



LEAD ELECTRICAL/ELECTRONIC & ELECTRICAL STAFF ENGINEERS

Join a growing aerospace company that is pioneering a new generation of efficient supersonic aircraft that will revolutionize global mobility, giving travelers back the most precious commodity of all—time. The company is hiring multiple **Lead Electrical/Electronic and Electrical Staff Engineers** to manage all activities related to the design, development, integration, testing and certification of the Electrical Power Generation System (EPGS), Electrical Power Distribution System (EPDS), Electrical Wire Interconnection Systems (EWIS) and the Science of Electrical Engineering (G&B, EMC, EMI, HIRF, LSP, etc.) for the supersonic business jet. The company likens their culture and environment to that of a Skunkworks, and the work is detail oriented, and extremely fast paced. This position will be based in Nevada.

PRINCIPLE DUTIES AND RESPONSIBILITIES:

The team of **Electrical Subsystem Engineers** will:

1. Develop electrical systems design, architecture and product plan, including qualification and certification plans.
2. Provide subject matter expert level technical leadership, mentoring and guidance on both practical and theoretical aspects of electrical systems.
3. Define requirements for the electrical systems to ensure compliance with regulations and customer requirements.
4. Provide validation and verification of electrical systems requirements.
5. Perform electrical systems tests and certification, and provide system and certification documentation.
6. Manage the electrical subsystem scheduling, budget, resources, and suppliers.
7. Report subsystem status to ensure milestones are met in support of the overall program schedule.
8. Facilitate source selection by participating in technical reviews of supplier capabilities, and monitor supplier performance to requirements and schedule to ensure quality delivery.
9. Be self-directed as an individual contributor, and potentially serve as IPT lead for groups of internal and external scientists, engineers and technicians.
10. Provide technical direction for, and supervision over, the electrical subsystem suppliers, vendors, and consultants, to assure engineering models and prototype parts comply with designs and specifications.

BACKGROUND AND EXPERIENCE:

Education: Bachelor's Degree in Electrical Engineering or other relevant technical degree required. Graduate degree in a technical specialty is a strongly preferred.

Experience:

- The ideal candidate will currently be (or has been in the past) a Senior Engineer, Principal Engineer, Subject Matter Expert, Engineering Specialist, Technical Specialist, IPT Lead at a manager level, or a Project Manager over a system
- Advanced technical understanding of Electrical Power Generation Systems (EPGS), Electrical Power Distribution Systems (EPDS), Electrical Wire Interconnection Systems (EWIS) and the Science of Electrical Engineering (G&B, EMC, EMI, HIRF, LSP, etc.)
- 5+ years of deep, hands-on experience in Electrical systems development, design and testing in Military, Commercial, Regional, Business Jet OEM aircraft, or Tier 1 Aerospace company
- Robust and current knowledge of Part 25 regulatory requirements
- Experience with High Voltage architectures and networks (230/400VAC, or preferably 270V/540VDC)
- Experience and expertise in the development of commercial and/or high-end business jets strongly desired
- Recent experience in developing electrical systems from concept through certification strongly desired
- Must be able to demonstrate a clear understanding, knowledge and ability to define requirements, generate architecture and achieve compliance
- Strong customer focus with experience in a global environment working with customers and suppliers

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