

Position Title: Industrial Engineer
Reports To: Production Manager
Employment Status: Full-time Regular
FLSA Status: Exempt
Effective Date:
Primary Location: Harrodsburg, KY

Job Summary

The Industrial Engineer supports a complex portfolio of programs to help plan, design, evaluate, and improve the performance of products, equipment, processes, and facilities. Core competencies for the Industrial Engineer include intellectual agility, ability to develop innovative solutions, teamwork, performance-orientation, and industry expertise. This role works directly with production teams in a variety of settings including component and drone manufacturing.

Essential Duties and Responsibilities

The essential functions include, but are not limited to the following:

- Analyze plans and CAD files (SolidWorks).
- Proficient with 3D printing.
- Build, calibrate, and repair instruments, machines or test equipment.
- Test and evaluate performance of products, equipment, materials, or systems.
- Estimate costs for building or operating products, equipment, systems and facilities.
- Conduct surveys to collect data on materials, equipment and process conditions and inspect for optimum performance.
- Ensure that construction or manufacturing of equipment or facilities conforms to design specifications and applicable codes.
- Prepare test plans and reports that document project activities and testing results and recommend changes for product and process improvement.
- Set up and maintain project files and records.
- Utilize professional judgment, critical thinking skills and research to improve program processes and resolve issues affecting program performance.
- Provide clear recommendations to Product, Engineering, and Executive teams.
- Demonstrate responsible time management and a willingness to embrace continuous improvement culture.
- Present a positive professional image and facilitate a team-based working environment.
- Follow all company policies and safety procedures.
- Perform other duties assigned (to be less than 10% of the responsibilities listed above).

Minimum Qualifications (Knowledge, Skills, and Abilities)

- Previous aerospace experience.
- Two to three years relevant work experience in a manufacturing environment.
- Skilled in collaborating with matrixed teams.
- Ability to collaborate with production personnel and engineers.
- Strong writing and presentation skills.
- Experience working with Cloud Computing systems and environments.
- Excellent communication and people skills.
- Ability to manage multiple tasks and prioritize effectively.
- Excellent critical thinking skills.
- Strong diligence and maintain high accuracy standards.
- Proficiency with scheduling software and basic marketing tools.

Education and Licenses

- Bachelor's degree or Master's degree in industrial engineering or related field such as manufacturing or mechanical engineering.

Physical Demands and Work Environment

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this position. Reasonable accommodations may be made to enable individuals with disabilities to perform the functions.

While performing the duties of this position, the employee is regularly required to talk or hear. The employee frequently is required to use hands or fingers; handle or feel objects, tools, or controls. The employee is occasionally required to stand; walk; sit; and reach with hands and arms. The employee must occasionally lift and/or move up to 25 pounds. Specific vision abilities required by this position include close vision, distance vision, and the ability to adjust focus. The noise level in the work environment is usually low to moderate.

Note

This job description in no way states or implies that these are the only duties to be performed by the employee(s) incumbent in this position. Employees will be required to follow any other job-related instructions and to perform any other job-related duties requested by any person authorized to give instructions or assignments. All duties and responsibilities are essential functions and requirements and are subject to possible modification to reasonably accommodate individuals with disabilities. To perform this job successfully, the incumbents will possess the skills, aptitudes, and abilities to perform each duty proficiently. Some requirements may exclude individuals who pose a direct threat or significant risk to the health or safety of themselves or others. The requirements listed in this document are the minimum levels of knowledge, skills, or abilities. This document does not create an employment contract, implied or otherwise, other than an "at will" relationship.

Reviewed with employee by:

Signature: _____ **Name (print):** _____

Title: _____ **Date:** _____

Received and accepted by:

Signature: _____ **Name (print):** _____

Title: _____ **Date:** _____

The company is an Equal Opportunity Employer, drug free workplace, and complies with ADA regulations as applicable.