



# 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

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 9400 E. 34th Street North  
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 Tel 800-821-1212 316-630-0101  
 Fax 316-630-0723  
 mci@mcico.com



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California  
 16320 Stagg Street  
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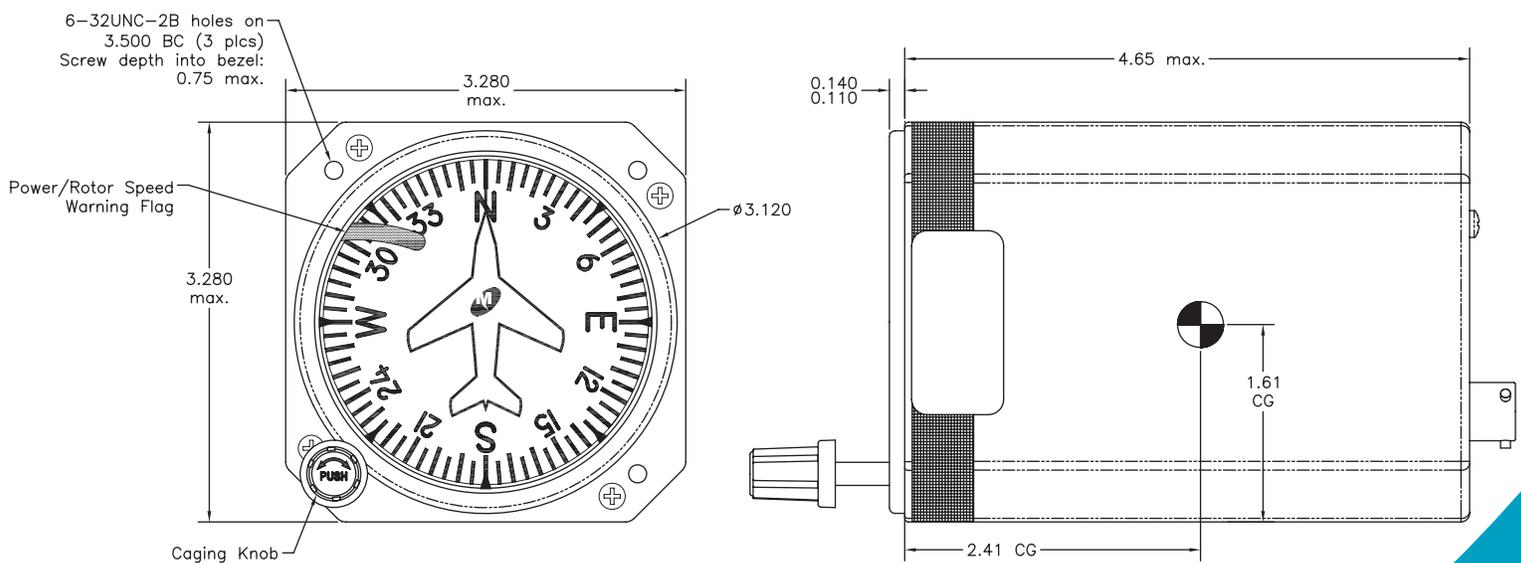
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### SPECIFICATIONS

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



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