Securing America's Southern Border

Lockheed Martin's AN/TPQ-53 Radar Strengthens U.S. Northern Command's Mission with Cutting-Edge Open Architecture Software

FORT HUACHUCA, Ariz., March 19, 2025 — Lockheed Martin (NYSE: LMT) has successfully integrated its AN/TPQ-53 multi-mission radar (MMR) with the Joint Task Force – Southern Border (JTF-SB) command and control systems in an operational environment, supporting U.S. Northern Command's (USNORTHCOM) southern border mission.

The AN/TPQ-53 MMR's open architecture design allows seamless integration with a variety of sensors and systems, providing a unified operational picture. This flexibility enables the system to quickly incorporate new capabilities and cutting-edge software, ensuring service members have the necessary tools to respond to emerging threats before they can adapt.

"The successful integration of the AN/TPQ-53 MMR in the southern border deployment showcases the power of collaboration between industry, government agencies such as the Department of Defense's Chief Digital and Artificial Intelligence Office and end-users in addressing complex challenges," said Rick Cordaro, Lockheed Martin's vice president and general manager of Radar Sensors and Systems. "The AN/TPQ-53 MMR's proven performance and reliability have earned it a reputation as a trusted asset, and its open architecture design ensures it will remain a vital component of USNORTHCOM's mission to actively work with Customs and Border Protection to secure the southern border."

The USNORTHCOM southern border mission demands the capability to detect and track various threats, ranging from airborne to ground-based threats. The AN/TPQ-53 MMR is built to address this demand, offering agile and precise 360-degree scanning that can be deployed in under five minutes. The system identifies rapid threats, such as unmanned aerial systems , enabling service members to swiftly detect and respond with agility.

This integration with the JTF-SB follows recent demonstrations Northern Strike and Desert Guardian 1.0 highlighting AN/TPQ-53's ability to quickly adopt software updates and meet urgent national security priorities. For additional information, visit our website: www.lockheedmartin.com/radar

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