



Northrop Grumman Unveils New Digital, Two-Axis Rate Sensor in a Miniature, Low-Cost Package

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WOODLAND HILLS, Calif., Oct. 17, 2016 (GLOBE NEWSWIRE) -- Northrop Grumman Corporation (NYSE:NOC) has delivered the first production unit of its new LRS-2003 two-axis rate sensor. The first application of the LRS-2003 will be to stabilize a mast-mounted sensor suite for a ground vehicle.

A photo accompanying this release is available at: <http://news.northropgrumman.com/file?fid=580124982cfac252ea705e16>

Derived from the successful LRS-200X family of rate sensors, the LRS-2003 is the smallest two-axis rate sensor in Northrop Grumman's portfolio and the smallest tactical-grade, two-axis, digital rate sensor on the market. It is ideal for platform and gimbal stabilization; electro-optical/infrared camera, radar, gun and turret stabilization; remote weapons stations; and missile, torpedo and ground vehicle applications.

The two-axis LRS-2003 rate sensor assembly offers considerable size, weight and power efficiency advantages at an affordable price. Additionally, the LRS-2003 offers best-in-class angle random walk (ARW) for greater accuracy when providing high-rate digital angular rate measurements. ARW is a measure of the white noise component within the gyro's angular rate output signal and is an indicator of the gyro's short-term accuracy.

"Northrop Grumman's rate sensor technology enables reliability and performance for sophisticated weapons systems in the most challenging environments — from underground drilling to the wingtips of the world's most advanced fighters," said Dean Ebert, vice president, navigation and positioning systems, Northrop Grumman Mission Systems. "As our newest entry into the rate sensor market, the LRS -2003 expands the value of our product portfolio by offering the high performance that our customers rely on in a smaller, more affordable package."

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

Contact:

Joyce Chang

818-715-2442 (office)

818-746-6586 (mobile)

joyce.chang@ngc.com



Northrop Grumman Corporation