



The AIM-9 “Sidewinder” is an air-to-air missile used by the US Air Force on F-16 fighters. Since its entry into service in 1956, the Sidewinder has been adopted by 27 international militaries. Latest variants are standard equipment in US and western-aligned air forces. Aerospace Maintenance Solutions, LLC (AMS) repairs and overhauls several important components of the AIM-9 weapon systems.

Current Sidewinder capabilities supported by AMS include electrical and electronic repairs to power supplies, data bus interfaces, and the Sidewinder’s launch rail. AMS technicians are trained, skilled, and knowledgeable of the use of data bus analyzers and other support equipment needed to troubleshoot, diagnose, and repair AIM-9 component units. We also work on countermeasures, fire control systems, stores management panels and other weapon system components.

AIM-9 products received by AMS comply with ITAR and government regulations concerning weapon systems.



07-342-4000, 07-342-60XX, K50741000-XX	AIM-9 LAUNCHER POWER SUPPLY TYPE 1
16E1606-827, -829, -831	JETTISON/RELEASE REMOTE INTERFACE
16E1607-859, -867, -875	REMOTE MISSILE INTERFACE UNIT
16E1608-869, -875	CONVENTIONAL REMOTE INTERFACE UNIT
16S210-5XX, -8XX, 16S002-XXX	GUIDED MISSILE LAUNCHER
1165230-102, 3630860, 354357-1, 654973-1, 654973-2, 3000, 9018690, 9018869, 9018869-1, 07320535-02, 073-20535-05, 802022-1, -2, -3, -4	AIM-9 POWER SUPPLY FOR AMRAAM LAUNCH RAIL
16E10150-3, 801	ADVANCED MISSILE REMOTE INTERFACE
16E10100-831, -839	ADVANCED CONVENTIONAL REMOTE INTERFACE
8523875-10, 117400-X, 8523875-30, 50	AIM-9 LAUNCHER POWER SUPPLY TYPE II

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>.