

Service Bulletin

MODEL(S)	MD32
PART NUMBER(S)	6420032-()
DESCRIPTION	Remote Magnetometer
TOPIC	Software Version 1.1.0
PURPOSE	Product Notification
RELEASE DATE	July 27, 2026

APPLICABILITY

This Service Bulletin is applicable to the model MD32 Remote Magnetometer, part number series 6420032-() manufactured by Mid-Continent Instrument Co., Inc. (dba Mid-Continent Instruments and Avionics).

PURPOSE

This service bulletin notifies operators and maintainers that MD32 product software has been updated to Software Version 1.1.0.

EFFECTIVITY: INFORMATIONAL

MD32 units already in the field are unaffected and cannot be updated to Software Version 1.1.0. No action is required to maintain continued airworthiness.

Following the release date of the updated software, all MD32 units manufactured by Mid-Continent Instruments and Avionics shall be supplied with Software Version 1.1.0 or later installed.

DESCRIPTION

The following list describes the enhancements, added features, and resolutions incorporated in the Software Version 1.1.0 update.

ENHANCEMENT

1. Added software support for manufacturability and product sustainment.

ESTIMATED MANPOWER

None

WEIGHT AND BALANCE

No change

ELECTRICAL LOAD DATA

No change

CERTIFICATION

This Service Bulletin represents a minor change to the previously approved Technical Standard Order Authorization for the MD32 Remote Magnetometer. Any changes to software have been completed in accordance with approved developmental and quality processes per the guidelines of RTCA / DO-178C, Software Considerations in Airborne Systems and Equipment Certification.

OTHER PUBLICATIONS AFFECTED

None

ACCOMPLISHMENT INSTRUCTIONS

None