

For more information:  
David Hoyh  
Systron Donner Inertial  
(925) 979-4503

## **FOR IMMEDIATE RELEASE**

### **Systron Donner Inertial Delivers 1,000<sup>th</sup> SDI500 MEMS IMU**

Concord, CA – June 11, 2015 – Systron Donner Inertial, the world's leader in high performance MEMS Inertial Sensors & Systems, delivered the 1,000<sup>th</sup> SDI500 Tactical Grade IMU on June 9, 2015.

Since the product's introduction in 2010, the SDI500 has become a successful, widely used Tactical Grade IMU that is noted for its outstanding reliability and accuracy, even in challenging environments subject to high vibration, rapidly changing temperature extremes, and tough mission profiles. The SDI500 is distinguished as the only MEMS IMU capable of delivering 1.0°/hr gyro bias and 1 mg accel bias stability over full temp. -55°C to +85°C. It also features <1.0°/hr gyro bias in-run stability, 0.02°/√hr random walk noise, dynamic range of +/- 1,000 °/sec for the gyros and +/- 50g for the accelerometers and <1.0 sec valid data start-up. The high performance IMU is used in various tactical guidance, navigation, flight control and stabilized systems. The compact, low power SDI500 provides an excellent SWaPC advantage over legacy tactical grade FOG and RLG IMU's.



"One thousand tactical grade IMU deliveries to multiple customers worldwide for mission critical applications is a significant milestone signifying product maturity and customer acceptance." said David Hoyh, Director Sales & Marketing for SDI. "Systron Donner Inertial continues to invest in SDI500 performance capability enhancements and production capacity to meet our customers' evolving needs."

For further information and specifications on the SDI500 IMU or SDN500 INS/GPS, or for information on the complete SDI product line, call +1 925-979-4500, e-mail: [sales@systron.com](mailto:sales@systron.com); or visit us on the Web: [www.systron.com](http://www.systron.com).



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#### **About Systron Donner Inertial:**

Systron Donner Inertial (SDI) is the world's leading supplier of Quartz MEMS Inertial Sensing Products and Systems providing precision systems solutions to aerospace, military and commercial aircraft, marine and land vehicular applications. Our products and systems are ideally suited for use by Integrators and OEMs. SDI is a pioneer in the development of Quartz MEMS technology utilizing tuning-fork designs, originally introduced at the heart of the company's renowned solid-state quartz MEMS sensor design. SDI is continuously developing leading-edge technologies applied to innovative, breakthrough products which are enabling advanced performance in critical military and commercial Guidance, Navigation and Control (GN&C) applications worldwide.

Our experience is built on over half a century of market and technological leadership in supplying our innovative angular rate sensors, linear accelerometers, inertial measurement unit and INS/GPS designs to these markets, contributing to both overall performance and establishing standards for excellent price/performance characteristics. Systron Donner Inertial is brand of Custom Sensors & Technologies (CST), headquartered in Moorpark, California

#### **About Custom Sensors & Technologies:**

Custom Sensors & Technologies (CST) is a specialist in sensing, control and motion products. Through its brands, BEI Kimco, BEI Sensors, BEI PSSC, Crouzet, Crydom, Kavlico, Newall and Systron Donner Inertial, CST offers customizable, reliable and efficient components for mission-critical systems in Aerospace & Defense, Transportation, Energy & Infrastructure, Medical, Food and Beverage and Building Equipment markets.

Focused on premium value offers and committed to excellence, CST, with 4,400 employees worldwide and sales of \$590M US in 2014, is the dependable and adaptable partner for the most demanding customers.