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Exhibit R-2, RDT&E Budget Item Justification: PB 2013 Navy	DATE: February 2012
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APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 4: <i>Advanced Component Development & Prototypes (ACD&P)</i>	R-1 ITEM NOMENCLATURE PE 0603128N: <i>(U)Unmanned Aerial System</i>
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COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
Total Program Element	36.000	-	-	-	-	-	-	-	-	0.000	36.000
9999: <i>Congressional Adds</i>	36.000	-	-	-	-	-	-	-	-	0.000	36.000

Note

Other prior year funding: Cargo Unmanned Aerial System (UAS) received FY10 Emergency Supplemental funding under Program Element 0305204N Project Unit 3332 in the amount of \$26.5M and a SOCOM ATR of \$25.0M for 2 proof of concept air vehicles, 3 Forward Operating Bases, Ground Control Stations, non-recurring engineering and testing efforts from each of the two contractors.

A. Mission Description and Budget Item Justification

This program element includes non-lethal joint Unmanned Aerial Vehicle system support for DoD to provide the warfighters with long-range and long-endurance cargo capability. This will augment ground and air logistics operations, supplement rotary-wing assets and reduce warfighters exposure to Improvised Explosive Devices in theater.

<u>B. Program Change Summary (\$ in Millions)</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013 Base</u>	<u>FY 2013 OCO</u>	<u>FY 2013 Total</u>
Previous President's Budget	-	-	-	-	-
Current President's Budget	36.000	-	-	-	-
Total Adjustments	36.000	-	-	-	-
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	-			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Program Adjustments	36.000	-	-	-	-

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

Project: 9999: *Congressional Adds*

Congressional Add: *CARGO UAS - Cong*

Congressional Add Subtotals for Project: 9999

Congressional Add Totals for all Projects

FY 2011	FY 2012
36.000	-
36.000	-
36.000	-

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<u>Change Summary Explanation</u> Technical: Not applicable. Schedule: Not applicable.		

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Exhibit R-2A, RDT&E Project Justification: PB 2013 Navy DATE: February 2012

APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 4: Advanced Component Development & Prototypes (ACD&P)	R-1 ITEM NOMENCLATURE PE 0603128N: (U)Unmanned Aerial System	PROJECT 9999: Congressional Adds
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COST (\$ in Millions)	FY 2011	FY 2012	FY 2013 Base	FY 2013 OCO	FY 2013 Total	FY 2014	FY 2015	FY 2016	FY 2017	Cost To Complete	Total Cost
9999: Congressional Adds	36.000	-	-	-	-	-	-	-	-	0.000	36.000
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

The Cargo UAS will address the immediate Marine Corps need as described in the Joint Urgent Operational Needs Statement (CC-0375) for combat re-supply of remote Forward Operating Bases (FOBs) without unnecessary risk to Marine Corps personnel or high volume logistics assets. This need has been filled by ground transportation (truck convoys) and with manned assault support cargo rotary wing assets. Both alternatives expose unnecessary risk to Marine Corps personnel, and impact the availability of the aviation assets for other combat support missions. The Cargo UAS service will apply to the deployed I Marine Expeditionary Force (I MEF), Forward, deployed in Afghanistan. The current concept of operations is to provide support from one Main Operating Base to three FOBs.

Current combat operations have highlighted the vulnerability and effectiveness of existing modes of resupply. To mitigate this threat, it is imperative that alternative methods to resupply remote Spokes (also called the FOBs) be employed. A vertical lift Cargo UAS is required to augment existing resupply methods in Afghanistan and is required immediately to fulfill war fighter needs. Special Operations Command will monitor the program to help determine their future requirements.

A Cargo UAS is comprised of air vehicles, Ground Control Stations and associated spares and support equipment. The system will support the I MEF, Forward while operating from selected FOBs. The air vehicles and remote terminal control stations are procured by the government, and the Cargo UAS is operated as a Government Owned, Contractor Operated system.

The Cargo UAS was granted Rapid Deployment Capability program status by the Assistant Secretary of the Navy for Research, Development and Acquisition on 17 May 2010. The contracts were competed and comprised of the Lockheed Martin KMAX and the Boeing Hummingbird air vehicles. A down-select was conducted resulting in KMAX deploying and commencing Afghanistan operations in December 2011. Cargo UAS Afghanistan operations are funded via Operations and Maintenance, Navy (O&MN) Overseas Contingency Operations funding in FY12 and the Marine Corps will support as required in future years.

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

	FY 2011	FY 2012
Congressional Add: CARGO UAS - Cong	36.000	-
FY 2011 Accomplishments: The Cargo UAS will address the immediate Marine Corps need as described in the Joint Urgent Operational Needs Statement (CC-0375).		
Congressional Adds Subtotals	36.000	-

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C. Other Program Funding Summary (\$ in Millions)												
	<u>Line Item</u>	<u>FY 2011</u>	<u>FY 2012</u>	<u>FY 2013</u> <u>Base</u>	<u>FY 2013</u> <u>OCO</u>	<u>FY 2013</u> <u>Total</u>	<u>FY 2014</u>	<u>FY 2015</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
	• O&M,N: <i>0708017N 1D4D Cargo UAS</i>	0.000	18.900	0.000	0.000	0.000	0.000	0.000	0.000	0.000	Continuing	Continuing
D. Acquisition Strategy Not required for Congressional Adds.												
E. Performance Metrics Not required for Congressional Adds.												