Lockheed Martin's Helicopter-Based Missile Detection System Passes U.S. Navy Review Milestone

Electronic warfare system provides surveillance and countermeasure capabilities

SYRACUSE, N.Y., Sept. 5, 2017 /PRNewswire/ -- The Advanced Off-Board Electronic Warfare (AOEW) system, developed by Lockheed Martin (NYSE:LMT), passed Preliminary Design Review on schedule, demonstrating outstanding sustained performance. The AOEW system will provide MH-60 helicopters with enhanced electronic warfare surveillance and countermeasure capabilities against anti-ship missile (ASM) threats.

"The battlefield at sea is constantly changing," saidJoe Ottaviano, electronic warfare program director. "Our Advanced Off-Board Electronic Warfare capabilities will give the U.S. Navy a powerful tool to detect threats and respond to our adversaries."

The AOEW contract was awarded on Dec. 23, 2016, building on Lockheed Martin's 45-year legacy of integrated electronic warfare system success. The U.S. Navy awarded Lockheed Martin a$42 million contract for the system design and development phase. Lockheed Martin expects to be awarded the EMD phase of the contract, which has options for six units, in later this year.

The AOEW AMP AN/ALQ-248 can work independently or with the ship's onboard electronic surveillance sensor, SEWIP Block 2 AN/SLQ-32(V)6, to detect an incoming missile and then evaluate where it is going. AOEW then uses radio frequency countermeasure techniques to deter the missile. The AOEW program leverages expertise across Lockheed Martin.

Construction of the AOEW systems inSyracuse, New York, is slated to begin in early 2018. TheOwego, New York, team will integrate the system onto the MH-60 helicopters, which are built by Sikorsky, a Lockheed Martin Company.

For additional information, visit http://lockheedmartin.com/us/products/electronic-warfare/naval-ew.html

About Lockheed Martin
Headquartered in Bethesda, Maryland, Lockheed Martin is a global security and aerospace company that employs approximately 97,000 people worldwide and is principally engaged in the research, design, development, manufacture, integration and sustainment of advanced technology systems, products and services.

SOURCE Lockheed Martin

Additional assets available online: Photos (1)

https://news.lockheedmartin.com/2017-09-05-Lockheed-Martins-Helicopter-based-Missile-Detection-System-Passes-U-S-Navy-Review-Milestone