

AVIONICS TEST

TEXTRON Systems



Better, Faster, More Affordable Testing

AAI Test & Training's Automated Test Equipment (ATE) group has more than 30 years of experience testing military and commercial avionics assemblies. Our proven range of avionics test capabilities, expertise and resources empower customers to improve their time to market and reduce the cost of test. The team has delivered more than 4,000 custom test systems to companies worldwide, including Lockheed Martin, Boeing, BAE Systems, Raytheon and Honeywell.



AVIONICS TEST

AAI Test & Training's ATE center of excellence is located in Austin, Texas. We offer a spectrum of avionics test solutions and services with proven reliability to keep our customers working efficiently and affordably.

Test System Development

AAI has designed test stations for a wide range of avionics assemblies including:

- Optical sensors
- Communications management units
- Altimeters and pressure sensors
- Radar and electronic warfare subsystems
- Communications equipment
- Weapons delivery actuators
- Mechanical actuators
- Commercial and military line replaceable units
- Standard buses including ARINC 429 and military standard (MIL-STD) 1553

Test System Upgrades

- Design a new station with the latest equipment and software matching the form, fit and function of an existing system
- Refurbish existing systems with new parts and instrumentation
- Create documentation including specifications, complete electrical and mechanical drawings, wire lists, parts lists and software documentation for easy maintenance and support



System Replication

- Replicate existing test stations quickly, efficiently and affordably to meet production needs
- Create documentation, including MIL-STD
- Reverse engineer and document an existing station

Fixtures and Test Program Sets

- Test capability from component test through printed wiring boards, as well as final assembly
- Replicate existing fixtures
- Fabricate fixtures in styles and form factors to meet your specifications

For additional information, please contact:

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