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## **CROSSBOW TECHNOLOGY INTRODUCES NEXT GENERATION MEMS INERTIAL SYSTEMS WITH 3 DEG/HR STABILITY**

**AUVSI 2009, Washington, DC - August 12, 2009**

Crossbow Technology, Inc., the leading developer of MEMS and FOG-based Inertial Systems, today announced its new 800-series high-performance family of products incorporating next generation MEMS sensors that combine 3 deg/hr FOG-like performance with the high-reliability of MEMS.

The IMU800 (inertial measurement unit) and VG800 (vertical gyroscope) models are both available as standard commercial products. The VG800 is also offered in a mil-qualified configuration (MA) designed specifically for use in UAV flight control, platform stabilization, land vehicle navigation and military helicopter avionics systems. The VG800MA meets the requirements for operation in MIL-STD-810 and MIL-STD-461 environments, and delivers high reliability with an estimated MTBF of > 20,000 hours.

“Our new 800-series products are creating exciting opportunities for military system developers.” said Mike Horton, President/CEO, Crossbow Technology “Customers no longer have to compromise between the high performance of FOG and the high reliability of MEMS. The 800-series offers the best of both technologies in one cost-effective solution, and each model is backwards compatible with Crossbow’s 700-series FOG-based products.”

### **About Crossbow Technology**

Founded in 1995, Crossbow pioneered the use of Micro-Electro-Mechanical System (MEMS) Inertial System technology in a wide variety of airborne, land and marine applications. Crossbow first introduced FAA-certified MEMS-based Attitude and Heading Reference Systems (AHRS) to General Aviation on the FAA Capstone program, and the company continues to be at the forefront of AHRS and Inertial Systems development.

With corporate headquarters in San Jose, CA, and Asian offices in Tokyo and Osaka, Japan, Crossbow is represented by distributors in 24 countries worldwide. Crossbow is ISO 9001/2000 certified, holds several FAA TSO approvals, and operates an FAA MIDO approved facility.

Contact Crossbow at +1-408-965-3300, email [info@xbow.com](mailto:info@xbow.com), or online at <http://www.xbow.com>.

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