

Rugged new instruments for superior reliability in helicopter operations.



SPECIFICATIONS

200 SERIES ELECTRIC DIRECTIONAL GYRO

Model:	200-11ELH
Part Number:	505-0001-960 /-961
Input:	14- or 28-VDC
Operating Limits:	55 Degrees pitch and roll, all headings
Lighting:	Blue White
Weight:	3.0 Lb. Max
Bezel:	ARINC
Case:	Standard 3 1/8 in. diameter

Additional features include:

- Certified under FAA, TSO C5c
- Functional under helicopter DO-160- () curve vibration
- Night vision lighting available
- Bezel-mounted light tray
- Rear mounted in shock-mounted panel

900-23 EH SERIES ELECTRIC ATTITUDE HORIZON

Model:	900-23 EH
Part Number:	504-0027-947/ -948/ -949/ -950
Panel Tilt:	Various: 0 to 14 Degrees
Input:	14- or 28-VDC
Lighting:	Blue White Integral Wedge
Weight:	3.8 Lb. Max
Bezel:	Standard Round
Case:	Standard 3 1/8 in. Round

Additional features include:

- Inclinometer available
- Functional under helicopter DO-160- () curve vibration
- Strengthened internal suspension for helicopter application
- Gyro monitor flag
- Pull for quick erect
- Pilot adjustable parallax control

Castleberry Instruments and Avionics introduces a new, highly ruggedized series of gyro flight instruments mission-specific for helicopter operations. The design now meets the challenge, providing a rugged instrument that withstands punishing high vibration and torturing dynamic motion found in helicopter operations.

These specialized gyros for helicopter operations now include the 200-11ELH Series Directional Gyros and the 900-23EH Series Attitude Horizon. Both gyro series are available in 14- or 28-VDC. The horizon is available with, or without inclinometer and the directional gyro is available with or without a heading bug.

As an option, these instruments can be configured and approved to meet the Night Vision Goggle (NVG) crew station lighting requirements of RTCA/DO-275. This option brings approved flight instruments to the civil NVG market, providing a wider margin of safety while operating under night VFR rules. The NVG lighting can easily be seen by the unaided eye but almost invisible to the NVG. The only apparent difference is that the lighting will be blue or blue/green in color.

These new units are FAA approved and TSO'd for popular components, including those previously manufactured by AIM, Century Flight 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 a specialty. The company produces FAA approved and TSO'd replacement products for older, obsolete instruments no longer manufactured elsewhere

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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