

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation/Budget Activity</b>					<b>R-1 Program Element (Number/Name)</b>							
3600: <i>Research, Development, Test &amp; Evaluation, Air Force / BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>					PE 0604015F / <i>Long Range Strike - Bomber</i>							
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
Total Program Element	-	3,037.499	2,984.143	2,654.073	0.000	2,654.073	2,051.427	1,648.845	1,478.595	1,486.123	0.000	15,340.705
643308: <i>B-21 Development</i>	-	3,037.499	2,742.948	2,266.370	0.000	2,266.370	1,652.091	1,274.106	1,222.818	1,040.550	0.000	13,236.382
644044: <i>B-21 Modernization</i>	-	0.000	241.195	387.703	0.000	387.703	399.336	374.739	255.777	445.573	0.000	2,104.323

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

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. Program overview provided below.

The Long Range Strike - Bomber (B-21 Raider) is crucial to the nuclear modernization plan, forming the backbone of the Nation's future bomber force, providing both conventional and nuclear capability. The B-21 platform provides range, access, and payload to go anywhere needed, with the weapons required to deter and win our nation's wars. Its open system architecture will enable rapid integration of future capabilities, keeping the platform relevant and effective as the threat environment evolves. The Air Force requires a minimum of 100 B-21s as part of the long-term bomber force. The Engineering and Manufacturing Development (EMD) contract was awarded in 2015, followed by a Critical Design Review (CDR) completed in 2018. The first test aircraft is executing the B-21 flight test campaign and an approved Milestone C decision with all statutory and regulatory documentation is complete, unlocking the award of the first production lot, awarded in 2023. B-21 aircraft will be delivered to operational bases in the mid-2020s.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability.

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.

<b>B. Program Change Summary (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>
Previous President's Budget	3,143.584	2,984.143	2,465.817	0.000	2,465.817
Current President's Budget	3,037.499	2,984.143	2,654.073	0.000	2,654.073
Total Adjustments	-106.085	0.000	188.256	0.000	188.256
• 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	-0.100	0.000			
• SBIR/STTR Transfer	-105.985	0.000			
• Other Adjustments	0.000	0.000	188.256	0.000	188.256

**UNCLASSIFIED**

**Exhibit R-2, RDT&E Budget Item Justification:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation/Budget Activity</b>	<b>R-1 Program Element (Number/Name)</b>
3600: <i>Research, Development, Test &amp; Evaluation, Air Force I BA 4: Advanced Component Development &amp; Prototypes (ACD&amp;P)</i>	PE 0604015F / <i>Long Range Strike - Bomber</i>

**Change Summary Explanation**

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(A&S)/DSP.

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 3600 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0604015F / <i>Long Range Strike - Bomber</i>				<b>Project (Number/Name)</b> 643308 / <i>B-21 Development</i>			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
643308: <i>B-21 Development</i>	-	3,037.499	2,742.948	2,266.370	0.000	2,266.370	1,652.091	1,274.106	1,222.818	1,040.550	0.000	13,236.382
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. Program overview provided below.

The Long Range Strike - Bomber (B-21 Raider) is crucial to the nuclear modernization plan, forming the backbone of the Nation's future bomber force, providing both conventional and nuclear capability. The B-21 platform provides range, access, and payload to go anywhere needed, with the weapons required to deter and win our nation's wars. Its open system architecture will enable rapid integration of future capabilities, keeping the platform relevant and effective as the threat environment evolves. The Air Force requires a minimum of 100 B-21s as part of the long-term bomber force. The Engineering and Manufacturing Development (EMD) contract was awarded in 2015, followed by a Critical Design Review (CDR) completed in 2018. The first test aircraft is executing the B-21 flight test campaign and an approved Milestone C decision with all statutory and regulatory documentation is complete, unlocking the award of the first production lot, awarded in 2023. B-21 aircraft will be delivered to operational bases in the mid-2020s.

This program element may include necessary civilian pay expenses required to manage, execute, and deliver weapon system capability.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Long Range Strike Bomber (B-21) Development	3,037.499	2,742.948	2,266.370
<b>Description:</b> The B-21 Raider will be a dual-capable penetrating strike stealth bomber capable of delivering both conventional and nuclear munitions. Designed to operate in tomorrow's high-end threat environment, the B-21 will play a critical role in ensuring America's enduring airpower capability.			
<b>FY 2024 Plans:</b> Continue test aircraft build, scaling manufacturing, infrastructure and capacity across the industrial base, and planning/execution of test and evaluation activities. This funding will keep B-21 Raider development on track in support of the program's transition toward low-rate initial production and fielding.			
<b>FY 2025 Plans:</b> Continue test aircraft build, scaling manufacturing, infrastructure and capacity across the industrial base, and execution of test and evaluation activities. This funding will keep B-21 Raider development on track in support of the program's continued transition toward low-rate initial production and fielding.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b>			

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Air Force		<b>Date:</b> March 2024
<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604015F / <i>Long Range Strike - Bomber</i>	<b>Project (Number/Name)</b> 643308 / <i>B-21 Development</i>

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
FY 2025 decreased from FY 2024 by \$476.578M in support of the program's transition into low-rate initial production and fielding.			
<b>Accomplishments/Planned Programs Subtotals</b>	3,037.499	2,742.948	2,266.370

**C. Other Program Funding Summary (\$ in Millions)**

<b>Line Item</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
• MILCON PE 0604015: <i>Long Range Strike Bomber</i>	175.900	243.592	220.255	-	220.255	745.400	351.850	358.887	366.425	0.000	2,462.309
• OPAF 01 B02100: <i>B-21 Raider</i>	1,651.596	2,325.093	2,678.268	-	2,678.268	3,904.833	4,035.548	5,396.493	5,776.004	0.000	25,767.835
• OPAF 03 834130: <i>Air Force Physical Security System</i>	5.206	7.020	6.206	-	6.206	-	-	-	-	0.000	18.432

**Remarks**

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(A&S)/DSP.

**D. Acquisition Strategy**

The B-21 philosophy to drive success has been to actively manage the program, contract and contractor; to partner with the prime and supply chain for win-win successes; and to aggressively identify and mitigate risk early. The acquisition strategy incentivizes industry partners to achieve cost, schedule and performance objectives.

**UNCLASSIFIED**

**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604015F / Long Range Strike - Bomber	<b>Project (Number/Name)</b> 643308 / B-21 Development
--	--	---

Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
Actual breakout provided in Special Access Program Annual Report to Congress	Various	Not specified. : CA	-	3,037.499		2,742.948		2,266.370		-		2,266.370	Continuing	Continuing	-
<b>Subtotal</b>			-	3,037.499		2,742.948		2,266.370		-		2,266.370	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	3,037.499		2,742.948		2,266.370		-		2,266.370	Continuing	Continuing	N/A

**Remarks**  
 This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(A&S)/DSP.

**UNCLASSIFIED**

**Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604015F / <i>Long Range Strike - Bomber</i>	<b>Project (Number/Name)</b> 643308 / <i>B-21 Development</i>
--	---	--

FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
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><i>Long Range Strike Bomber</i></b>	
Actual schedule provided in Special Access Program Annual Report to Congress	

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604015F / <i>Long Range Strike - Bomber</i>	<b>Project (Number/Name)</b> 643308 / <i>B-21 Development</i>
--	---	--

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Long Range Strike Bomber</i></b>				
Actual schedule provided in Special Access Program Annual Report to Congress	1	2023	4	2029

**Note**  
 This program is reported in accordance with Title 10, USC, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(A&S)/DSP.

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Air Force										<b>Date:</b> March 2024		
<b>Appropriation/Budget Activity</b> 3600 / 4					<b>R-1 Program Element (Number/Name)</b> PE 0604015F / Long Range Strike - Bomber				<b>Project (Number/Name)</b> 644044 / B-21 Modernization			
<b>COST (\$ in Millions)</b>	<b>Prior Years</b>	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025 Base</b>	<b>FY 2025 OCO</b>	<b>FY 2025 Total</b>	<b>FY 2026</b>	<b>FY 2027</b>	<b>FY 2028</b>	<b>FY 2029</b>	<b>Cost To Complete</b>	<b>Total Cost</b>
644044: B-21 Modernization	-	0.000	241.195	387.703	0.000	387.703	399.336	374.739	255.777	445.573	0.000	2,104.323
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. Program overview provided below.

The Long Range Strike - Bomber (B-21 Raider) is crucial to the nuclear modernization plan, forming the backbone of the Nation's future bomber force, providing both conventional and nuclear capability. The B-21 platform provides range, access, and payload to go anywhere needed, with the weapons required to deter and win our nation's wars. Its open system architecture will enable rapid integration of future capabilities, keeping the platform relevant and effective as the threat environment evolves. The Air Force requires a minimum of 100 B-21s as part of the long-term bomber force. The Engineering and Manufacturing Development (EMD) contract was awarded in 2015, followed by a Critical Design Review (CDR) completed in 2018. The first test aircraft is executing the B-21 flight test campaign and an approved Milestone C decision with all statutory and regulatory documentation is complete, unlocking the award of the first production lot, awarded in 2023. B-21 aircraft will be delivered to operational bases in the mid-2020s.

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

	<b>FY 2023</b>	<b>FY 2024</b>	<b>FY 2025</b>
<b>Title:</b> Long Range Strike Bomber (B-21) Modernization	-	241.195	387.703
<b>Description:</b> B-21 Raider will be a dual-capable penetrating strike stealth bomber capable of delivering both conventional and nuclear munitions. Designed to operate in tomorrow's high-end threat environment, the B-21 will play a critical role in ensuring America's enduring airpower capability.			
<b>FY 2024 Plans:</b> FY 2024 includes funding for the continuation of modernization studies/ technical risk reduction activities. In addition, modernization activities will be supported, which includes but is not limited to; Long Range Standoff Weapon (LRSO) integration, conventional weapon integration, air vehicle provisioning for future capabilities, sensors, payloads, and continued nuclear certification activities.			
<b>FY 2025 Plans:</b> FY 2025 includes funding for the continuation of modernization studies/ technical risk reduction activities. In addition, modernization activities will be supported, which includes but is not limited to, Long Range Standoff Weapon (LRSO) integration, conventional weapon integration, air vehicle provisioning for future capabilities, sensors, payloads, and continued nuclear certification activities.			
<b>FY 2024 to FY 2025 Increase/Decrease Statement:</b>			

**UNCLASSIFIED**

<b>Exhibit R-2A, RDT&amp;E Project Justification:</b> PB 2025 Air Force	<b>Date:</b> March 2024
---	-------------------------

<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604015F / <i>Long Range Strike - Bomber</i>	<b>Project (Number/Name)</b> 644044 / <i>B-21 Modernization</i>
--	---	--

<b>B. Accomplishments/Planned Programs (\$ in Millions)</b>	FY 2023	FY 2024	FY 2025
FY 2025 increased from FY 2024 by \$146.508M in support of the program's continuation of modernization activities, to include enhanced technologies, and nuclear certification.			
<b>Accomplishments/Planned Programs Subtotals</b>	-	241.195	387.703

**C. Other Program Funding Summary (\$ in Millions)**

N/A

**Remarks**

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(AT&L)/DSP.

**D. Acquisition Strategy**

The B-21 philosophy to drive success has been to actively manage the program, contract and contractor; to partner with the prime and supply chain for win-win successes; and to aggressively identify and mitigate risk early. The acquisition strategy incentivizes industry partners to achieve cost, schedule and performance objectives.

**UNCLASSIFIED**

**Exhibit R-3, RDT&E Project Cost Analysis: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604015F / Long Range Strike - Bomber	<b>Project (Number/Name)</b> 644044 / B-21 Modernization
--	--	---

Product Development (\$ in Millions)				FY 2023		FY 2024		FY 2025 Base		FY 2025 OCO		FY 2025 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			
Actual breakout provided in Special Access Program Annual Report to Congress	Various	Not specified. : FL	-	-		241.195		387.703		-		387.703	Continuing	Continuing	-
<b>Subtotal</b>			-	-		241.195		387.703		-		387.703	Continuing	Continuing	N/A
<b>Project Cost Totals</b>			-	-		241.195		387.703		-		387.703	Continuing	Continuing	N/A

**Remarks**  
 This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(A&S)/DSP.

**UNCLASSIFIED**

**Exhibit R-4, RDT&E Schedule Profile: PB 2025 Air Force** **Date:** March 2024

<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604015F / <i>Long Range Strike - Bomber</i>	<b>Project (Number/Name)</b> 644044 / <i>B-21 Modernization</i>
--	---	--

FY 2023				FY 2024				FY 2025				FY 2026				FY 2027				FY 2028				FY 2029			
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><i>Long Range Strike Bomber</i></b>	
Actual schedule provided in Special Access Program Annual Report to Congress	[REDACTED]

**UNCLASSIFIED**

**Exhibit R-4A, RDT&E Schedule Details:** PB 2025 Air Force **Date:** March 2024

<b>Appropriation/Budget Activity</b> 3600 / 4	<b>R-1 Program Element (Number/Name)</b> PE 0604015F / <i>Long Range Strike - Bomber</i>	<b>Project (Number/Name)</b> 644044 / <i>B-21 Modernization</i>
--	---	--

Schedule Details

Events by Sub Project	Start		End	
	Quarter	Year	Quarter	Year
<b><i>Long Range Strike Bomber</i></b>				
Actual schedule provided in Special Access Program Annual Report to Congress	1	2024	4	2029

**Note**

This program is reported in accordance with Title 10, United States Code, Section 119(a)(1) in the Special Access Program Annual Report to Congress. For further information, please contact the Director of Special Programs, OUSD(A&S)/DSP.