

GYROS



MID-CONTINENT INSTRUMENTS AND AVIONICS ELECTRIC ATTITUDE INDICATOR

Engineered as a primary or standby artificial horizon in fixed-wing aircraft and helicopters, this indicator's single connection makes installation a snap. This indicator is standard equipment on many OEM aircraft including the Beech Baron and Bonanza. Featuring 10-32 volt DC operation, anti-reflective glass, long-life lighting and 7,500 hours MTBF, this is a cost-effective and safe alternative to unreliable vacuum systems.

4300-311 - 10/32V, lighted, 0-20° P/N 10-00751
Knob Cover P/N 10-06803

MID-CONTINENT INSTRUMENTS AND AVIONICS 3300 ELECTRIC DIRECTIONAL GYRO



Features: • 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 10VDC • Direct replacement for many AIM205 and RC Allen RC15A 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 • Approved to FAA TSO-C5e and RTCA DO-160E • Requires

less than half the power of standard DG units • Long-life LED lighting, user selectable to 5, 14 or 28 volt input • One year limited warranty
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 switchable to 5, 14 or 28 VDC input; wired through main connector, Weight: 1.9 lbs., Length: 4.65 inches, MTBF: 2,500 hours, Mating Connector: MS3116F8-4S, Mounting: Rear panel mount in standard 31/8" round panel cutout

3300-10 no lighting P/N 10-02821
3300-11 14V LED Lighting P/N 10-04773
3300-11 28V LED Lighting P/N 10-04774
4 Pin Connector MS3116E8-4S P/N 10-00791

MID-CONTINENT INSTRUMENTS AND AVIONICS "LIFESAVER" ELECTRIC ATTITUDE INDICATOR



Fly with confidence and peace of mind with the Lifesaver® gyro. Even if every other system in your aircraft's avionics panel goes dark, the Lifesaver powers on. The only attitude indicator with a self-contained battery backup, it delivers one full hour of emergency attitude reference. 1 hr of precious time to pull you through when trouble strikes and all other power fails. Optional slip indicator can be installed anytime. No removal

of gyro necessary. **Benefits:** Field replaceable lighting, Anti-reflective glass enhances visibility and reduces fatigue, Battery life 3 years in average aircraft environment, 10-32 VDC replacement for use in either 14 or 28V aircraft. May be installed in place of an existing turn coordinator or turn, and slip indicator per FAA advisory circular AC91-75. Lighted, 0–20° P/N 10-00750

Beechcraft (Inclinometer) P/N 10-06794
Slip Indicator Kit P/N 10-00764
Remote Battery Mounting Kit P/N 10-00763
Replacement Battery Pack P/N 10-01054
3/32" Front Mount Adapter P/N 10-00765
1/2" Front Mount Adapter P/N 10-00766

MPL 503 AIR PRESSURE SWITCHES



MPL 503 Series pressure switches sensitive inches/H 2 O or Knots. Accuracy and reliability offer the designer an excellent general purpose low pressure to electric interface for monitoring and control applications. The miniature size make the 503 Series ideal for OEM applications.

Description	Part No.	Price
MPL503E Air Pressure Switch Adjustable: 40-100" of H2O	11-02379	.
MPL503DO Air Pressure Switch Normally Open Setting	11-13476	.
MPL503DC Air Pressure Switch Normally Closed Setting	11-13477	.

FALCON ATTITUDE GYRO (VACUUM)



The Falcon Gauge Attitude Gyro provides a continuous visual display of the aircraft attitude with respect to the earth for maneuvering around the longitudinal (pitch), and lateral (roll) axes, and yaw. Vacuum type is standard air driven.

Non-TSO'd - for Experimental Aircraft Only
Non-TSO'd P/N 10-22955
Gyro with 8° tilt P/N 10-02242

FALCON DIRECTIONAL GYRO (VACUUM)



The vertical rotating azimuth card is controlled by a precision gyroscope air-driven. The directional gyro will give correct heading information through ±60° of aircraft attitude in roll and pitch, 360° in yaw. A caging knob is provided to reset the gyro to the magnetic compass. Similar to Air Italia Gyros.

Non-TSO'd - for Experimental Aircraft Only
P/N 10-22950

Falcon gyros can tolerate some aerobatic flight, but aerobatics can reduce the life of the gyro. It is recommended that the gyros be removed when the aircraft will be performing extensive aerobatic maneuvers. The Falcon electric gyros have caging knobs, but the vacuum gyros do not. Made in China.

MID-CONTINENT INSTRUMENTS & AVIONICS 2-INCH DIGITAL STANDBY 3-PACK



The new, digital standby family features the company's Attitude Indicator, Counter Drum Encoding Altimeter, and Airspeed Indicator. All three instruments are supported by an AML STC covering more than 180 aircraft models. The Digital Attitude Indicator, Counter Drum Encoding Altimeter, and Airspeed Indicator feature smooth, daylight-readable LCD graphics and a simple user interface. They are FAA TSO certified, RTCA DO-160G qualified, and RTCA DO-178C qualified to Design Assurance Level A.

Features

- MD23-215 Digital Counter Drum Encoding Altimeter:
- Vertical speed indicator (ON/OFF)
- 6-second vertical trend (ON/OFF)
- Altitude target (ON/OFF)
- Approach minimums alert (ON/OFF)
- Barometric setting (millibars, hectopascals or inches of mercury)

P/N 10-07785

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