**Model**

MD302 Standby Attitude Module (SAM+)

**Features**

Panel-Mounted Solid-State Standby Attitude Module Providing Attitude, Airspeed, Slip, and Optional Heading with LCD Display and Data Output

**Configuration Options**

Installation Options for Panel Fit, Range Markings, Attitude Appearance, Display Orientation, Attitude/Airspeed Units, Lighting Characterization and Data Output Format

**Certifications**

FAA TSO-C26 (Types B, C6, C10, C11, C13, C19, 60-106, 60-113b, 60-114, C19) [See IM for Limitations]

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U.S. Patent No. 9,737,611

**Specifications**

- **Diagonal Active Area**: 2.4"
- **Static Port**: 0.33" Ø0.150 Thru Configurations 1, 2, 4, 5, 7, 8
- **Pitot Port USB Access**: 2.30"
- **Battery Access**: 3.16"
- **Configuration Options**: See Index for Details
- **Updates**: Available via Download and Installed Using Standard USB Flash Drive
- **Power Input**: 10-32VDC, 5 Watts Nominal, 40 Watts Maximum
- **Backup Power**: Integrated Rechargeable and Field-Rechargeable Battery Provides 1 Hour Minimum of Backup Power (see config), Type 1: Lithium-ion, Type 2: NiMH
- **Case/Bezel**: Aluminum Extrusion Case With Black Anodized or Gray Painted Bezel
- **Mounting Connector**: Installation Kit MCIA#p/n 9017464, Includes: 15-pin D-Sub Configuration Module, Pilot / Static Quick Disconnect Fittings, and Hardware
- **Installation Manual**: 9017782; 9018233, Configuration -3 Only
- **Weight**: 1.6 lbs (0.71 kg)

**Connector Pinouts**

1. 10-32VDC Input
2. Valid Signal Out
3. ARINC Out B
4. ARINC In #2 [B]
5. Config Power
6. Ground
7. Lighting Bus Input
8. ARINC Out A
9. ARINC In #2 [A]
10. Config Clock
11. MD302 Power Out
12. ARINC In #1 [A]
13. ARINC In #1 [B]
14. Config Data
15. Config Return

**Approval Details**

- **DRAWN**: 09/21/2012
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- **Sheet**: 1 of 1
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- **Title**: Standby Attitude Module, MD302 6420302
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