

Rugged new helicopter instruments for HeliSAS™ autopilot operations.



SPECIFICATIONS

900 Series Electric Gyroscopic Horizon TSO'd for Helicopter Autopilot Operations

Model:	900-EPHD
Part Number:	504-0027-942
Mod B	TSO: C4c DO160()
Input:	14- or 28-VDC
Output:	Autopilot +/- 50MVDC per degree
Lighting:	Blue White std.
Case:	Standard 3 1/8 in.
Bezel:	Standard Round
Panel tilt:	0 to 16 degrees
Weight:	Up to 2.7 lbs
Features:	Parallax Correction Manual Fast Sync Knob Gyro Monitor Flag Inclinometer

200 Series Electric Directional Gyro TSO'd for Helicopter Autopilot Operations

Model:	200-11EBD
Part Number:	505-0001-955
TSO:	C5c DO 160()
Input:	14- or 28-VDC
Output:	Autopilot +/- 550MVDC per degree
Lighting:	Blue White std.
Case:	Standard 3 1/8 in.
Bezel:	Standard Round
Weight:	Up to 3.5 lbs
Features:	Heading Bug Gyro Monitor Flag

Castleberry Instruments and Avionics introduces a new series of gyro flight instruments for fully integrated operations in HeliSAS™ helicopter autopilot systems. These Castleberry HeliSAS gyro instruments are certified in Robinson R-22 and R-44 series helicopters with other helicopter certifications to be completed in the near future.

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.

These specialized gyros for helicopter operations now include the 200-11EBD Series Directional Gyros and the 900-23EPHD Series Attitude Horizon. The gyro series are 14- or 28-VDC compatible. The horizon is available with inclinometer as standard equipment and the heading bug is standard on the directional gyro.

These new products are FAA approved, TSO'd and complement Castleberry's current line of 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.

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.

Castleberry manufactures aircraft flight instruments and electronic components for the General Aviation and Corporate Aircraft industry. Repair and overhaul services of gyroscopic aircraft instruments is also a Castleberry specialty.



For more information on this or other fine Castleberry products, call 512-251-5322 or e-mail to sales@ciamfg.com.

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INSTRUMENTS & AVIONICS

817 W. Howard Lane, Bldg. B • Austin, Texas 78753

Phone: 512-251-5322 • Fax: 512-252-7322 • sales@ciamfg.com • www.ciamfg.com