

CASTLEBERRY INSTRUMENTS & AVIONICS

817 West Howard Lane • Austin, Texas 78753 • Phone: 512.251.5322

NEWS

FOR IMMEDIATE RELEASE:

Castleberry certifies new ruggedized electric gyroscopic attitude and directional indicators for the helicopter market.

Austin, TX – December 10, 2007 – Castleberry Instruments and Avionics has introduced a new series of gyro flight instruments for fully integrated service in helicopter operations. The new ruggedized design now meets the challenge, providing a TSO'd instrument that withstands punishing high vibration and torturing dynamic motion found in helicopter operations. Castleberry met this demanding design challenge by adding specialized and more robust internal structural components.

The new gyro family includes standard electric attitude horizons and directional gyros and electric attitude horizons and directional gyros for HeliSAS™ helicopter autopilot systems. These new Castleberry gyro instruments are now certified in Robinson R-22 and R-44 series helicopters with other helicopter certifications to be completed in the near future.

The standard helicopter gyros include the 200-11E Series Electric Directional Gyro and the 300-14E Series Electric Attitude Horizon. The gyro series are 14- or 28-VDC compatible. The horizon is available with, or without inclinometer.

The specialized autopilot gyros for helicopter operations now include the 200-11EBD Series Directional Gyros and the 900-23EPHD Series Attitude Horizon. The gyro series is 14- or 28-VDC compatible and is designed to provide all attitude and direction information for the Chelton HeliSAS™ digital helicopter autopilot. The horizon is available with inclinometer as standard equipment and the heading bug is standard on the directional gyro.

Castleberry gyros embody a heritage of quality and reliability brought by a core of professionals with an average of more than 20-years in the industry. New gyros for helicopter applications carry a 15-month warranty.

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These new products are FAA approved, TSO'd and complement Castleberry's current line of standard and autopilot gyros and flight directors previously manufactured by AIM for Century Flight, S-TEC and others. Castleberry units fit the same panel cut-out, use the same mating connectors and perform the same functions. Installation of these units is straight-forward with no modifications required.

For additional specifications and pricing for these and other fine Castleberry products, visit the company web site at **www.ciamfg.com**.

One customer providing Castleberry instruments to the helicopter industry praised that quality in his statement. "The reliability and ruggedness of design makes Castleberry gyros a very successful product line," said James Garrett, vice president of Addison, TX Executive Instruments. "It's obvious from my 43-year perspective that much care has gone into the design and manufacture of Castleberry gyros," he continued.

Castleberry Instruments and Avionics is an Austin, Texas manufacturer and repair facility of aircraft flight instruments and electronic components for the General Aviation and Corporate Aircraft industry. Sales of Castleberry instruments are available factory-direct and through selected dealers in the United States, South America, South Africa and Australia. Repair and overhaul services of gyroscopic aircraft instruments is also a Castleberry specialty. With more than 30 years in the industry, the highly respected company produces FAA approved and TSO'd replacement products for many older, obsolete instruments no longer manufactured elsewhere.

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For more information contact:
sales@ciamfg.com