



Northrop Grumman Delivers 1,000th Distributed Aperture System for the F-35

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On-time delivery milestone highlights the maturity of the DAS technology

ROLLING MEADOWS, Ill., Feb. 18, 2015 /PRNewswire/ -- Marking another on-time delivery, Northrop Grumman Corporation (NYSE: NOC) recently supplied the 1,000th AN/AAQ-37 Distributed Aperture System (DAS) sensor for integration on the F-35 Lightning II aircraft.

The Northrop Grumman logo, featuring the company name in a bold, blue, sans-serif font. To the right of the text is a stylized blue graphic element consisting of two vertical bars of unequal height and a horizontal bar connecting them at the top, forming a partial 'N' or a corner bracket.

The six infrared DAS sensors on the F-35 provide full spherical situational awareness to the pilot, day and night. The DAS provides a revolutionary capability to autonomously detect and track aircraft and missiles in every direction, while projecting video directly into the pilot's helmet mounted display and eliminating cockpit obscurities. With DAS, the pilot has an unprecedented view and awareness of the surrounding world.

In flight testing, the DAS has demonstrated the ability to expand into additional missions and platforms, including ballistic missile defense, hostile ground fire detection and unmanned aircraft operations. DAS flight demonstrations have included tracking a rocket to over 800 miles (1300km) distance.

"With 1,000 sensors delivered, we have demonstrated the maturity and affordability of our DAS technology," said David Partridge, director, F-35 Radar and DAS programs, Northrop Grumman. "The system provides fifth generation awareness and protection unparalleled in legacy aircraft and continues to show its versatility and applicability to a wide range of additional missions and platforms."

As a principal member of the Lockheed Martin-led F-35 industry team, Northrop Grumman performs a significant share of the work required to develop and produce the aircraft. In addition to producing DAS, Northrop Grumman designed and produces the F-35's AN/APG-81 radar and communications subsystems avionics; produces the center fuselage; develops mission systems and mission-planning software; leads the team's development of pilot and maintenance training system courseware; and manages the team's use, support and maintenance of low-observable technologies.

Northrop Grumman is a leading global security company providing innovative systems, products and solutions in unmanned systems, cyber, C4ISR, and logistics and modernization to government and commercial customers worldwide. Please visit www.northropgrumman.com for more information.

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