



FLY SAM[®]

2-inch Standby Attitude Module
Two-screen, high-definition display



All-in-one Capability

- + Attitude + Airspeed + Vertical trend
- + Altitude + Slip + Heading (via remote input)

Flexible Configurations

- + Select horizontal or vertical orientation
- + Automatic and manual dimming controls
- + Lighting curves
- + Standard or metric airspeed and barometric pressure display
- + Aircraft-specific airspeed range markings
- + Static Source Error Correction (SSEC)
- + Night Vision Imaging System (NVIS) compatible (available)

User-friendly Interface

- + Intuitive menu structure
- + Single-knob display and menu control
- + Smooth, high-definition graphics
- + Two screens with extra-wide viewing angles
- + Standard USB, field-upgradeable software

Lasting Power

- + 10–32 VDC power input
- + Field-replaceable battery delivers over one hour of emergency power, 10-year life

Quality Assured

- + Two-year or 2,000-hour warranty
- + Designed and built in Wichita, Kansas, USA

Only 1.6 lbs (0.73 kg)





COMPACT. FLEXIBLE. ADVANCED.

SAM[®] is the first certified primary/secondary indicator to display attitude, altitude, airspeed, slip, vertical trend, and heading information in an advanced, 2-inch format.

Trusted by leading aircraft manufacturers, SAM delivers an easy-to-fit, compact design with selectable horizontal and vertical orientation, ensuring a perfect fit within any panel. The easy-to-interpret, two-screen display features high-definition graphics and extra-wide viewing angles. And a rechargeable internal battery keeps SAM fully operational in the event of electrical power failure.



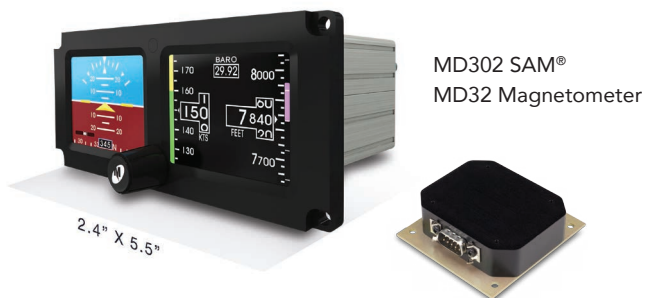
Now **SAM®** is even smarter.

Introducing the MD32 Magnetometer

The first certified 2-inch indicator to display attitude, altitude, airspeed, vertical trend, heading and slip information just got smarter.

Now, with the optional MD32 Magnetometer, SAM® delivers independent heading reference without the hassle of special installation hardware or orientation limitations. Its unique mounting flexibility, compact size and convenient cockpit calibration ensures an easy, low-cost installation...every time.

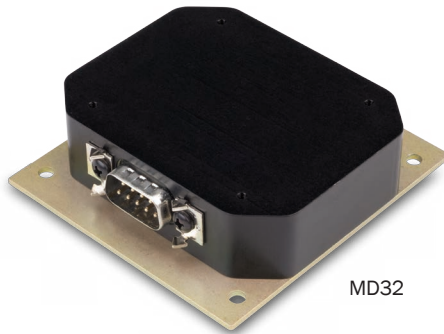
No brackets. No shims. No hassle. No problem.



FAA TSO CERTIFIED



2-inch attitude, altitude, airspeed, vertical trend, heading and slip.



MD32

MD32 Magnetometer

Manufactured by Mid-Continent Instruments and Avionics

DELIVERS INDEPENDENT HEADING REFERENCE TO
THE MD302 STANDBY ATTITUDE MODULE — **SAM®**

Introducing the MD32 Magnetometer designed specifically for the MD302 Standby Attitude Module — SAM®. The MD32 is FAA TSO-certified and delivers independent heading reference without orientation limitations or the need for special installation hardware. Its compact size, unique mounting flexibility, and convenient cockpit calibration ensure easy, economical installation.

Power Input	7-32 VDC; 0.56 W max
Output	ARINC 429 custom format
Dimensions	2.75 inches x 3.0 inches x 0.81 inches
Weight	0.19 lbs (3 oz)
Temperature	-55°C to +70°C (-67°F to +158°F)
Altitude	55,000 feet
Manufactured	Designed and built in Wichita, Kansas, USA
Certification	FAA TSO certified to C6e RTCA DO-160G RTCA DO-178C Level A

