

Job Description

Integration Technician

1-2 Yrs

General Aeronautics specializes in Drone / Unmanned Aerial Vehicle (UAV) development & deployment for agriculture, medical and defence use cases. General Aeronautics was established to address aircraft design in all its aspects from a comprehensive system-level perspective. The General Aeronautics team is comprised of highly experienced members with many decades of expertise in industry and R&D organizations internationally.

General Aeronautics is looking for a System Integration Technician responsible for the integrating/assembling, repair and maintenance of systems and subsystems for UAV. You will utilize your expertise and knowledge in building a better systems. You will be working along-side other engineers and developers working on different layers of the infrastructure. Commitment to collaborative problem solving, sophisticated design, and creating quality products is essential.

Responsibilities

- Integrating/assembling, repair and maintenance of systems and subsystems for UAV
- Collaborate with engineers and developers to determine the optimization of electrical wiring and component placement
- Review architectural plans
- Perform calibrations for wire placement and electronic components
- Diagnose problems and come up with solutions to repair them
- Fill out detailed reports and keep records on activities that have been performed
- Using different types of electronics equipment like Multimeter, Oscilloscope etc. for testing and measuring

Skills

- Knowledge about UAV and its subsystems.
- Knowledge about cable preparation, loom preparation etc.
- Technical Skills in soldering, crimping, PCB soldering etc.
- Adequate knowledge of reading schematics, datasheets, technical documents for components
- Familiarity with embedded protocol standards (SPI, I2C, UART, USB, CAN etc...)
- Basic knowledge about electronics
- Technical Skills in using mechanical tools, mechanical shop-floor process etc.
- Strong documentation and writing skills
- Able to multitask, prioritize, and manage time efficiently
- Able to take initiative to recommend projects, product improvements, or cost reductions

Education

- Diploma / ITI in Electronics or a related subject

Contact : jobs@generalaeronautics.com