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<b>Exhibit R-2, RDT&amp;E Budget Item Justification:</b> PB 2016 Navy	<b>Date:</b> February 2015
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<b>Appropriation/Budget Activity</b> 1319: <i>Research, Development, Test &amp; Evaluation, Navy / BA 6: RDT&amp;E Management Support</i>					<b>R-1 Program Element (Number/Name)</b> PE 0605285N / <i>Next Generation Fighter</i>							
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>	<b>FY 2017</b>	<b>FY 2018</b>	<b>FY 2019</b>	<b>FY 2020</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	0.000	-	4.794	5.000	-	5.000	-	-	-	-	-	9.794
2937: <i>Next Generation Fighter</i>	0.000	-	4.794	5.000	-	5.000	-	-	-	-	-	9.794

**A. Mission Description and Budget Item Justification**

This program provides analytical support to the Secretary of the Navy and the Chief of Naval Operations as a basis for major policy, planning and acquisition program execution decisions. It supports research and development strategy development and planning. It supports studies in the areas of manpower, personnel, training, and aviation. It also develops analytical tools for evaluating effectiveness of U.S. weapons against potential foreign threat ships and submarines.

JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under RESEARCH, DEVELOPMENT, TEST and EVALUATION MANAGEMENT SUPPORT because it supports efforts directed toward sustaining or modernizing installations or operations required for general research, development, test and evaluation.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
Previous President's Budget	-	-	-	-	-
Current President's Budget	-	4.794	5.000	-	5.000
Total Adjustments	-	4.794	5.000	-	5.000
• Congressional General Reductions	-	-			
• Congressional Directed Reductions	-	-			
• Congressional Rescissions	-	-			
• Congressional Adds	-	-			
• Congressional Directed Transfers	-	4.794			
• Reprogrammings	-	-			
• SBIR/STTR Transfer	-	-			
• Rate/Misc Adjustments	-	-	5.000	-	5.000

**Change Summary Explanation**

Technical: Not applicable.  
Schedule: Not applicable.

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Exhibit R-2A, RDT&E Project Justification: PB 2016 Navy										Date: February 2015		
Appropriation/Budget Activity 1319 / 6					R-1 Program Element (Number/Name) PE 0605285N / Next Generation Fighter				Project (Number/Name) 2937 / Next Generation Fighter			
COST (\$ in Millions)	Prior Years	FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total	FY 2017	FY 2018	FY 2019	FY 2020	Cost To Complete	Total Cost
2937: Next Generation Fighter	-	-	4.794	5.000	-	5.000	-	-	-	-	-	9.794
Quantity of RDT&E Articles		-	-	-	-	-	-	-	-	-		
Note New Start in FY15 This project was originally budgeted in PE 0605152N PU 3365 but was transferred at Congressional request to a new program element.												
A. Mission Description and Budget Item Justification This project supports the analysis of the advanced air dominance family of systems to replace capabilities lost with the end of service life of the F/A-18E/F and EA-18G.												
B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)								FY 2014	FY 2015	FY 2016 Base	FY 2016 OCO	FY 2016 Total
Title: Next Generation Air Dominance Analysis  Articles:  FY 2014 Accomplishments: N/A  FY 2015 Plans: Establish the analytic environment to support the recapitalization of Naval Aviation capabilities to include those inherent in the F/A-18E/F/G that will be approaching end of service life within the timeframes to meet pre-Milestone B, DOD 5000 series mandated activities, as well as timelines mandated by the Congressional requirements for an Aviation Investment Plan. The environment includes the analysis and support for planning and development of documentation to support a Materiel Development Decision, Analysis of Alternatives planning and execution, and Advanced Development Program Office planning. The products include automated tools and decision aids necessary to perform acquisition planning in support of warfighter capability requirements.  FY 2016 Base Plans: Conduct an Analysis of Alternatives (AoA) to establish cost and capability tradespaces described by the capability requirements described in the Next Generation Air Dominance Initial Capabilities Document. Conduct systems engineering analysis to sufficiently review capabilities provided by industry proposals. Conduct cost analysis with sufficient fidelity across the total life-cycle of the industry proposals to identify a preferred system concept. The environment includes analysis and support of AoA execution and Advanced Development Program Office planning. Products include automated tools and decision aids necessary to perform acquisition planning								-	4.794	5.000	-	5.000
								-	-	-	-	-

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<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2016 Navy				<b>Date:</b> February 2015		
<b>Appropriation/Budget Activity</b> 1319 / 6		<b>R-1 Program Element (Number/Name)</b> PE 0605285N / <i>Next Generation Fighter</i>		<b>Project (Number/Name)</b> 2937 / <i>Next Generation Fighter</i>		
<b><u>B. Accomplishments/Planned Programs (\$ in Millions, Article Quantities in Each)</u></b>						
		<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016 Base</b>	<b>FY 2016 OCO</b>	<b>FY 2016 Total</b>
in support of warfighter capability requirements, as well as briefing support as required by excursions at the direction of the AoA executive steering group.						
<b><i>FY 2016 OCO Plans:</i></b> N/A						
<b>Accomplishments/Planned Programs Subtotals</b>		-	4.794	5.000	-	5.000
<b><u>C. Other Program Funding Summary (\$ in Millions)</u></b> N/A						
<b><u>Remarks</u></b>						
<b><u>D. Acquisition Strategy</u></b> N/A						
<b><u>E. Performance Metrics</u></b> Produce and deliver FA-XX (Next Generation Air Dominance) Analysis of Alternatives and Initial Capabilities Document development in accordance with Office of the Secretary of Defense Cost Assessment and Program Evaluation guidance. Analysis performed will be used to identify known warfighter capability gaps and support acquisition planning requirements associated with potential solutions. Analysis provides coherent and integrated cost, risk, and effectiveness data to support long-term planning for Naval Aviation consistent with DOD 5000 series instructions.						