

Service Bulletin

MODEL(S)	MD302
PART NUMBER(S)	6420302-()
DESCRIPTION	SAM [®] Standby Attitude Module
TOPIC	Modification 1
PURPOSE	Product and Performance Enhancements
RELEASE DATE	March 21, 2014

APPLICABILITY

This Service Bulletin is applicable to the model MD302 SAM[®] Standby Attitude Module, part number 6420302-() manufactured by Mid-Continent Instrument Co., Inc. (dba Mid-Continent Instruments and Avionics).

PURPOSE

The MD302 SAM Modification 1, "MOD 1", includes updates that improve RF susceptibility, ESD protection, and ARINC RX/TX margin.

EFFECTIVITY

All MD302 SAM units manufactured and marked with MOD 1 shall comply with this Service Bulletin.

DESCRIPTION

The following list describes the added features, enhancements and resolutions incorporated in the MOD 1 update.

ADDED FEATURES

None

ENHANCEMENTS

- Added gasket for increased EMI protection against RF susceptibility
- Enhanced ESD protection
- Increased design margin of ARINC RX/TX function

RESOLUTIONS

None

ESTIMATED MANPOWER

None required

APPROVALS

None required

WEIGHT AND BALANCE

No change

ELECTRICAL LOAD DATA

No change

CERTIFICATION

This Service Bulletin represents a minor change to the previously approved Technical Standard Orders Authorization.

OTHER PUBLICATIONS AFFECTED

Mid-Continent Instruments and Avionics Installation Manual and Operating Instructions, part number 9017782, Revision F or later, includes information associated with this Service Bulletin.

ACCOMPLISHMENT INSTRUCTIONS

None required