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**Exhibit R-2, RDT&E Budget Item Justification:** PB 2023 Air Force **Date:** April 2022

<b>Appropriation/Budget Activity</b> 3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	<b>R-1 Program Element (Number/Name)</b> PE 0401310F / <i>C-32 Executive Transport Recapitalization</i>
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COST (\$ in Millions)	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	FY 2024	FY 2025	FY 2026	FY 2027	Cost To Complete	Total Cost
Total Program Element	-	6.151	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.151
640009: <i>C-32 Executive Transport Recap</i>	-	6.151	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.151
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-	-	-

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

NOTE: FY18-20 Prior Years Funding of 7.762M was executed in Program Element 0401310F, BPAC 654019, BA05.

The C-32A mission is to provide Executive Airlift transportation for the First Lady, Vice President, Cabinet, Congress, and foreign Heads of State. The C-32A also serves as the backup to the VC-25 Presidential support aircraft.

The C-32 Executive Transport Recapitalization program was intended to replace the aging C-32A aircraft fleet. The Air Force and Navy were engaged in an effort to recapitalize the National Military Command System fixed-wing aircraft and large capacity Executive Airlift fleets. The aircraft consist of the Air Force E-4B National Airborne Operations Center (NAOC), Air Force C-32A Executive Airlift (EA), and the Navy E-6B Airborne Command Post (ABNCP) and Take Charge and Move Out (TACAMO) aircraft. These platforms are aging and increasingly difficult to support. The combined effort explored the realignment of missions among platforms and examined the potential benefits of acquiring common airframes without sacrificing operational effectiveness or increasing overall costs.

This effort was called the NEAT (NNAOC, EEA, A ABNCP, TTACAMO) Analysis of Alternatives (AoA) and it concluded in September 2020 with no impact or actions for the C-32 fleet. After 2020, all remaining funding in Program Element 0401310F was applied to the evaluation and maturation of advanced high speed transport scale aircraft with potential to expand the defense industrial base and serve as C-32A replacements at the appropriate time.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver the C-32 Executive Transport Recap system capability. The use of such programs funds would be in addition to the civilian pay expenses budgeted in program element 0605831F. In FY 2021 \$00.000 million was expended for civilian pay expenses in this program element, and in FY 2022 \$00.000 million is forecasted for civilian pay expenses in this program element.

This effort is in Budget Activity 4, Advanced Component Development and Prototypes (ACD&P), because efforts are necessary to evaluate integrated technologies, representative modes or prototype systems in a high fidelity and realistic operating environment.

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<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
Previous President's Budget	6.197	0.000	0.000	0.000	0.000
Current President's Budget	6.151	0.000	0.000	0.000	0.000
Total Adjustments	-0.046	0.000	0.000	0.000	0.000
• 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	-0.046	0.000			
• Other Adjustments	0.000	0.000	0.000	0.000	0.000

<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2021</b>	<b>FY 2022</b>	<b>FY 2023 Base</b>	<b>FY 2023 OCO</b>	<b>FY 2023 Total</b>
<b>Title:</b> C-32A Executive Transport Recapitalization Analysis of Alternatives (AoA)	6.124	0.000	0.000	0.000	0.000
<b>Description:</b> Expand upon the AoA to study viability of advanced commercial derivative aircraft to mitigate capability gaps.					
<b>FY 2022 Plans:</b> N/A					
<b>FY 2023 Base Plans:</b> N/A					
<b>FY 2023 OCO Plans:</b> N/A					
<b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> N/A					
<b>Title:</b> C-32 Executive Transport Recapitalization Program Office Closeout	0.027	0.000	0.000	0.000	0.000
<b>Description:</b> Support Directorate and Program Office efforts to closeout C-32 Recapitalization activities.					
<b>FY 2022 Plans:</b> N/A					
<b>FY 2023 Base Plans:</b>					

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<b>C. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total
N/A					
<b>FY 2023 OCO Plans:</b>					
N/A					
<b>FY 2022 to FY 2023 Increase/Decrease Statement:</b>					
N/A					
<b>Accomplishments/Planned Programs Subtotals</b>	6.151	0.000	0.000	0.000	0.000

<b>D. Other Program Funding Summary (\$ in Millions)</b>											
<u>Line Item</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023 Base</u>	<u>FY 2023 OCO</u>	<u>FY 2023 Total</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>Cost To Complete</u>	<u>Total Cost</u>
• RDTE 05 0401310F: C-32 Executive Transport Recapitalization	0.000	0.000	0.000	-	0.000	0.000	0.000	-	-	0.000	0.000

**Remarks**

**E. Acquisition Strategy**

AoA expansion will include technology maturation risk reduction activities to inform future C-32A replacement aircraft.

- Early focus on Technology Maturation Risk Reduction on critical performance capabilities identified during material solution analysis phase to support technical maturity of key capabilities and inform requirements for future CDD generation.
- Risk reduction activities and technology maturity assessments outcome will be used to further develop acquisition strategy for a Pre-milestone B entry and subsequent solicitation for a full and open competition.

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**Exhibit R-3, RDT&E Project Cost Analysis: PB 2023 Air Force** **Date:** April 2022

<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0401310F / C-32 Executive Transport R ecapitalization	<b>Project (Number/Name)</b> 640009 / C-32 Executive Transport Recap
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<b>Product Development (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
Product Development	Various	TBD : TBD	-	-		0.000	May 2022	-		-		-	0.000	0.000	-
C-32 Executive Transport Recapitalization: Analysis of Alternatives Expansion	Various	TBD : TBD	-	6.124	May 2021	-		-		-		-	0.000	6.124	-
<b>Subtotal</b>			-	6.124		0.000		-		-		-	0.000	6.124	N/A

**Remarks**  
FY18-20 Prior Years Funding was executed in PE 0401310F, BPAC 654019, BA05

<b>Management Services (\$ in Millions)</b>				FY 2021		FY 2022		FY 2023 Base		FY 2023 OCO		FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
Cost Category Item	Contract Method & Type	Performing Activity & Location	Prior Years	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost			
C-32 Executive Transport Recapitalization: PSC Contractor Services and PSC Other Government Costs	Various	TBD : Dayton, OH	-	0.027	May 2021	-		-		-		-	0.000	0.027	-
<b>Subtotal</b>			-	0.027		-		-		-		-	0.000	0.027	N/A

**Remarks**  
FY18-20 Prior Years Funding of was executed in PE 0401310F, BPAC 654019, BA05

	Prior Years	FY 2021	FY 2022	FY 2023 Base	FY 2023 OCO	FY 2023 Total	Cost To Complete	Total Cost	Target Value of Contract
<b>Project Cost Totals</b>	-	6.151	0.000	-	-	-	0.000	6.151	N/A

**Remarks**  
-FY2018-2020 RDT&E Funding (\$7.762M) was executed in PE 0401310F, BPAC 654019, BA05

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<b>Exhibit R-4, RDT&amp;E Schedule Profile:</b> PB 2023 Air Force		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0401310F / C-32 Executive Transport R ecapitalization	<b>Project (Number/Name)</b> 640009 / C-32 Executive Transport Recap

FY 2021				FY 2022				FY 2023				FY 2024				FY 2025				FY 2026				FY 2027			
1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4

<b>C-32 Recap</b>	
Acquisition Strategy Development	██████████
AoA Expansion Studies	██

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<b>Exhibit R-4A, RDT&amp;E Schedule Details:</b> PB 2023 Air Force		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0401310F / C-32 Executive Transport R ecapitalization	<b>Project (Number/Name)</b> 640009 / C-32 Executive Transport Recap

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b>C-32 Recap</b>				
Acquisition Strategy Development	1	2021	1	2021
AoA Expansion Studies	1	2021	1	2022