



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 results oriented **an Electrical Engineer/Aircraft Group** to work with a worldwide dedicated team to support all electrical design functions related to aerospace test equipment including creating electrical schematics, analyzing prints, troubleshooting and debugging electrical machine controls, and component selection.

Requirements:

- BSEE degree
- Must have a minimum of 7 years' of post college experience in Electrical Engineering
- Create electrical schematics from customer specifications using AutoCAD including new schematics, updating schematics and updating schematics per assembly red-lines
- Create accurate BOMs corresponding to electrical schematics
- 5-plus years of experience with AutoCAD
- Experience with different types of Servo Drives and Variable Frequency Drives
- Experience with specifying and sizing electrical parts based on calculations, customer specifications, and engineering principals
- Hardware design such as panel layout or industrial controls required using AutoCAD
- Assist electrical technicians in the construction of electrical equipment.
- Experience with AC and DC power and control
- Experience in designing and debugging Data Acquisition systems
- Experienced in the selection and implementation of PC's and PLC's for controlling and recording data for industrial test machines
- Experience in Power-up, Debug, and Calibration of Aerospace or Automotive Test Systems
- Minimum of 4 years of PLC and HMI programming experience using Siemens, Rockwell, or Automation Direct platforms
- Knowledge of US and International electrical codes (NEC and IEC)
- Experience using MS Word & Excel is required
- Excellent communication skills both written and verbal
- US Green-Card / US Citizenship required
- No travel required

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