



MD215

## MD215

### 2-inch Hybrid Counter Drum Altimeter

Manufactured by Mid-Continent Instruments and Avionics

THE MD215 IS THE FIRST AND ONLY 2-INCH ENCODING ALTIMETER.

The MD215 is an economical replacement for legacy 2-inch counter drum altimeters, commonly found on turboprop and advanced light-to-heavy business jet aircraft.

The MD215 combines the time-tested familiarity of a mechanical display with the reliability and value of electronic pressure sensing and servo-driven motors. It is a perfect form and fit replacement for traditional 2-inch counter drum products, which can be expensive to repair or replace.

The optional internal battery provides one hour of emergency operation in the event of power loss to the instrument.

- Compact, 2-inch size
- Form and fit replacement for existing mechanical altimeters
- Solid-state pressure sensor
- Servo-driven display mechanisms
- Encoding and ARINC outputs
- Field calibration capability
- Pilot selectable measurements (feet or In. Hg., meters or millibars)
- Self-contained, rechargeable emergency battery (optional)
- LED backlighting
- Lightweight – 0.9 lbs
- Rear or front mount capability
- Designed and built in Wichita, Kansas, USA
- Two-year limited warranty

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### SPECIFICATIONS

Power Input	10-32 VDC; 5W nominal, 15W max
Encoding Altimeter Output	ARINC 429; Gillham Code
Baro Synchronization Input	ARINC 429
Operating Range	-1,500 to +55,000 feet
Units of Measure	Altitude Feet or meters Barometric Setting Inches of mercury or millibars
Lighting	Internal white and multicolor LEDs 5, 14 or 28 VDC external input or internal photocell
Pilot Interface	Push and turn knob
Weight	0.9 lbs
Length	4.83 inches
Cover Glass	Special HEA (anti-reflective) coating
Battery (optional)	Rechargeable, field-replaceable internal battery Technology Nanophosphate <sup>®</sup> lithium-ion Run Time 60 minutes minimum when fully charged and properly maintained
Mounting	Front or rear panel mounted
Connector	High-density DB26 connector
Color	Index marks, text White Bezel, dial background Black Flag Red
Certification	FAA TSO C10B, C88b, C106, C179a RTCA DO-160G, DO-254 DAL A, DO-347

