

AVX Aircraft Company

Job Description



Job title: Aerospace Electrical Engineer

Work Location: 6310 Southwest Blvd, Benbrook, TX 76109

Division/Department: Engineering

Reports to: Program Manager

AVX background: AVX Aircraft Company has established a strong reputation as a technology innovator in vertical take-off and landing (VTOL) aircraft design. AVX is a long-term technology development partner with the United States Army and other services. Our research contracts support the Army's Future Vertical Lift initiative to advance airframe technologies in addition to other areas of research and development.

Full Time Employment

Exempt Employee

Essential Duties and Responsibilities:

AVX Aircraft seeks an aerospace electrical engineer with experience in preliminary and detailed design of air vehicle systems, with a working knowledge of electrical analysis. Our ongoing programs are focused on the design, fabrication, and test of advanced air vehicles including both manned and unmanned platforms. The successful candidate will perform tasks in all phases of electrical design, analysis and test including:

- Electrical System Design
- Electrical Test Support
- Electrical System Analysis
- Design for Manufacturing
- Supplier Management

Not Required but Highly Desirable:

- Knowledge of other air vehicle systems such as avionics, motor control, diagnostics, and flight controls
- PCBA design experience
- Embedded software development

Education and/or Work Experience Requirements:

BS/MS in Aerospace / Electrical Engineering, or related technical discipline, from an accredited institution. Minimum of 5 years of experience, and a working knowledge in:

- Fundamental knowledge of air vehicle electrical systems
- Familiarity with military electrical system qualification standards
- Ability to work independently with minimal supervision
- Ability to meet aggressive program schedules with positive attitude, working well with other team members

Physical Requirements:

- Ability to safely and successfully perform the essential job functions consistent with ADA, FMLA, and other federal, state, and local standards, including meeting qualitative and/or quantitative productivity standards.
- Ability to maintain regular attendance consistent with the ADA, FMLA and other federal, state, and local standards
- Strong communication skills both in person, on the phone, and in virtual settings