



OBS

MD200-706



## MD200 Series

### 3-inch Course Deviation Indicator

Manufactured by Mid-Continent Instruments and Avionics

THE MD200 SERIES SETS THE STANDARD FOR NAVIGATION INDICATORS — MORE RELIABLE AND LONGER LASTING.

The MD200 Series 3-inch Course Deviation Indicators provide the highest quality for primary or secondary GPS/VOR navigation.

The newly-updated MD200-706 and -707 improve upon the previous MD200 Series designs, with long-life LED annunciators and fewer mechanical movements to extend life and simplify operation. With over 50,000 units produced and flying, the all-metal construction, stainless steel ball bearings, and precision assembly demonstrate proven reliability and performance in a wide variety of aircraft and environments.

As an electrical and mechanical form and fit replacement to previous versions, the MD200 Series is easy to install and designed for years of service.

- Fits standard 3 1/8" panel cutout
- All-metal construction with stainless steel ball bearings in critical areas
- Deviation bars/pointers hide from view when invalid
- LED annunciators for NAV, GPS, VLOC and To/From indication
- True OBS course resolver output
- Compatible with WAAS GPS receivers
- Pin-for-pin replacement for previous MD200 models
- Optional course datum synchro output (MD200-707)
- High-quality d-sub connectors included with gold-plated pins
- FAA TSO and ETSO certified for use with all GPS and VOR systems
- Designed and built in Wichita, Kansas, USA
- One-year limited warranty

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### SPECIFICATIONS

Voltage Input	12 – 32 VDC
Current Input	0.2 amps max
Lighting	5V, 14V, or 28V Automatic photocell dimming of annunciators
Cutout	Standard 3 1/8" round
Weight	1.3 lbs (-706), 1.4 lbs (-707)
Temperature	-55 °C to +70 °C (-67 °F to +158 °F)
Altitude	0 to 55,000 ft
Humidity	95% non-condensing
Vibration	DO-160B, Cat. M and N
Certification	FAA TSO certified to C34e, C36e, C40c EASA ETSO certified to C34e, C36e, 2C40c RTCA DO-160B/G qualified
Mounting	Panel, rear mount
Connector(s)	25-pin male D-Subminiature 9-pin male D-Subminiature
Mating Connector(s)	25-pin female D-Subminiature (included with -706, -707) 9-pin female D-Subminiature (included with -707)

PART NUMBER	CONFIGURATION
MD200-706	3-inch, L/R, Glideslope
MD200-707	3-inch, L/R, Glideslope, Course Datum Output

