

BAE Systems Sensor Technology Guides Next-Generation Missile to Readiness



Artist's rendering of the LRASM. BAE Systems NASHUA, New Hampshire – BAE Systems worked closely with Lockheed Martin to deliver Long-Range Anti-Ship Missiles (LRASM) to the U.S. Air Force, achieving Early Operational Capability (EOC) for the B-1B bomber ahead of schedule, BAE said in a May 6 release. The Air Force accepted delivery of production LRASM units following successful simulation, integration, and flight tests that demonstrated the missile's mission readiness.

“We’re quickly delivering critical capabilities to warfighters to meet their urgent operational needs,” said Bruce Konigsberg, Radio Frequency (RF) Sensors product area director at BAE Systems. “Our sensor systems provide U.S. warfighters with a strike capability that lets them engage protected, high-value maritime targets from safe distances. The missile provides a critical advantage to U.S. warfighters.”

BAE Systems’ long-range sensor and targeting technology enables LRASM to detect and engage protected ships in all weather conditions, day or night, without relying on external intelligence and navigation data.

BAE Systems and Lockheed Martin are working closely together to further mature the LRASM technology. The companies recently signed a contract for the production of more than 50 additional sensors and are working to achieve EOC on the U.S. Navy's F/A-18E/F Super Hornet in 2019.

The advanced LRASM sensor technology builds on BAE Systems' knowledge in electronic warfare (EW), signal processing and targeting technologies, and demonstrates the company's ability to apply its world-class EW technology to small platforms. The successful LRASM sensor program demonstrates the company's ability to quickly deliver advanced EW technology to warfighters.

As part of the company's electronic warfare capacity expansion initiatives, it locates key programs where they will be optimally staffed to quickly transition from design to production, accelerate deliveries, and improve product affordability. The company's work on the LRASM program is conducted at state-of-the-art facilities in Wayne, New Jersey and Nashua, New Hampshire.