

# UNCLASSIFIED

Exhibit R-2, RDT&E Budget Item Justification: FY 2018 Air Force										Date: May 2017		
Appropriation/Budget Activity 3600: Research, Development, Test & Evaluation, Air Force I BA 5: System Development & Demonstration (SDD)					R-1 Program Element (Number/Name) PE 0401310F / C-32 Executive Transport Recapitalization							
COST (\$ in Millions)	Prior Years	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
Total Program Element	-	0.000	0.000	6.017	0.000	6.017	8.003	10.005	10.001	10.025	Continuing	Continuing
654019: C-32 Executive Transport Recap	-	0.000	0.000	6.017	0.000	6.017	8.003	10.005	10.001	10.025	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

## Note

This program, BA 05 PE 0401310F, project 654019, C-32A Executive Transport Recapitalization Analysis of Alternatives, is a new start.

This program, BA 05 PE 0401310F, project 654019, C-32A Executive Transport Recapitalization Program Office Standup, is a new start.

## A. Mission Description and Budget Item Justification

The C-32A Executive Transport Recapitalization program will replace the current C-32A aircraft fleet which will reach its planned 25-year service life in 2023. Recapitalization efforts need to begin to better align with the current Presidential Aircraft Recapitalization and the E-4B National Airborne Operations Center Recapitalization efforts.

The C-32A mission is to provide Executive Airlift transportation for the President, Vice President, Cabinet, Congress, and other US and foreign officials.

The C-32A recap aircraft would be a more robust aircraft that would mitigate many capability gaps that exist when the current C-32A aircraft serve as a backup to VC-25A and PAR. The C-32A replacement aircraft would have increased range, passenger capacity, enhanced senior leader communications and a private work space.

This budget supports initial funding to complete a combined Analysis of Alternatives (AoA) with the E-4B Recapitalization AoA. Funding also allows for the completion of early acquisition activities, allows the Air Force to establish a program office, begin acquisition strategy development, and conduct market research. Funding also supports initial risk reduction activities and conduct performance trade studies.

This program is in Budget Activity 5, System Development and Demonstration (SDD) because it has passed Milestone B approval and is conducting engineering and manufacturing development tasks aimed at meeting validated requirements prior to full-rate production.

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B. Program Change Summary (\$ in Millions)				FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total			
Previous President's Budget				0.000	0.000	0.000	0.000	0.000			
Current President's Budget				0.000	0.000	6.017	0.000	6.017			
Total Adjustments				0.000	0.000	6.017	0.000	6.017			
• Congressional General Reductions				0.000	0.000						
• Congressional Directed Reductions				0.000	0.000						
• Congressional Rescissions				0.000	0.000						
• Congressional Adds				0.000	0.000						
• Congressional Directed Transfers				0.000	0.000						
• Reprogrammings				0.000	0.000						
• SBIR/STTR Transfer				0.000	0.000						
• Other Adjustments				0.000	0.000	6.017	0.000	6.017			
Change Summary Explanation											
FY18 funding initiates the C-32 Recapitalization program. This funding will standup the program office to support the AoA activates and early acquisition activates.											
C. Accomplishments/Planned Programs (\$ in Millions)							FY 2016	FY 2017	FY 2018		
Title: C-32A Executive Transport Recapitalization Analysis of Alternatives							-	-	3.017		
Description: AoA activities to assesses potential materiel solutions to mitigate current capability gaps.											
FY 2018 Plans:											
Complete AoA activities to assesses potential materiel solutions to mitigate current capability gaps.											
Title: C-32A Executive Transport Recapitalization Program Office Standup							-	-	3.000		
Description: Standup of Program Office to support AoA and early acquisition activities.											
FY 2018 Plans:											
Standup Program Office to support AoA and early acquisition activities.											
Accomplishments/Planned Programs Subtotals							-	-	6.017		
D. Other Program Funding Summary (\$ in Millions)											
Line Item	FY 2016	FY 2017	FY 2018 Base	FY 2018 OCO	FY 2018 Total	FY 2019	FY 2020	FY 2021	FY 2022	Cost To Complete	Total Cost
• N/A: N/A	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-

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<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 5: System Development &amp; Demonstration (SDD)</i>					<b>R-1 Program Element (Number/Name)</b> PE 0401310F / <i>C-32 Executive Transport Recapitalization</i>						
<b>D. Other Program Funding Summary (\$ in Millions)</b>											
<u>Line Item</u>	<u>FY 2016</u>	<u>FY 2017</u>	<u>FY 2018</u> <u>Base</u>	<u>FY 2018</u> <u>OCO</u>	<u>FY 2018</u> <u>Total</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>Cost To</u> <u>Complete</u>	<u>Total Cost</u>
<b>Remarks</b>  <b>E. Acquisition Strategy</b> The C-32A Executive Transport Recapitalization effort acquisition strategy will be fully developed after completion of the Analysis of Alternatives. The program will integrate technologically mature subsystems into a commercial derivative aircraft.  <b>F. Performance Metrics</b> Please refer to the Performance Base Budget Overview Book for information on how Air Force resources are applied and how those resources are contributing to Air Force performance goals and most importantly, how they contribute to our mission.											