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Exhibit R-2, RDT&E Budget Item Justification: PB 2014 Navy	DATE: April 2013
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APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>	R-1 ITEM NOMENCLATURE PE 0305232M: <i>RQ-11 UAV</i>
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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	1.063	0.979	0.495	0.102	-	0.102	0.720	0.638	0.488	0.496	Continuing	Continuing
2292: <i>RQ-11 UAV</i>	1.063	0.979	0.495	0.102	-	0.102	0.720	0.638	0.488	0.496	Continuing	Continuing

[#] 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

In FY 2009 and prior, RQ-11 Unmanned Aerial Vehicle (UAV) was funded in PE 0206313M, C2273. The project is funded in PE 0305232M C2292 for FY 2011 and out.

A. Mission Description and Budget Item Justification

GROUP 1 (formerly known as TIER I UAS) - The program office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with two incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities). The SURSS Block 0, Dragon Eye, was the first increment and is currently fielded to deployed units. For the Block 1 increment the USMC adopted the USSOCOM Rucksack Portable UAV (RPUAV) ORD, which meets the USMC's requirement and began migrating to the joint materiel solution, the Raven B.

B. Program Change Summary (\$ in Millions)	FY 2012	FY 2013	FY 2014 Base	FY 2014 OCO	FY 2014 Total
Previous President's Budget	0.979	0.495	0.491	-	0.491
Current President's Budget	0.979	0.495	0.102	-	0.102
Total Adjustments	0.000	0.000	-0.389	-	-0.389
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Rate/Misc Adjustments	0.000	0.000	-0.389	-	-0.389

UNCLASSIFIED

Exhibit R-2A, RDT&E Project Justification: PB 2014 Navy									DATE: April 2013			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0305232M: RQ-11 UAV				PROJECT 2292: RQ-11 UAV			
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
2292: RQ-11 UAV	1.063	0.979	0.495	0.102	-	0.102	0.720	0.638	0.488	0.496	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												
GROUP 1 (Family of Systems) - The program office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with two incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities). The SURSS Block 0, Dragon Eye, was the first increment and was fielded to deployed units. Dragon Eyes are being removed and replaced with the Raven B. For the Block 1 increment the USMC adopted the USSOCOM Rucksack Portable UAV (RPUAV) ORD, which meets the USMC's requirement and began migrating to the joint materiel solution, the Raven B. Raven B's are transitioning from an 8 Channel to a Digital Data Link (DDL) version while pursuing Tactical Network Sensor Suite (TNS2) technology which provides enhanced opportunities to detect irregular and asymmetric threats in a variety of domains, including urban, providing the warfighter with enhanced situational awareness and understanding. In concert with TNS2 technology development, continue research/ testing to support a more aerodynamic Raven B to increase UAV time of flight, allowing significantly more reconnaissance information to be readily available to soldiers on the ground.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)									FY 2012	FY 2013	FY 2014	
Title: Program Management and Support									0.979	0.495	0.102	
									Articles: 0	0	0	
FY 2012 Accomplishments: Continued Tactical Network Sensor Suite (TNS2) program. This initiative continues to support the development, experimentation, integration and product enhancement of the Marine Corps UAS program, communications hardware and C2 software.												
FY 2013 Plans: Research and test an aerodynamic model for Raven B.												
FY 2014 Plans: Begin integration of advanced payloads.												
Accomplishments/Planned Programs Subtotals									0.979	0.495	0.102	

UNCLASSIFIED

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APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>					R-1 ITEM NOMENCLATURE PE 0305232M: <i>RQ-11 UAV</i>			PROJECT 2292: <i>RQ-11 UAV</i>			
C. Other Program Funding Summary (\$ in Millions)											
			<u>FY 2014</u>	<u>FY 2014</u>	<u>FY 2014</u>					<u>Cost To</u>	
<u>Line Item</u>	<u>FY 2012</u>	<u>FY 2013</u>	<u>Base</u>	<u>OCO</u>	<u>Total</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>Complete</u>	<u>Total Cost</u>
• PMC/4757: <i>RQ-11 UAV</i>	2.104	2.318	1.653		1.653	2.739	2.610	2.349	2.392	Continuing	Continuing
Remarks											
D. Acquisition Strategy											
The program office is pursuing a rapid acquisition approach to quickly field new technology and capabilities to the warfighter. The strategy is to use evolutionary acquisition with incremental developments to meet the final desired Small Unit Remote Scouting System (SURSS) requirements (Joint USMC/USA/SOCOM capabilities). The next increment will involve an evolution to a Group 1 (Family of System) individually capable of executing requirements for long, medium and short range missions in fulfillment of the SURSS requirement.											
E. Performance Metrics											
Fielded joint material solution.											

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2014 Navy												DATE: April 2013			
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Product Development (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Group 1	WR	NSWC:Dahlgren	1.012	0.330	Oct 2011	0.000		0.000		-		0.000	0.000	1.342	
Subtotal			1.012	0.330		0.000		0.000		0.000		0.000	0.000	1.342	
Remarks Development and testing of Raven B-DDL (Digital Data Link) with TNS2 (Tactical Network Sensor Suite) technology.															
Support (\$ in Millions)				FY 2012		FY 2013		FY 2014 Base		FY 2014 OCO		FY 2014 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	All Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Group 1	Various	NAWCAD:Pax River	0.051	0.649	Oct 2011	0.495	Apr 2013	0.102	Dec 2013	-		0.102	Continuing	Continuing	Continuing
Subtotal			0.051	0.649		0.495		0.102		0.000		0.102			
Remarks Research and test an aerodynamic model for Raven B (Group 1) in FY12 and FY13 at NAWCAD Pax River. Begin integration of advanced payloads (Group 1) in FY14 at NAWCAD Pax River.															
			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			1.063	0.979		0.495		0.102		0.000		0.102			
Remarks															