



Client Contact:
David Hoyh
Systron Donner Inertial
(925) 979-4503



IMMEDIATE RELEASE

**Systron Donner Inertial
Introduces the New High-Performance MEMS Angular Rate Sensor**

QRS116

Walnut Creek, Calif – August 1, 2009 - Systron Donner Inertial (SDI), an operating division of Custom Sensors & Technologies (CST), introduces the QRS116, a new high performance MEMS quartz rate sensor for both tactical and critical applications.

The QRS116 provides unprecedented angle random walk values, outstanding bias stability and superior vibration performance while maintaining the identical compact package size of its industry standard QRS11 sensor. The QRS116 is an evolutionary designed product, leveraging SDI's new high-performance MEMS quartz tuning fork sensing element and discrete electronics to achieve the demanding performance levels required by tactical aerospace and other critical applications. The very low noise, excellent bias stability and superior vibration performance characteristics makes the QRS116 the uncontested choice for applications ranging from tactical to critical instrumentation

The QRS116's performance specifications include $\leq 3^\circ/\text{hr}$. bias stability over temperature, $0.12^\circ/\sqrt{\text{hr}}$. Angle Random Walk (2X better than QRS11) and 1,000g shock survival (5X better than QRS11).

Production units are available now!

For further information and specifications on the QRS116, or for information on the complete SDI product line, contact Systron Donner Inertial, 355 Lennon Lane, Walnut Creek, CA, 94598-2418.

Tel: (925) 979-4500; Fax: (925) 979-9827; E-mail: sales@systron.com; Web: www.systron.com.

About Systron Donner Inertial:

Systron Donner Inertial (SDI) is an operation of Custom Sensors & Technologies (CST). SDI is a world leader in quartz MEMS inertial sensors and systems. SDI's high performance products include rate sensors, multi-axis systems, IMUs and INS/GPS systems.

About Custom Sensors & Technologies:

Headquartered in Moorpark, CA - Custom Sensors & Technologies (CST) is comprised of industry-leading brands including Crouzet, Kavlico, Crydom, and former divisions of BEI Technologies – Newall and Systron Donner. CST provides sensors, controls, and actuation products for the Transportation, Industrial and Aerospace & Defense markets.

www.cstsensors.com