

Job Description

Production Engineer

1-3 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 Production Engineer responsible for supervising and improving production of UAVs. You'll leverage your mechanical and electrical expertise to define and work out how best the product will be manufactured and/or assembled on the production line and aligned to support the speed of the production line. 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

- Define new processes and provide facilities & methods to ensure the cost-effective integration of new products or for the improvement of existing ones into manufacturing operations
- Supervising the assembly and integration processes, ensuring quality work is done in a safe, efficient manner.
- Identify assembly and integration needs for new products in development
- Design fixtures and tooling for assembly tasks
- Generating production documentation such as assembly instructions
- Reduce variability in manufacturing by providing standard work methods and work instructions
- Liaising with other engineers to develop plans that improve production, costs, and labor required
- Lead and/or support technicians and trainee engineers & train people within own work group
- Carry out FMEAs, (Failure Mode Effects Analysis) process documentation and implement improvements

Skills

- Understanding manufacturing processes, engineering, scientific and related technical information
- Strong problem-solving skills and logical approach
- Ability to train the work group and lead teams within the work group
- Ability to manage group to achieve goals within budget
- Strong problem-solving skills and logical approach
- Understand lean manufacturing
- Basic knowledge about electronics
- Experience with CAD software and proficiency in MS Office.
- Strong documentation and writing skills

Education

- B Tech / M Tech in Electronics or Mechatronics Engineering or a related subject
- Proven experience in manufacturing or production
- Experience of FMEA (Failure Mode Effects Analysis) or Kaizen/3P (continuous improvement and problem solving) process improvement or Poka Yoke (error proofing) techniques

Contact : jobs@generalaeronautics.com