WTI is an award winning high tech engineering firm focused on developing world class data acquisition & test equipment for complete systems, sub-systems and components utilized in development, production, & research applications. Specialists in Mil/Aero, we provide: special function machines, systems integration, automated test systems, machinery & controls modernization, and software development (specialists in LabVIEW, RT, FPGA, Embedded, and TestStand). Our equipment is designed utilizing the best available components and tools from industry leading manufacturers thus ensuring maximum system reliability, serviceability and support. Additionally, we have the processes in place to enable us to provide the supporting documentation and reporting necessary for government and military applications.

With an exceptional focus on technical expertise, quality, service, and support our company is dedicated to providing solutions based on the latest technologies, deployed in non-proprietary systems at cost effective prices.

At WTI, we enjoy a reputation for being able to apply the latest technology to solve the most challenging applications. Put us to the TEST on your next application.

**CAPABILITIES**

Our engineering staff brings many years of experience in the design and build of complex test equipment to all areas of development. WTI has numerous applications deployed to test, inspect, or assemble & test many different aerospace and defense systems to include:

- Actuator & Valve Test Systems
- Control System Modernization
- Flight Control Test Systems
- Airframe Test & Data Acquisition
- Pump/Motor Test Systems
- Avionics Test Systems
- Fuel Component Test Systems
- Iron Birds
- Turbine Engine Test Systems
- Sensor Test Systems
- In-Flight Data Acquisition Systems
- Servo-hydraulic Test Systems
- Dynamometers
- Landing Gear Test Systems
- Wind Tunnel Data Acquisition & Control
- Structural Fatigue & Durability Test Systems
- APU Test Systems
- Test Cell Integration & Modernization
- Load Frames
- Hardware-in-the-loop
- Electrical Power/Generator Test Systems

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