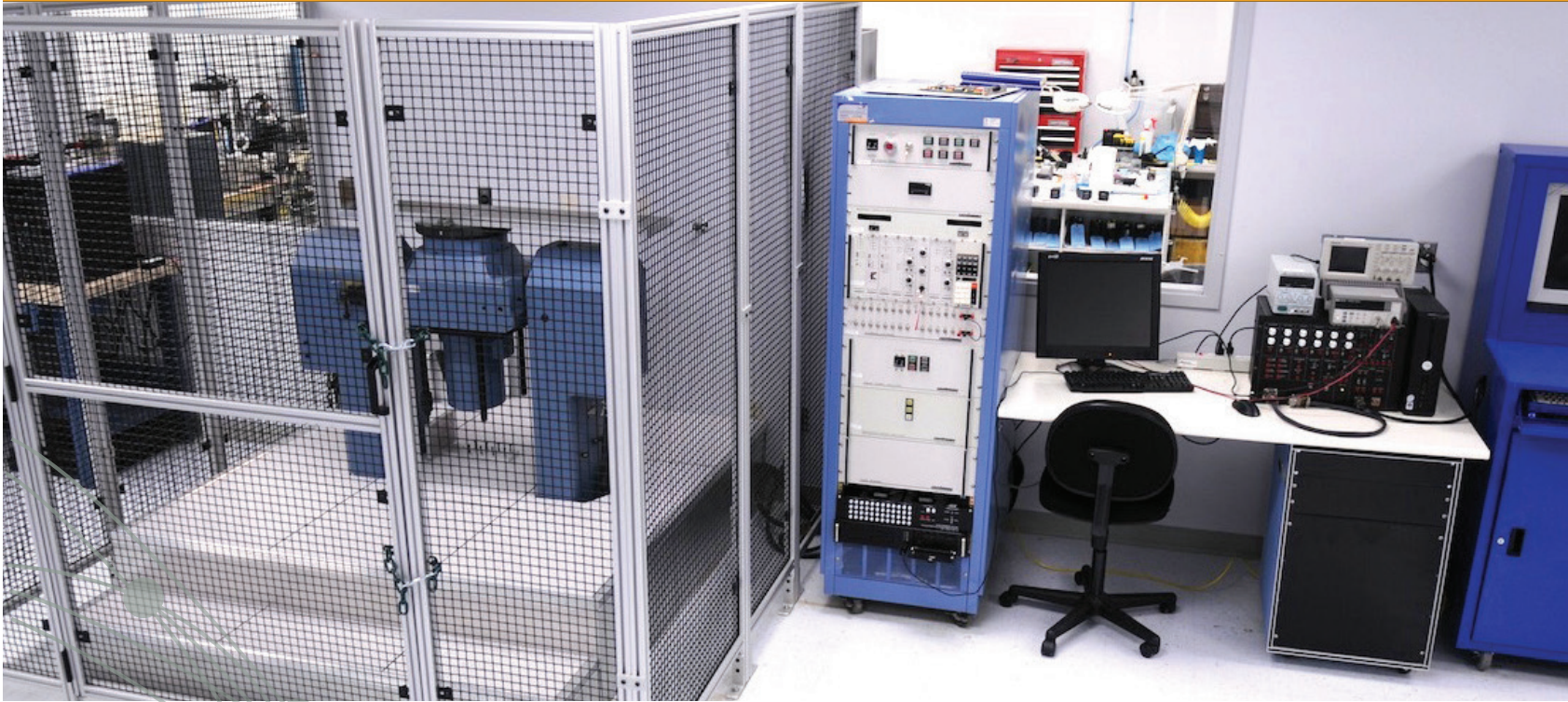




GYRO AND ACCELEROMETER CAPABILITIES



Trained technicians at Aerospace Maintenance Solutions, LLC (AMS) operate a calibrated two-axis rate table for rate of turn and acceleration testing of flight control system components. AMS technicians test, troubleshoot, diagnose, and repair a wide variety of gyroscopic and accelerometer components across common aircraft platforms.

Flight control system components are operated and tested under rate table conditions to simulate aircraft acceleration forces along the lateral and normal axis and rate of turn in two-axis positions. Technicians validate accelerometer or gyroscopic operational specifications being tested are operating within acceptable tolerance ranges.

Rate Table capabilities include horizontal and vertical rates from 0 to 860 degrees per second, and acceleration forces along the lateral and normal axis at +/- 10 units of gravity. AMS has proven capabilities for testing and repairing gyros and accelerometers for the following aircraft:

- Fighters: F-5, F-15, and F-16.
- Helicopters: Bell 412, UH-1, UH-60,
- Transports: C-130.

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

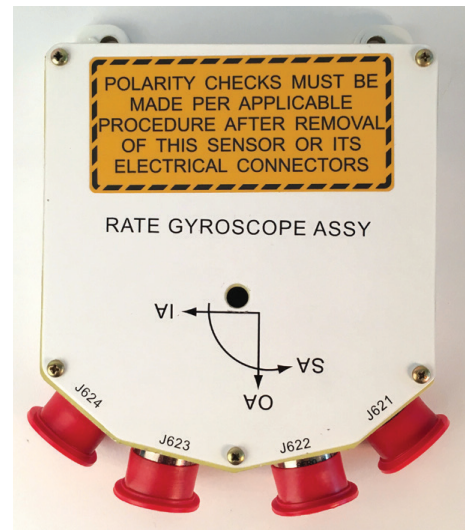
U.S. Air Force, U.S. Navy, U.S. Department of Homeland Security, NATO Forces, and Natural Disaster Response Operations

CUSTOMER SATISFACTION

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

CONTACT

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Proven solutions for the efficient repair and overhaul of military aircraft components.