



**Honeywell Air Data Computers  
redefine affordable, high performance  
RVSM air data capability**

# Advanced Micro Air Data Computer

The RVSM compliant Advanced Micro Air Data Computer (AMADC) calculates and provides air data parameters which include SSEC, altitude, airspeed, and air temperature information for Business Jet and Regional Aircraft. The outputs are communicated to other aircraft systems via various methods including analog DC and digital buses. The AMADC Model AZ-940, is offered as

a functional retrofit upgrade to replace the AZ-840 in aircraft intended for use in Reduced Vertical Separation Minimum (RVSM) airspace. This product uses the existing AZ-840/AZ-850 Micro Air Data Computer (MADC) and software as a baseline. The AMADC also addresses component obsolescence issues from the AZ-840 model and expands the maintenance capabilities of the system.

- Proven solid-state silicon sensor technology provides long-term stability
- Low cost modular design optimized for both new build and retrofit applications
- Extensive Field History with long service life
- Altitude: -2,000 to +60,000 ft
- 0.02% FS accuracy
- 98% BIT coverage

AZ940 / 950	
<b>Sensor Details:</b>	
Sensor range Ps and Pt	2 in Hg to 41 in Hg
No. of Sensors/Channels	2
<b>Power</b>	28 VDC, less than 15.5 W
<b>Chassis Included</b>	Yes
<b>Weight (w/o fittings)</b>	4.5 lbs. max
<b>Dimensions:</b>	
L x W x H inches	5.9 x 6.2 x 4.2
L x W x H mm	149 x 158 x 107
<b>Software: RTCA/DO-178B</b>	Level A
<b>Environment: DO-160</b>	D
<b>Digital Communication:</b>	
Input:	Baro Correction, ARINC 429, ASCB
Output: ARINC 429	All necessary air data parameters, Maintenance Data
Analog and Discrete Outputs ADT Valid	Yes*
<b>Certification:</b>	
TSO-C106	Yes

\* Based on the Failure Warning



## Customer Support

Honeywell is dedicated to supporting our customers' needs with international representative support in over 180 countries. For existing customers and for new inquiries, customer service is available by visiting our web page, listed below, for current contact information.

## Aftermarket Services

Services include calibration, repairs and rental exchanges serviced by our factory technicians.



## ENHANCES SAFETY

Built-in-testing and high accuracy sensors maximize altitude and airspeed measurement safety.



## INCREASES AVAILABILITY

High MTBF means less unplanned downtime and increased fleet readiness to support on-time operations.



## REDUCES COSTS

Our Air Data products substantially cut direct maintenance costs over the life cycle of the aircraft through reduced spares inventory, infrequent periodic calibration and minimal required maintenance equipment.

## Honeywell Aerospace

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