



Aircraft component OEMs, MRO facilities and operators depend on Testek Solutions for highly reliable aerospace test equipment to certify hydraulics, power generation, avionics, fuel, lube, actuator, and pneumatic components. With a 50-year track record of success, Testek uniquely holds long-term OEM partnerships, provides the industry's leading equipment warranty, and support from a dedicated worldwide team.

We are actively seeking an **Electrical Engineer/ATE** and the sky is the limit with Testek Solutions! The selected candidate will be responsible for supporting all electrical design functions related to Aerospace Test equipment by designing electrical equipment to test aircraft controls and avionics.

Job Responsibilities:

- Design schematic drawings, troubleshooting, debugging electrical circuits, component selection, and PCB design (top level)
- Support all electrical design functions related to Automatic Test Equipment (ATE) for low/high power applications
- Create Bill of Materials (BoM) technical manuals corresponding to electrical schematics and updating those previously designed to match new requirements
- Design a top level application software (Basic based) to run test algorithms on the actual test stand for a Unit Under Test (UUT)
- Follow all company design processes and support the development of test platforms
- Interpret customer specifications and other source documentation to design a device/system that meet all necessary requirements for testing
- Work directly with the Engineering Manager and the ATE group design team members
- Design electrical schematic drawings according to a customer specifications including new design
- Assist electrical technicians/shop workers in the assembly of electrical equipment

Requirements:

- BSEE highly preferred
- A minimum of 2 years of experience with the following:
 - Specifying and sizing electrical parts based on calculations, customer specifications, and engineering basis
 - AC and DC test solutions and controls
 - CAD software and PCB design tools experience preferred
 - Selection and utilizing instruments for measuring, controlling and recording data on test machines
 - Power-up, debug, and calibration of electrical/electronic equipment
 - Basic knowledge of US and International electrical codes (NEC and IEC)
- **Must be a US Citizen or Green Card Holder**

Testek Solutions requires all new hires submit and pass a pre-employment drug screen, credit check (when applicable), and background check prior to beginning employment.

Testek Solutions is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, disability, age, sexual orientation, gender identity, national origin, veteran status, height, weight, genetic information, or any other classification protected by federal, state, or local law. Testek Solutions is committed to providing access, equal opportunity and reasonable accommodation for individuals with disabilities in employment, its services, programs, and activities. To request reasonable accommodation, contact the Testek HR Department at 248-573-4980 or email hrdept@testek.com