

Astronics Test Systems

Providing a complete life cycle solution

HIGHLIGHTS

- Providing a complete life cycle solution to solve challenging customer test problems from design through long-term logistics support
- Over 50 years experience in test and measurement, providing unique insight and expertise as well as the assurance that we can support any long-term program or project
- Engineering, production, and logistics facilities on both coasts (Irvine, CA, and Orlando, FL) with the capacity, processes, documentation, and state-of-the-art production equipment to produce exact copies of 2 to 1000 systems
- Made in the USA

SYSTEMS INTEGRATION

Build-To-Print	Expertly built to customer documentation
Custom Turn-key Systems	Expertly designed and built to meet your exact requirements for today and tomorrow
Logistics	Performance-Based Logistics (PBL), training, parts support, obsolescence management, depot repair, supply chain management, technical publications, logistics engineering, worldwide service and support
Legacy Replacement	Replacing obsolete equipment with today's modern equipment while preserving TPS, ITA, and cabling investments; specializing in legacy digital test system replacement and TPS rehosting of many platforms
Production Services	Assembly, wiring, cabling, self-test, ITA, calibration
Consulting	System design, improvement, system specifications, system retrofit and modification
Software	System software, application-specific software, software migration, Test Program Sets (includes UUT, self-test, calibration, TPS modification and re-host, test executive design)
Digital Subsystem	High-power, high-speed digital testing with full-function system monitor and exceptional cooling
Portable Maintenance Aid	State-of-the-art synthetic instruments technology combines multiple test functions into one compact, portable, flexible, self-contained test system so you can take the tester to the UUT rather than bring the UUT to the tester



- SAMPLE CUSTOMER TEST SYSTEM APPLICATIONS**
- Avionics Test
 - Boresight Alignment Test
 - Carrier- and Land-based Jet, Shaft, and Turboprop Engine Test
 - Factory Common Core Test Platforms
 - Functional Test
 - High-volume Semiconductor Burn-in
 - In-Flight Entertainment Test
 - Military and Commercial Radio Test
 - Mobile Radio Communication Test Shelters
 - Satellite Power Subsystem Test

TRAINING AND SIMULATION

Full-scale high-fidelity simulation and maintenance training systems

Advanced Road Training

Armament System Training

CH-47D Electrical Maintenance Training

Data Automated Tower Simulator

F-22 Seat/Canopy and Cockpit/Forward Fuselage Training

Fire Support Automated Test System

Hydraulic System Training

Multipurpose Arcade Combat Training Simulator

Oil System Maintenance Training



INSTRUMENTS

Platforms LXI, PXI, VXI, Ethernet, GPIB

Brands Racal Instruments

Talon Instruments

Trig-Tek

TYX

Tabor Electronics (US distribution)

KineticSystems (US distribution)



Commercial Off-The-Shelf (COTS) Instruments

Chassis/Carriers

Switching Systems

RF Interface Units

Timer/Counters

Arbitrary Waveform Generators

Source

Measurement

High-speed Digital

Data Acquisition, Filters, Amplifiers, Vibration Analyzers

Wire Integrity Testers

Radio Testers

Software

Synthetic Instrumentation

Modified COTS Instruments

If a COTS solution is not an exact fit, we can modify it to make sure you get exactly what you need

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