Northrop Grumman Highlights Global Security Capabilities at Seoul International Aerospace and Defence Exhibition 2013

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LONDON, Oct. 23, 2013 /PRNewswire/ -- Northrop Grumman Corporation (NYSE: NOC) is participating in the Seoul International Aerospace and Defence Exhibition (ADEX) where it will highlight the company's global security capabilities and programmes, including its world leading capabilities in unmanned aircraft systems and radar technologies.

(Logo: http://photos.prnewswire.com/prnh/20121024/LA98563LOGO)

The Seoul ADEX takes place 29 October – 3 November at the KINTEX exhibition Centre. The Northrop Grumman chalet is located at CH 1-2 and the exhibit stand is located at H9-H9 in the exhibit hall.

Northrop Grumman's airborne surveillance capability will be highlighted with a full-scale model of the RQ-4 Global Hawk high-altitude, long-endurance unmanned aircraft system on display. The combat-proven Global Hawk carries a variety of intelligence, surveillance and reconnaissance sensor payloads that allow military commanders to gather imagery and use radar to detect moving or stationary targets on the ground. The system also provides airborne communications and information sharing capabilities to military units in harsh environments.

"We have strong, well-established business relationships across the region and participating in the Seoul ADEX provides us with an opportunity to continue our dialogue not just with our customers, but also with other key stakeholders," said David Perry, corporate vice president and chief global business development officer, Northrop Grumman. "We have considerable capabilities to offer and our objective is to continue to work closely with our customers to provide long-term solutions and help enhance defence and national security in the region."

The Northrop Grumman exhibit will feature the company's industry-leading Active Electronically Scanned Array (AESA) radar technology. Models of the corporation's family of AESA fire control radars including the AN/APG-81, AN/APG-80 and the Scaled Agile Beam Radar (SABR), the newest multifunction AESA radar, will be on display.

The exhibit will also include an AH-1Z helicopter cockpit demonstrator which will highlight the capability of Northrop Grumman's Integrated Avionics System (IAS) that powers the glass cockpits of H-1 helicopters. Mission computers provide centralized control of the IAS, interface with the tactical moving map and display both situational awareness and health monitoring information. Additionally, the IAS and mission computers feature an open, modular architecture that allows for system upgrades and insertion of new technologies. Critical mission data is shown on four displays, reducing workload and increasing aircrew situational awareness.

Other radar capabilities highlighted will include the LONGBOW Fire Control Radar, AN/ZPY-1 STARLite small tactical radar and AN/TPS-80 Ground/Air Task Oriented Radar (G/ATOR).

The LONGBOW Fire Control Radar for the AH-64E Apache attack helicopter, which Northrop Grumman is producing in a joint venture with Lockheed Martin, is a battle-proven radar system that provides Apache pilots with target detection, location, classification and prioritization, in any weather, over multiple terrains and through any battlefield obscurant, increasing situational awareness and survivability.

Northrop Grumman's AN/ZPY-1 STARLite Small Tactical Radar – Lightweight is a wide area surveillance radar which features synthetic apertures, ground moving target indicators and dismount moving target indicator capabilities.

The AN/TPS-80 Ground/Air Task Oriented Radar (G/ATOR) system is a ground-based, multimission radar designed to detect and track a wide variety of threats and is built with an open, scalable architecture to enable digital interoperability. The AN/TPS-80 also enables new capabilities to be added through software-only updates.

Also being featured is the company's APR-39 radar warning receiver and electronic warfare suite controller. The APR-39 acts as a radar warning receiver and a controller for an aircraft's electronic warfare survivability suite, capable of integrating with and displaying data from a wide variety of onboard sensors. Incorporating modular digital receiver/exciter technology, APR-39 provides rapid identification and continuous 360-degree threat warnings for today's complex battlefields. This cost-effective system features advanced technology in a small, lightweight configuration that protects a wide variety of fixed, rotary-wing and tilt-rotor aircraft from even the most advanced threats.

Other programmes highlighted will be directional infrared countermeasures and Northrop Grumman's exportable family of interoperable command and control systems including International Track Server (iTRACKS). The iTRACKS system, ideal for international customers, including the Republic of Korea, provides a common operational picture and greater interoperability with coalition forces.

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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