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FOR IMMEDIATE RELEASE

Systron Donner Inertial Delivers 2,500th SDI500 MEMS IMU

Concord, CA – February 6, 2018 – Systron Donner Inertial, the world's leader in high performance MEMS Inertial Sensors & Systems, delivered the 2,500th SDI500 Tactical Grade IMU on January 25, 2018.

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 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. The IMU 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.



"SDI reached the 1,000-unit milestone back in mid-2015. We have seen steady accelerated demand for the SDI500 to reach the 2,500-unit milestone in just over two-and-a-half years, signifying the product's maturity and customer acceptance. SDI has delivered the tactical grade IMU to multiple customers worldwide for their mission critical applications." 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."





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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; or visit us on the Web: www.systron.com.

About Systron Donner Inertial:

Systron Donner Inertial supplies the world's highest performance MEMS Inertial Sensors & Systems. Our quartz MEMS Gyroscopes, Accelerometers, Inertial Measurement Units and GPS/INS products deliver a clear, continuously improving SWaPC advantages over alternative technologies.

As a pioneer with more than 50 years of extensive experience Systron Donner Inertial is continuously developing leading-edge disciplines with new innovative breakthrough products, which are enabling advanced performance capabilities in mission critical applications worldwide.

Systron Donner Inertial products have no moving parts, no friction, and no known modes of wear out, require no recalibration or rebuilding; therefore, deliver industry-leading reliability under the most demanding conditions through dedicated engineering technology and manufacturing operations excellence, and AS9100 Aerospace Quality System Certification.

The result Systron Donner Inertial provides precision system solutions and establishes standards for excellent price/performance characteristics for guidance, navigation, control, pointing and stabilization applications in commercial and military aircraft, unmanned autonomous vehicles, land vehicles, precision guided weapons, industrial and marine platforms.