



POSITION TITLE: Electrical Engineer

LOCATION: Brooksville, Florida, USA

SUMMARY OF POSITION:

1. Will work closely with the design engineers, but also independently to solve customer specific requirements and to make general modifications as necessary.
2. Will complete 2D and possibly 3D drafting, solid modeling (ORCAD, Solid Works and/or CATIA), conceptual, detail & final design of A/C electrical systems as required.
3. Will engage in PCB design, electrical loads analysis, failure modes effects & criticality analysis, and electrical systems design and integration into existing aircraft system as required.
4. Aircraft EMI/EMC/RFI testing procedures and knowledge of associated MIL Standards and reporting methodologies are required. Detailed system design documentation skills including wire routing, shielding, harness diagrams, block diagrams and schematics are required.
5. Technical report writing, component/part sourcing vendor validation and associated specification generation and airworthiness compliance as required.

QUALIFICATIONS:

- Aeronautical Engineering Degree and/or Electrical Engineering Degree with 5 years experience and supporting references.
- Must meet eligibility requirements to obtain a U.S. DoD classified (SECRET) security clearance.
- Appropriate knowledge of regulatory issues related to aircraft design and analysis is required (FAA and/or military).
- You must be able to present evidence of solid modeling skills (Solidworks, Catia, etc.)
- You must know PCB design, electrical loads analysis, failure modes effects and criticality analysis, and electrical systems design and integration into existing aircraft systems.
- Must also know aircraft EMI/EMC/RFI testing procedures and knowledge of associated MIL Standards and reporting methodologies.
- Experience with composites and fracture mechanics is a plus.
- Experience with Radar, EO/IR, Datalinks, C4ISR is a significant plus.
- Experience with the Lockheed Martin C-130/L-100, Leonardo C-27J, or similar is a plus.

CERTIFICATES / RATINGS REQUIRED: Bachelor degree in aerospace mechanical and/or structures, or related degree

ELIGIBILITY OF APPLICANTS (Check all that apply)		<input checked="" type="checkbox"/> CITIZEN	<input checked="" type="checkbox"/> PERMANENT RESIDENT		AUTHORIZED WORK STATUS (OPT/H1B)
TRAVEL?	<input checked="" type="checkbox"/> YES	NO	RELOCATION?	<input checked="" type="checkbox"/> YES	NO
INTERVIEW TYPE	ON-CAMPUS		<input checked="" type="checkbox"/> TELEPHONE		<input checked="" type="checkbox"/> COMPANY SITE

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability or veteran status.