



Northrop Grumman Highlights Global Defence and Security Capabilities at Dubai Air Show 2013

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DUBAI, United Arab Emirates, Nov. 13, 2013 /PRNewswire/ -- Northrop Grumman Corporation (NYSE: NOC) will highlight a range of its global defence and security solutions, including airborne early warning and control systems, aerial surveillance and fire control radars at the Dubai Air Show 2013.

(Logo: <http://photos.prnewswire.com/pmh/20121024/LA98563LOGO>)

The foremost aerospace event in the Middle East, the 2013 Dubai Air Show will take place at the Dubai World Center, Nov. 17-21.

Northrop Grumman will be exhibiting at stand #2051 with the company's chalets located at A34 and A35.

"Northrop Grumman is proud of its long trusted partnership with the United Arab Emirates [UAE] built over many years on a variety of programs and capabilities," said Douglas Raaberg, chief executive United Arab Emirates, Northrop Grumman. "Our objective is to continue to work closely with our customers to build on this trusted partnership and to provide the most advanced long-term capabilities to help meet the UAE's security needs."

Northrop Grumman has a well-established presence in the Middle East. The recent appointment of Raaberg significantly enhances the company's profile in the UAE and helps position it for future success globally.

The industry-leading airborne early warning capabilities of its E-2D Advanced Hawkeye will be highlighted in Northrop Grumman's exhibit with a crew workstation and flyable cockpit simulator to demonstrate the E-2D's benefits for military and civil applications.

The E-2D Advanced Hawkeye couples a newly designed electronically scanned radar with a matching suite of sensors, avionics, processors, software and displays to provide the most technologically advanced command and control capability available worldwide. The AN/APY-9 radar is the backbone of this aircraft and provides greater flexibility and significantly improved detection and tracking over all terrains. Northrop Grumman has delivered 10 E-2D Advanced Hawkeye aircraft to the U.S. Navy and initial operational capability with the Navy fleet is on track for 2015. The programme entered full-rate production in early 2013 after being declared operationally suitable and effective following a robust 10-month initial operational test and evaluation by the Navy.

Fielded and operationally proven by the U.S. Air Force and customers worldwide, the S-Band, long-range AN/TPS-78 and the midrange TPS-703 ground radars are in 24-hour-a-day operation around the world. With its sophisticated filters installed to counter sea clutter and its ability to operate in high temperatures, Northrop Grumman's TPS-78 and TPS-703 radars are ideally suited to the unique environment of the Gulf.

The AN/TPS-80 Ground/Air Task-Oriented Radar (G/ATOR) is a highly mobile AESA radar system that provides multifaceted detection and tracking capabilities. With its ability to intelligently and adaptively allocate its myriad sensor capabilities, G/ATOR is able to detect and track a wide variety of threats, including manned aircraft, cruise missiles and unmanned autonomous systems, as well as mortar, rocket and artillery rounds.

The exhibit will also feature a range of Northrop Grumman's industry-leading airborne fire control radars, including the AN/APG-68(V) 9, AN/APG-80, AN/APG-81 and the Scaled Agile Beam Radar (SABR), the newest multifunction AESA radar for the U. S. Air Force and foreign F-16 aircraft. SABR, which is under contract with the U.S. Air Force and Taiwan F-16 radar modernization and upgrade program, is an affordable, multifunction AESA radar designed for low cost retrofit in current F-16s and scalable for integration in other aircraft.

Part of Northrop Grumman's family of unmanned air systems (UAS), the combat-proven Bat™ UAS can be configured for a variety of tactical missions. The catapult-launched system carries a variety of intelligence-gathering sensors that help ground commanders detect and identify threats – helping save lives with its ability to fly for long periods at a relatively low cost.

A key educational initiative being highlighted in the exhibit is the UAE Innovation Challenge, an unmanned aircraft competition which brings together Northrop Grumman engineers, students from the Higher Colleges of Technology and UAE industry to help deepen student appreciation of, and interest in, science, technology, engineering and mathematics, or STEM.

"Northrop Grumman is committed to strengthening science, technology, engineering and mathematics education and to encourage student interest in STEM-related programs and careers in international locations where we operate around the world," said Raaberg. "We are proud to sponsor this challenging competition that encourages innovation among students in the UAE as they learn to design, build and fly unmanned aerial vehicle models."

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.

SOURCE Northrop Grumman Corporation

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