

## Job Description

# Project Engineer

3-5 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 Project Engineer to support Production, 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](mailto:jobs@generalaeronautics.com)**