

# Service Bulletin

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

## APPLICABILITY

This Service Bulletin is applicable to the model MD302 SAM<sup>®</sup> 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