



Electrical Technician III - Job Description

DPI UAV Systems is a cutting-edge company specializing in the design and manufacture of unmanned aerial vehicles. We are currently seeking a skilled Electrical Technician to join our team. As an Electrical Engineering Technician III, you will be responsible for assembling, building, and testing aircraft wiring harnesses, assembling MIL-STD connectors, and other embedded electronic components. The ideal candidate should have experience in soldering, embedded PCB work, and heat shrink techniques. Avionics electronics experience is preferred, and the ability to read production schematics is a must.

Specific Duties

- Assemble and build aircraft wiring harnesses and MIL-STD connectors.
- Perform crimping, soldering, embedded PCB work, heat shrink techniques on electronic components.
- Install and test avionics electronics components.
- Read production schematics to ensure accurate assembly and testing of components.
- Troubleshoot and diagnose electronic and electrical problems in UAV systems.
- Maintain and repair electrical systems in UAVs.
- Keep accurate records of assembly and testing procedures and results.
- Work independently and as part of a team to ensure high-quality standards are met.
- Conduct quality inspections to ensure all products meet design specifications.
- Document production processes and report any issues to the engineering team.
- Maintain a clean and organized work area.
- Adhere to all safety protocols and procedures.

Qualifications

- A minimum of 5 years of experience in electrical technician/assembly or a related field.
- An associate's degree in electrical engineering or a related field is preferred.
- Familiarity with aircraft wiring harnesses, assemblies and industry standards.
- Avionics electronics experience is preferred.
- Knowledge of electrical systems, wiring, and connectors.
- Strong attention to detail and ability to work with precision.
- Ability to ask questions and seek clarification when necessary.
- Work independently and as part of a team to ensure high-quality standards are met.
- Strong attention to detail and excellent problem-solving skills
- Good communication and interpersonal skills
- Willingness to work in a fast-paced environment and adapt to changing priorities.
- CAD experience / SolidWorks a plus
- US Citizenship Required

**Company Description**

Dragonfly Pictures, Inc. (DPI), founded in 1992, is growing! We are a small R&D business transitioning into production. We have specialized in the design, fabrication and flight test of unmanned air vehicles and associated technologies. DPI leverages its unique skills and experience to develop ground-breaking technologies from concept through design, fabrication, qualification, and flight test. The company is dedicated to production of quality unmanned systems for the Dept. of Defense and commercial markets. If you have a passion for electrical engineering and a desire to work with cutting-edge technology, we encourage you to apply for this exciting opportunity at DPI UAV Systems.

Address

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Industry

Aerospace and Defense, Manufacturing

Equal Opportunity Employer