



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

# Advanced Air Data Computer

The RVSM compliant Advanced Air Data Computer (AADC) 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 AADC Model AZ-252 and model AZ-960, are offered as a functional retrofit upgrade to replace the AZ-242, AZ-244 and AZ-

350 Analog Air Data Computers (ADC) 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 AADC 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

	AZ251	AZ960
<b>Sensor Details:</b> Sensor range: Ps and Pt No. of Sensors/Channels	2 in Hg to 41 in Hg 2	2 in Hg to 41 in Hg 2
<b>Power</b>	115 vac, 400 Hz, less than 35 W	115 vac, 400 Hz, less than 35 W
<b>Chassis Included</b>	Yes	Yes
<b>Weight (w/o fittings)</b>	7.9 lbs max 3.61 kg max	8.5 lbs max 3.86 kg max
<b>Dimensions:</b> L x W x H inches L x W x H mm	15.6 x 3.7 x 6.0 394 x 93 x 151	15.6 x 3.7 x 6.0 394 x 93 x 151
<b>Software: RTCA/DO-178B</b>	Level A	Level A
<b>Environment:</b> DO-160	D	D
<b>Digital Communication:</b> Input:  Output: ARINC 429	Digital Baro Correction  All Necessary Air Data Parameters, Maintenance Data	Digital Baro Correction  All Necessary Air Data Parameters, Maintenance Data
Analog and Discrete I/O	Yes*	Yes*
<b>Certification:</b> TSO-C106	Yes	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 enquiries, customer service is available by visiting our web page, listed below, for current contact information.

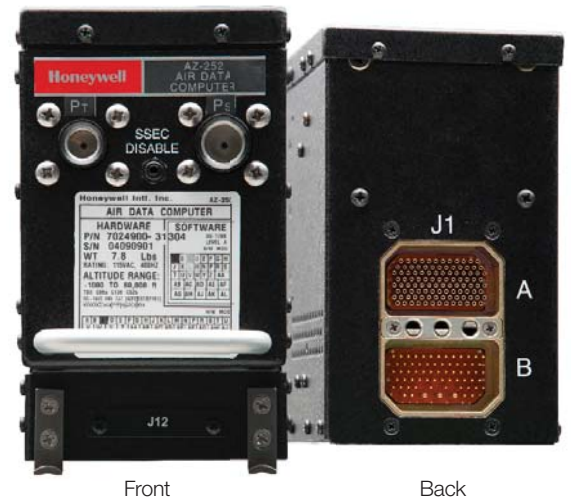
## Honeywell Aerospace

1944 E. Sky Harbor Circle  
Phoenix, AZ 85034

[aerospace.honeywell.com/airdatasolutions](http://aerospace.honeywell.com/airdatasolutions)  
[www.honeywell.com](http://www.honeywell.com)

## 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