *CH-53K* Navy

Exhibit R-4, RDT&E Schedule Prof	file:	РΒ	201	9 N	avy																		D	ate:	Fel	orua	ry 20	18	
Appropriation/Budget Activity 1319 / 5											R-1 P PE 06						ber/N	Nam	e)			e ct () nent		
CH-53K Development		FY	2017	7			2018			FY	2019			FY 2	020			FY 2				FY:		2			2023		
Acquisition Milestones	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	20	3Q	4Q	
Milestones									Dem	Systemonstri phase	ation		IOC				FRP												
System Development	<u> </u>		ļ	ļ —		ļ	İ					ļ		ļ	ļ	ļ		ļ	ļ	ļ	Ţ	ļ	ļ	ļ	Ţ	ļ_	Ţ	ļП	
Hardware Development		ļ			ļ	ļ							ļ		ļ	ļ	ļ		ļ	ļ			ļ	ļ					
Software Development		ļ												ļ		ļ	ļ		ļ			!	ļ						
Reviews	ļ	ļ	ļ	ļ	ļ	ļ	ļ			ļ	!	ļ	ļ	ļ	ļ	ļ į	ļ	ļ	ļ	ļ	ļ	ļ	ļ į	!	ļ	!		!!	
Development Deliveries											!		ļ			!	ļ	!	!		!	l	l	l				Ιļ	
Capability Improvements																					_	Ca	pabi	lity I	mpr	over	nents		
Test & Evaluation	i	i	i	i	i	i	i			İ	1	İ	İ	İ	i	İ	İ	İ	İ	i	⇈				\Box	7		\Box	
Developmental Test & Evaluation										elopm TECH	· nental IEVAL																		
Operational Test & Evaluation												10	Т&Е			_	FC	OT&I	Ē	_	_								
Deliveries]	-]]	\Box				Π]_			
Sys. Dem. Test Articles (RDT&E)									1			1 ▼	1 ▼	1 ▼															
														1 ▼															

2019PB - 0605212M - 3059

PE 0605212M: CH-53K Navy

UNCLASSIFIED Page 10 of 11

Exhibit R-4A, RDT&E Schedule Details: PB 2019 Navy			Date: February 2018
Appropriation/Budget Activity	R-1 Program Element (Number/Name)	Project (N	umber/Name)
1319 / 5	PE 0605212M / CH-53K	3059 I CH-	-53K Development

Schedule Details

	Sta	art	Eı	nd
Events by Sub Project	Quarter	Year	Quarter	Year
CH-53K Development				
Acquisition Milestones: Milestones: System Demonstration phase	1	2019	3	2019
Acquisition Milestones: Milestones: Initial Operational Capability	1	2020	1	2020
Acquisition Milestones: Milestones: Full Rate Production	1	2021	1	2021
System Development: Capability Improvements: Capability Improvements	1	2022	4	2023
Test & Evaluation: Developmental Test & Evaluation: Developmental Test / TECHEVAL	1	2019	3	2019
Test & Evaluation: Operational Test & Evaluation: IOT&E	4	2019	1	2020
Test & Evaluation: Operational Test & Evaluation: FOT&E	2	2020	2	2022
Deliveries: Sys. Dem. Test Articles (RDT&E): System Demonstration Test Articles (SDTA) #2	1	2019	1	2019
Deliveries: Sys. Dem. Test Articles (RDT&E): System Demonstration Test Articles (SDTA) #3	4	2019	4	2019
Deliveries: Sys. Dem. Test Articles (RDT&E): System Demonstration Test Articles (SDTA) #4	2	2020	2	2020
Deliveries: Sys. Dem. Test Articles (RDT&E): System Demonstration Test Articles (SDTA) #5	1	2020	1	2020
Deliveries: Sys. Dem. Test Articles (RDT&E): System Demonstration Test Articles (SDTA) #6	2	2020	2	2020

PE 0605212M: *CH-53K* Navy

Page 11 of 11

R-1 Line #162