



F-5 CENTRAL AIR DATA COMPUTER CAPABILITIES



The F-5 Central Air Data Computer (CADC) is an analog computer which receives inputs of total pressure, static pressure, total temperature, and angle of attack; computes related air data; and then transmits the data to associated aircraft systems. The computed air data functions are Mach number, natural logarithm of static pressure, pressure altitude, differential Pressure, true airspeed, and angle of attack.

Pitot, Static, and Air Data capabilities are supported by the Aerospace Maintenance Solutions, LLC (AMS) Instrument Shop. AMS technicians are trained, skilled, and knowledgeable of the use of air data support equipment. The AMS Instrument Shop include Druck, Barfield, Setra and Ruska TestVronics equipment calibrated to air data standards.

The F-5 CADC does have Diminishing Material Sources (DMS) issues with a few obsolete subassembly components. We provide solutions for DMS by supporting inventory levels and by using customer supplied parts to reduce costs. AMS has proposed alternate subassembly parts for end user approval.

Part Numbers:
2100756-3-1
(NSN: 6610-01-047-6627)
and 948312-6-1
(NSN: 6610-00-110-9455)

AMS OVERVIEW

COMPANY DATA

- Established 2005
- CAGE CODE: 449T3
- AS9110 certified to the scope of Design, Maintenance, Repair and Overhaul of Instrumentation, Electrical/Electronic System components, and Mechanical Accessories for Defense and Commercial Aircraft
- ITAR Compliant
- FAA AC 00-56A certified
- IPC -771/7721 and JSTD 001 standards
- FAA Air Agency Certificate: OKQR412Y with Instrument Class I, II, III, IV, Radio Class I and II, and Limited Radio ratings

CORE REPAIR CAPABILITIES

Electrical and Electronics, Flight Control Systems, Mechanical, including Hydraulics and Pneumatics, Gyroscopes and Accelerometers, Instruments, Power Generation, Power Control, Power Supplies, Radar and Radio, Countermeasures and Weapon Systems.

PAST PERFORMANCE

U.S. Air Force and other branches of the U.S. military, U.S. Department of Homeland Security, Aircraft OEM (e.g. Lockheed-Martin), foreign military allies (e.g. NATO forces), and Public Safety Aviation/Natural Disaster Response Operations.

CUSTOMER SATISFACTION

Lead times, cost, and other key performance indicators are monitored within AMS performance based logistics (PBL) systems and yearly customer survey reports.

CONTACT

AMS is located at 29401 Ambina Dr., Solon, OH 44139. Call 440-729-7703, fax 440-729-7704, or use the contact form at <http://aerospacellc.com/contact>.

