

**UNCLASSIFIED**

**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 7: Operational Systems Development</i>	<b>R-1 Program Element (Number/Name)</b> PE 0102412F / <i>North Warning System (NWS)</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	-	0.096	0.099	76.910	0.000	76.910	63.035	73.725	73.364	31.682	Continuing	Continuing
674592: <i>Region/Sector Operations Modernization Center (R/SAOC)</i>	-	0.096	0.099	76.910	0.000	76.910	63.035	73.725	73.364	31.682	Continuing	Continuing
Quantity of RDT&E Articles	-	-	-	-	-	-	-	-	-	-		

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

Portions of this requirement are classified. Additional information is available upon request. FY 23 will fund development and fielding of HLD OTHR. OTHR will fill critical gaps to detecting threats to the Homeland at ranges far exceeding current sensors and enables situations awareness and tactical decision making for defense of North America.

This program element may include necessary civilian pay expenses required to manage execute and deliver weapon system capability. The use of such programs funds would be in addition to civilian pay expenses budgeted in program element 0605827F, 0605828F, 0605829F, 0605831F, 0605832F, 0605833F, 0605898F, 0606398F. In FY21, 0.00M was expended for civilian pay expenses in this program element, and in FY22, 1.00M is forecasted for civilian pay expenses in this program element.

This program is in Budget Activity 7, Operational System Development because this budget activity includes development efforts to upgrade systems that have been fielded or have received approval for full rate production and anticipate production funding in the current or subsequent fiscal year.

<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	0.100	0.099	0.000	0.000	0.000
Current President's Budget	0.096	0.099	76.910	0.000	76.910
Total Adjustments	-0.004	0.000	76.910	0.000	76.910
• Congressional General Reductions	0.000	0.000			
• Congressional Directed Reductions	0.000	0.000			
• Congressional Rescissions	-0.004	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	76.910	0.000	76.910

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**Change Summary Explanation**

25M Congressional Add funds were received to accelerate development activities.

\$25M Congressional Add was deleted since that money actually flowed into the OTHR Backscatter Radar PE per SAF/AQIJ (POC - Mr. Craig Hayes) // jrw 6 Apr 22

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

	FY 2021	FY 2022	FY 2023
<b>Title:</b> North Warning System (NWS)	0.096	0.099	76.910
<b>Description:</b> The details of this program are classified. Details are available upon request.			
<b>FY 2022 Plans:</b> N/A			
<b>FY 2023 Plans:</b> FY 23 Funds will be used to develop, field and test OTHR system for Homeland Defense.			
<b>FY 2022 to FY 2023 Increase/Decrease Statement:</b> N/A			
<b>Accomplishments/Planned Programs Subtotals</b>			76.910

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

N/A

**Remarks**

**E. Acquisition Strategy**

N/A



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<b>Exhibit R-4, RDT&amp;E Schedule Profile: PB 2023 Air Force</b>		<b>Date:</b> April 2022
<b>Appropriation/Budget Activity</b> 3600 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102412F / North Warning System (NWS)	<b>Project (Number/Name)</b> 674592 / Region/Sector Operations Modernization Center (R/SAOC)

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

N/A																												
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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 / 7	<b>R-1 Program Element (Number/Name)</b> PE 0102412F / <i>North Warning System (NWS)</i>	<b>Project (Number/Name)</b> 674592 / <i>Region/Sector Operations Modernization Center (R/SAOC)</i>

Schedule Details

Events	Start		End	
	Quarter	Year	Quarter	Year
N/A	1	2021	4	2026