



ELECTRIC DIRECTIONAL GYRO

3300 SERIES

MANUFACTURED BY MID-CONTINENT INSTRUMENTS



3300-11



3300-11*

***Innovative Safety Feature:** An enhanced warning circuit monitors both input voltage and rotor speed. If either is insufficient at night, the compass card disappears.

(shown above)

- New design is more efficient and reliable
- Weighs just 1.9 lbs. – One pound less than most electric directional gyros
- Multi-voltage 10–32 volt DC, remains valid until the aircraft main battery discharges to 10 VDC
- Direct replacement for many AIM205 and RC Allen RCA15 units
- Designed specifically for use in high vibration applications
- Warning flag monitors rotor speed and power input
- Anti-reflective glass enhances visibility and reduces fatigue
- Worldwide support program
- Approved to FAA TSO-C5e and RTCA DO-160E
- Requires less than half the power of standard DG units
- Exceptional RTCA DO-160E HIRF immunity
- Long-life LED lighting, user selectable to 5, 14 or 28 volt input with adjustable brightness
- Designed and built in Wichita, Kansas, USA
- One year limited warranty

Kansas
9400 E. 34th Street North
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Fax 316-630-0723
mci@mcico.com



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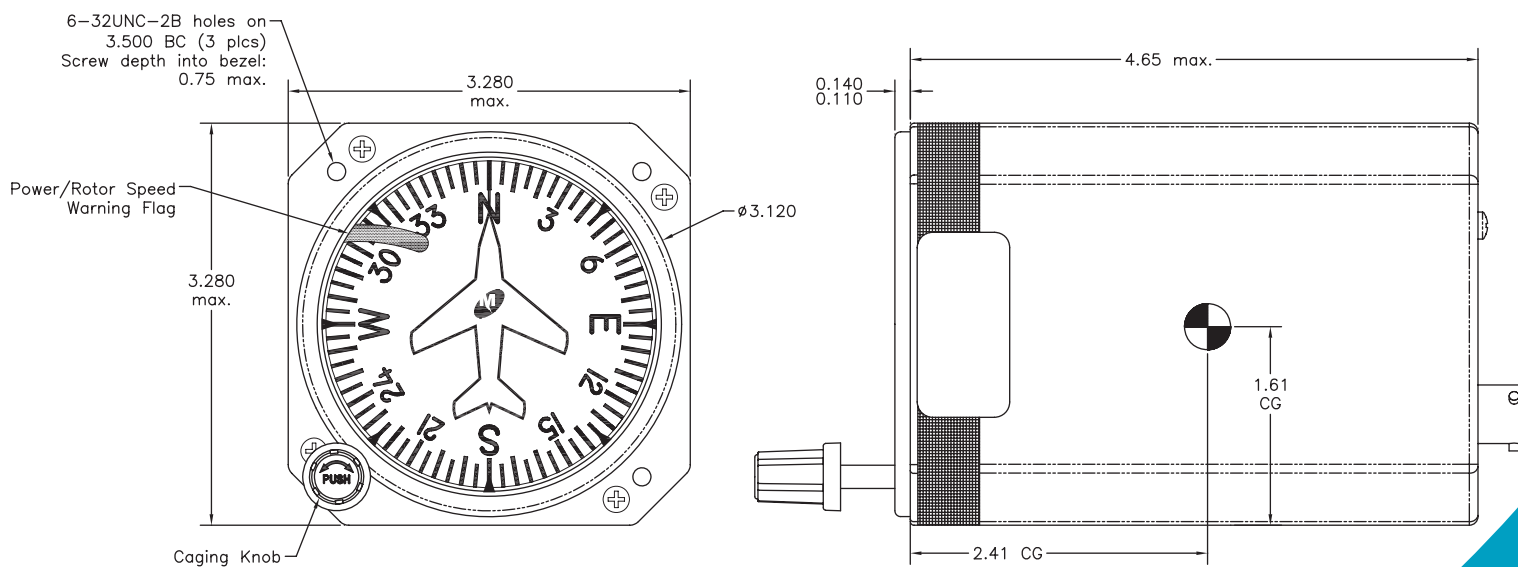
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SPECIFICATIONS

| | | |
|--------------------|---|--------------------------------------|
| Power Input: | 10–32 VDC | |
| Current Rating: | At 14 VDC | Start: 1.4A Max., Run: 0.44A nominal |
| | At 28 VDC | Start: 0.6A Max., Run: 0.22A nominal |
| Lighting: | Internal LED lighting user selectable to 5, 14 or 28 VDC input with adjustable brightness | |
| Weight: | 1.9 lbs. | |
| Length: | 4.65 inches | |
| MTBF: | 2,500 hours | |
| Temperature Range: | –40°C to +55°C (–40°F to 130°F) | |
| Altitude: | –15,000 to +50,000 feet | |
| Connector: | MS3116E8-4P | |
| Mating Connector: | MS3116F8-4S or equivalent (Mid-Continent P/N 9015514) | |
| Color: | Index Marks, Text, Symbolic Airplane, Logo: White | |
| | Bezel, Dial Background: Black | |
| | Power/Speed Warning Flag: Red | |
| Glass: | Special HEA anti-reflective coating | |
| Mounting: | Rear panel mount in standard 3 1/8" round panel cutout | |



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