Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy										DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*				R-1 ITEM NOMENCLATURE PE 0604262N: *V-22A*							
COST ($ in Millions)	**FY 2009 Actual**	**FY 2010 Estimate**	**FY 2011 Base Estimate**	**FY 2011 OCO Estimate**	**FY 2011 Total Estimate**	**FY 2012 Estimate**	**FY 2013 Estimate**	**FY 2014 Estimate**	**FY 2015 Estimate**	**Cost To Complete**	**Total Cost**
Total Program Element	66.041	78.338	46.070	0.000	46.070	42.849	37.654	35.075	49.905	Continuing	Continuing
1425: *V-22*	66.041	78.338	46.070	0.000	46.070	42.849	37.654	35.075	49.905	Continuing	Continuing

A. Mission Description and Budget Item Justification

The V-22 Osprey is an ACAT-ID Joint Program led by the Department of the Navy for the purpose of developing, testing, evaluating, procuring and fielding a tilt rotor, vertical takeoff and landing aircraft for Joint Service application. The V-22 program is designed to provide an aircraft to meet the amphibious/vertical assault needs of the Marine Corps, the strike rescue needs of the Navy, and the special operations needs of the Air Force and the United States Special Operations Command (USSOCOM). The V-22 will replace the CH-46E and CH53A/D in the Marine Corps with the MV-22; supplement the H-60 in the Navy with the HV-22; and replace the MH-53J and MH-53M as well as augment the C-130 in the Air Force and USSOCOM with the CV-22. The V-22 will be capable of flying over 2100 nautical miles with a single refueling, giving the services the advantage of a Vertical/Short Take-off, and Landing (VSTOL) aircraft that can rapidly self-deploy to any location in the world. This program is funded under Engineering Manufacturing and Development (EMD) for correction of deficiencies and includes Block A and Block B upgrades which encompassed engineering and manufacturing development of new end-items prior to the production incorporation decision. Block C suitability and effectiveness development upgrades began in FY06 and continue through FY12. Overseas Contingency Operations (OCO) funding provided in FY10 is for the development of the Main Landing Gear Bay Fire Suppression system. Funding presented in FY11 addresses Capability Development Document (CDD) interoperability requirements through a spiral upgrade acquisition strategy. These funds are the first spiral that provides Key Enabling DoD mandated open systems architecture (MOSA) upgrades for the mission computer hardware and software while simultaneously addressing required interoperability common avionics upgrades and current avionics obsolescence issues. Development efforts include Block C Upgrade, Mission System Upgrade, Mid-Wing Process Unit, and ARC 210 Generation 5 Radio.

Basis for FY2010 OEF Supplemental Budget Request: $1,645K is requested due to increased fuel costs.
This program element includes $.331M for the Defense Acquisition Workforce Development Fund (DAWDF) in FY09.

Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy	DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0604262N: *V-22A*

B. Program Change Summary ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	68.048	89.512	0.000	0.000	0.000
Current President's Budget	66.041	78.338	46.070	0.000	46.070
Total Adjustments	-2.007	-11.174	46.070	0.000	46.070
• Congressional General Reductions		-0.319			
• Congressional Directed Reductions		-12.500			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	0.000	0.000			
• SBIR/STTR Transfer	-2.007	0.000			
• Program Adjustments	0.000	0.000	46.070	0.000	46.070
• Rate/Misc Adjustments	0.000	1.645	0.000	0.000	0.000

Change Summary Explanation

Technical: Not applicable.

Schedule: The R-4 reflects updates made to the Integrated Master Schedule as a result of adjustments to contract award dates for the Block C development efforts. Technical evaluations and flight test periods for this effort were also annotated. The following events have been included: V22 In-Process Program Review (IPR) scheduled for 4Q FY09, Block C Increment III Critical Design Review (CDR) occurred 3Q FY09. Operational Test (OT) IIIE occurred 3Q FY09. Block C Increments I and II Functional Configuration Audit (FCA) scheduled for 1Q FY11. Block C Increments I and II Physical Configuration Audit (PCA) scheduled for 2Q FY11. Block C Increment III Functional Configuration Audit (FCA) scheduled for 3Q FY11, Block C Increment III Physical Configuration Audit (PCA) scheduled for 2Q FY12. Block C and Block 20 Increments I, II, and III Developmental Flight Test and Block C and Block 20 Integrated Test (IT) IT-IIID beginning 1Q FY10 thru 4Q FY15. OT-IIIG scheduled for 3Q FY11. OT-IIIH scheduled for 2Q FY12.

FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0604262N: *V-22A*	PROJECT 1425: *V-22*	

COST ($ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
1425: *V-22*	66.041	78.338	46.070	0.000	46.070	42.849	37.654	35.075	49.905	Continuing	Continuing
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The V-22 Osprey is an ACAT-ID Joint Program led by the Department of the Navy for the purpose of developing, testing, evaluating, procuring and fielding a tilt rotor, vertical takeoff and landing aircraft for Joint Service application. The V-22 program is designed to provide an aircraft to meet the amphibious/vertical assault needs of the Marine Corps, the strike rescue needs of the Navy, and the special operations needs of the Air Force and the United States Special Operations Command (USSOCOM). The V-22 will replace the CH-46E and CH53A/D in the Marine Corps with the MV-22; supplement the H-60 in the Navy with the HV-22; and replace the MH-53J and MH-53M as well as augment the C-130 in the Air Force and USSOCOM with the CV-22. The V-22 will be capable of flying over 2100 nautical miles with a single refueling, giving the services the advantage of a Vertical/Short Take-off, and Landing (VSTOL) aircraft that can rapidly self-deploy to any location in the world. This program is funded under Engineering Manufacturing and Development (EMD) for correction of deficiencies and includes Block A and Block B upgrades which encompassed engineering and manufacturing development of new end-items prior to the production incorporation decision. Block C suitability and effectiveness development upgrades began in FY06 and continue through FY12. Overseas Contingency Operations (OCO) funding provided in FY10 is for the development of the Main Landing Gear Bay Fire Suppression system. Funding presented in FY11 addresses Capability Development Document (CDD) interoperability requirements through a spiral upgrade acquisition strategy. These funds are the first spiral that provides Key Enabling DoD mandated open systems architecture (MOSA) upgrades for the mission computer hardware and software while simultaneously addressing required interoperability common avionics upgrades and current avionics obsolescence issues. Development efforts include Block C Upgrade, Mission System Upgrade, Mid-Wing Process Unit, and ARC 210 Generation 5 Radio.

Basis for FY2010 OEF Supplemental Budget Request: $1,645K is requested due to increased fuel costs.
This project includes $.331M for the Defense Acquisition Workforce Development Fund (DAWDF) in FY09.

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Continued development of V-22 Block C	39.273	71.040	42.326	0.000	42.326

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0604262N: *V-22A*	PROJECT 1425: *V-22*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
FY 2009 Accomplishments: Continued MV-22 development efforts by Bell-Boeing. Rolls-Royce continues to provide engine support for MV-22 flight testing. Continued MV-22 software development efforts. Continued development in support of MV-22 Block upgrades. Continued engineering, logistics, flight test, flight test support, address correction of deficiencies. Continued contracted development efforts on test aircraft. Block C suitability and effectiveness upgrades began in FY06 and continue thru FY12. The major components of Block C development are Forward Firing ALE-47 (Increment I), Environmental Control System (ECS) Upgrade (Increment II), and Weather Radar (Increment III). *FY 2010 Plans:* Plannned development efforts for the provided interoperability funding includes Mid-Wing Process Unit (MPU), Mission System Upgrade to Advanced Mission Computer with a common Integrated Core Avionics Processor (ICAP), and the ARC-210 Generation 5 Radio. These development efforts address V-22 Net-Ready Key Performance Parameters (KPP) and CDD interoperability requirements while simultaneously addressing current avionics obsolescence issues. OCO funding for the development of the Main Landing Gear Bay Fire Suppression system. *FY 2011 Base Plans:* Continue development efforts for the provided interoperability funding includes Mid-Wing Process Unit (MPU), Mission System Upgrade to Advanced Mission Computer with a common Integrated Core Avionics Processor (ICAP), and the ARC-210 Generation 5 Radio. These development efforts address V-22 Net-Ready Key Performance Parameters (KPP) and CDD interoperability requirements while simultaneously addressing current avionics obsolescence issues.					
Continued support of V-22 Block C *FY 2009 Accomplishments:* Continued in-house field activity support of Integrated Test Team (ITT), Integrated Product Teams (IPT), engineering and logistics. Continued development in support of MV-22 Block upgrades.	26.437	7.298	3.744	0.000	3.744

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0604262N: *V-22A*	PROJECT 1425: *V-22*

B. Accomplishments/Planned Program ($ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Continued field development efforts on test aircraft. Provided R&D support in the areas of Reliability and Maintainability (R&M) data analysis, loads and dynamics, electromagnetic environmental effects, V-22 flight controls, survivability, subsystems, shipboard compatibility, power and propulsion, V-22 avionics, facilities management, structures, communications, etc. Continued engineering, logistics, flight test, and flight test support, and address correction of deficiencies as required in support of the Flight Test Program, Block C and the overall V-22 development program. R&D support and planning for the Block C suitability and effectiveness upgrade which began in FY 06 and continue thru FY12. *FY 2010 Plans:* Provide continued support as described in FY09. In addition, provide R&D support and planning for the Defensive Weapon System (DWS) development. *FY 2011 Base Plans:* Provide continued support as described above in FY09 and FY10.					
Acquisition Workforce Fund *FY 2009 Accomplishments:* Funded DoD Acquisition Workforce Fund.	0.331	0.000	0.000	0.000	0.000
Accomplishments/Planned Programs Subtotals	66.041	78.338	46.070	0.000	46.070

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• APN 0164: *V-22*	2,213.551	2,293.085	2,202.911	0.000	2,202.911	2,422.819	1,819.753	1,859.629	1,902.218	11,417.136	38,729.470
• APN 0590: *V-22 Series*	41.339	77.927	21.985	36.420	58.405	31.641	85.225	96.202	55.578	1,105.000	1,938.501
• APN 0605: *V-22 Inital Spares*	28.549	35.366	18.888	0.000	18.888	8.424	19.123	25.551	25.772	Continuing	Continuing
• RDTE 0401318F : *CV-22 USAF*	17.992	19.640	18.270	0.000	18.270	21.983	18.277	18.237	37.891	Continuing	Continuing
	30.970	12.687	14.476	0.000	14.476	9.589	0.000	0.000	0.000	0.000	518.719

Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0604262N: *V-22A*	PROJECT 1425: *V-22*

C. Other Program Funding Summary ($ in Millions)

Line Item	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total	FY 2012	FY 2013	FY 2014	FY 2015	Cost To Complete	Total Cost
• RDTE 1160421BB: *CV-22 SOCOM*											

D. Acquisition Strategy

The MV-22 is currently in a post Milestone III ACAT-ID program. As a result of mishaps during and subsequent to MV-22 OPEVAL (Apr and Dec 00), the program was restructured employing a phased approach to return to flight and tactical introduction. The Contractor and Government defined deficient areas within the program/ aircraft requiring correction prior to return to flight. A Block Upgrade approach has been planned, with required efforts being identified in Block "A", "B", and "C". Block "A" includes those efforts necessary to return the V-22 to safe and operational fleet operations. Block "B" includes those efforts necessary to improve the effectiveness and suitability of the aircraft. Block "C" includes mission enhancements like weather radar cabin effectiveness suitability improvements, i.e., ECS and Forward Firing ALE-47. Non-recurring development activities are to be initiated and completed for all efforts identified to be in Block "A", "B", and "C". The Contractor will develop specific Statements of Work and Preliminary Specification Change Notices required to integrate the Block Upgrade efforts into the baseline Program. A Systems Requirements Review, Initial Design Review, and Final Design Review will be held for each of the Block efforts so the design maturity can be reviewed and the Government can redirect activities as appropriate. The CV-22 EMD program is structured in Blocks to define an evolutionary approach to achieving full operational capability. Block "0" is the initial baseline CV-22 variant. Block "10" enhances mission capability with the addition of terrain following radar, additional fuel tanks, additional radios, and Block 20 includes capabilities such as radio frequency and infrared countermeasures improvements. Additional Blocks are in the planning stages to continue the growth process throughout the operational life of the weapon system.

E. Performance Metrics

Milestone Reviews.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0604262N: *V-22A*	PROJECT 1425: *V-22*

Product Development ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CV-22 Develop Support Equipment	Various/ Various	Various Various	13.563	0.000		0.000		0.000		0.000	0.000	13.563	Continuing
CV-22 Hardware Dev Airframe	SS/CPAF	Boeing Co. Ridley Park, PA	916.978	0.000		0.000		0.000		0.000	0.000	916.978	916.978
CV-22 Hardware Dev Propulsion	C/CPIF	Rolls-Royce Corp. Indy, IN	12.391	0.000		0.000		0.000		0.000	0.000	12.391	12.391
MV-22 Develop Support Equipment	Various/ Various	NAWCAD Lakehurst, NJ	5.691	0.000		0.000		0.000		0.000	0.000	5.691	Continuing
MV-22 Develop Support Equipment	C/CPIF	Boeing Co. Ridley Park, PA	43.924	0.000		0.000		0.000		0.000	0.000	43.924	43.924
MV-22 Hardware Dev Airframe	SS/CPAF	Boeing Co. Ridley Park, PA	3,937.798	68.719	Feb 2010	40.127	Jan 2011	0.000		40.127	150.580	4,197.224	4,197.224
MV-22 Hardware Dev Propulsion	SS/CPIF	Rolls-Royce Corp. Indy, IN	193.356	2.320	Jan 2010	2.199	Jan 2011	0.000		2.199	2.154	200.029	200.029
MV-22 Training Development	Various/ Various	Various Various	23.538	0.000		0.000		0.000		0.000	0.000	23.538	Continuing
		Subtotal	5,147.239	71.039		42.326		0.000		42.326	152.734	5,413.338	5,370.546

Remarks

Total award fee pool available for MV and CV combined is $231,581,626. To date, $209,053,038 has been awarded for a percentage of 90.3 percent. Award Fee included in MV-22 Primary Hardware Development Airframe line.

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0604262N: *V-22A*	PROJECT 1425: *V-22*

Support ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CV-22 Govt Engineering Sppt	WR	NAWCAD Pax River, MD	21.803	0.000		0.000		0.000		0.000	0.000	21.803	Continuing
CV-22 Integrated Log Sppt	Various/ Various	Various Various	8.395	0.000		0.000		0.000		0.000	0.000	8.395	Continuing
CV-22 Technical Data	C/CPIF	Boeing Co. Ridley Park, PA	8.035	0.000		0.000		0.000		0.000	0.000	8.035	8.035
CV-22 Technical Data	WR	NATEC San Diego, CA	6.131	0.000		0.000		0.000		0.000	0.000	6.131	Continuing
MV-22 Govt Engineering Sppt	WR	NAWCAD Pax River, MD	1,099.611	0.092	Jan 2010	0.003	Nov 2010	0.000		0.003	0.010	1,099.716	Continuing
MV-22 Integrated Log Sppt	Various/ Various	Various Various	28.818	0.000		0.000		0.000		0.000	0.000	28.818	Continuing
MV-22 Technical Data	C/CPIF	Boeing Co. Ridley Park, PA	116.536	0.000		0.000		0.000		0.000	0.000	116.536	116.536
		Subtotal	1,289.329	0.092		0.003		0.000		0.003	0.010	1,289.434	124.571

Remarks

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy			DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0604262N: *V-22A*	PROJECT 1425: *V-22*	

Test and Evaluation ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CV-22 Dev Test & Evaluation	MIPR	Edwards AFB Edwards AFB, CA	46.564	0.000		0.000		0.000		0.000	0.000	46.564	Continuing
MV-22 Dev Test & Evaluation	WR	NAWCAD Pax River, MD	979.083	5.395	Jan 2010	2.100	Nov 2010	0.000		2.100	11.219	997.797	Continuing
MV-22 Live Fire Test & Evaluation	WR	NAWCWD China Lake, CA	1.636	0.000		0.000		0.000		0.000	0.000	1.636	Continuing
MV-22 Operational Test & Evaluation	WR	OT&E Force Norfolk, VA	43.042	0.517	Jan 2010	0.000		0.000		0.000	0.000	43.559	Continuing
		Subtotal	1,070.325	5.912		2.100		0.000		2.100	11.219	1,089.556	

Remarks

Management Services ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CV-22 Engineering Tech Sppt	Various/ Various	Various Various	12.489	0.000		0.000		0.000		0.000	0.000	12.489	Continuing
CV-22 Management Sppt Serv	Various/ Various	Various Various	12.511	0.000		0.000		0.000		0.000	0.000	12.511	Continuing
CV-22 Program Mgmt Support	WR	NAWCAD Pax River, MD	9.830	0.000		0.000		0.000		0.000	0.000	9.830	Continuing

Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0604262N: *V-22A*	PROJECT 1425: *V-22*

Management Services ($ in Millions)

				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
CV-22 Travel	WR	NAWCAD Pax River, MD	4.682	0.000		0.000		0.000		0.000	0.000	4.682	Continuing
MV-22 Engineering Tech Sppt	Various/ Various	Various Various	1,045.179	0.736	Dec 2009	0.276	Nov 2010	0.000		0.276	0.000	1,046.191	Continuing
MV-22 Management Sppt Serv	Various/ Various	Various Various	153.775	0.325	Dec 2009	0.225	Nov 2010	0.000		0.225	0.000	154.325	Continuing
MV-22 Studies and Analysis	Various/ Various	Various Various	1.244	0.000		0.000		0.000		0.000	0.000	1.244	Continuing
MV-22 Program Mgmt Support	WR	NAWCAD Pax River, MD	54.671	0.010	Jan 2010	0.890	Nov 2010	0.000		0.890	1.000	56.571	Continuing
MV-22 Travel	WR	NAWCAD Pax River, MD	15.001	0.224	Jan 2010	0.250	Dec 2010	0.000		0.250	0.520	15.995	Continuing
Acquisition Workforce Fund	Various/ Various	Various Various	0.331	0.000		0.000		0.000		0.000	0.000	0.331	Continuing
		Subtotal	1,309.713	1.295		1.641		0.000		1.641	1.520	1,314.169	

Remarks

This project includes $.331M for the Defense Acquisition Workforce Development Fund (DAWDF) in FY09.

	Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals	8,816.606	78.338		46.070		0.000		46.070	165.483	9,106.497	5,495.117

Remarks

Exhibit R-4, RDT&E Schedule Profile: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	R-1 ITEM NOMENCLATURE PE 0604262N: *V-22A*	PROJECT 1425: *V-22*

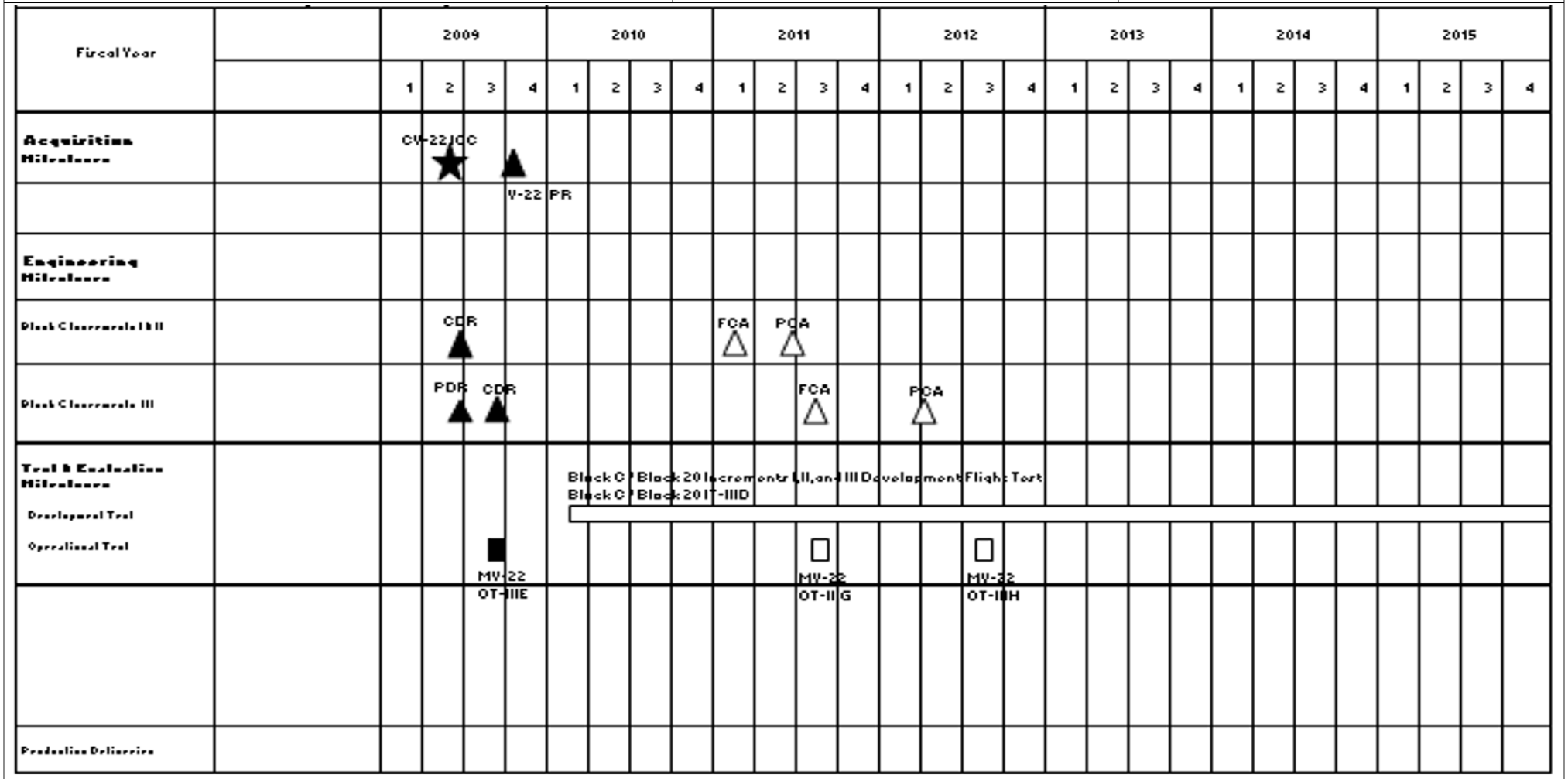

Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy		DATE: February 2010
APPROPRIATION/BUDGET ACTIVITY 1319: *Research, Development, Test & Evaluation, Navy* BA 5: *Development & Demonstration (SDD)*	**R-1 ITEM NOMENCLATURE** PE 0604262N: *V-22A*	**PROJECT** 1425: *V-22*

Schedule Details

	Start		End	
Event	**Quarter**	**Year**	**Quarter**	**Year**
CV-22 Initial Operational Capability (IOC)	2	2009	2	2009
V-22 In-Process Review (IPR)	4	2009	4	2009
Block-C Inc I&IICritical Design Review (CDR)	2	2009	2	2009
Block C Inc I&II Functional Configuration Audit	1	2011	1	2011
Block C Inc I&II Physical Congfiguration Audit	2	2011	2	2011
Block C Inc III Preliminary Design Review (PDR)	2	2009	2	2009
Block C Inc III Critical Design Review (CDR)	3	2009	3	2009
Block C Inc III Functional Configuration Audit	3	2011	3	2011
Block C Inc III Physical Configuration Audit	2	2012	2	2012
Development Flight Test / Integrated Test (IT-IIID)	1	2010	4	2015
Operational Testing (OT-IIIE)	3	2009	3	2009
Operational Testing (OT-IIIG)	3	2011	3	2011
Operational Testing (OT-IIIH)	3	2012	3	2012