



## U.S. Navy links Standard Missile-6 with F-35 Joint Strike Fighter in first-of-a-kind flight test

September 14, 2016

### Raytheon multi-mission missile teams with next-gen aircraft to destroy over-the-horizon target

WHITE SANDS MISSILE RANGE, N.M., Sept. 14, 2016 /PRNewswire/ -- In a first-of-its-kind engagement, a Raytheon Company (NYSE: RTN) Standard Missile-6 linked with an F-35 fighter destroyed a medium-range, medium-altitude, subsonic target. The USS Desert Ship (LLS 1), a land-based U.S. Navy Combat System equipped with the latest AEGIS Baseline, fired the SM-6, which intercepted the over-the-horizon target, out of sight of its operators.

The mission was the latest in a test series for Naval Integrated Fire Control – Counter Air, or NIFC-CA, a program designed to link U.S. Navy ships and various airborne sensors, such as the F-35, into a single integrated sensor network. During this capability demonstration, the SM-6 received continuous updates from the network, including the fighter aircraft, leading to the successful intercept of the target.

"This test once again demonstrates the multi-dimensional capability provided by pairing the NIFC-CA system and the multi-mission SM-6," said Mike Campisi, SM-6 Senior program director. "By linking SM-6 with airborne sensors on the F-35 or other aircraft through NIFC-CA, we help to dominate the combat environment and defeat the threat."

SM-6 provides U.S. Navy vessels with extended-range protection against fixed- and rotary-wing aircraft, unmanned aerial vehicles, cruise missiles and ballistic missiles in the terminal phase of flight, and an offensive capability against surface targets.

In April 2015, [Raytheon delivered](#) the first full-rate production SM-6 from its \$75-million, 70,000-square-foot SM-6 and Standard Missile-3 all-up-round production facility at Redstone Arsenal in Huntsville, Alabama. Raytheon has currently delivered more than 300 SM-6 missiles with continuing production.

#### About Standard Missile-6

SM-6 delivers proven over-the-horizon, air defense through the time-tested advantages of the Standard Missile's airframe and propulsion.

- SM-6 uses both active and semi-active guidance modes and advanced fuzing techniques.
- It incorporates the advanced signal processing and guidance control capabilities from Raytheon's Advanced Medium-Range Air-to-Air Missile.
- SM-6 delivers multi-mission capability for long range Fleet Air Defense, Sea-Based Terminal Defense, and Anti-Surface Warfare.

#### About Raytheon

Raytheon Company, with 2015 sales of \$23 billion and 61,000 employees, is a technology and innovation leader specializing in defense, civil government and cybersecurity solutions. With a history of innovation spanning 94 years, Raytheon provides state-of-the-art electronics, mission systems integration, C5I™ products and services, sensing, effects, and mission support for customers in more than 80 countries. [Raytheon](#) is headquartered in Waltham, Massachusetts. Follow us on Twitter [@Raytheon](#).

#### Media Contacts

Amanda Schildt  
+1.571.305.3915  
[rmspr@raytheon.com](mailto:rmspr@raytheon.com)

To view the original version on PR Newswire, visit: <http://www.prnewswire.com/news-releases/us-navy-links-standard-missile-6-with-f-35-joint-strike-fighter-in-first-of-a-kind-flight-test-300328335.html>

SOURCE Raytheon Company