

# **Job Description**

Job Title: Mechanical Engineer Employee Classification: Salary Exempt

**Effective:** 04/2022 **Replaces:** 8/2020

**Purpose of Position:** Execute the mechanical design of electro-mechanical devices related to stabilized camera systems.

#### **Summary of Essential Job Functions:**

- Collaborate with customer and electrical/software/quality teams to develop product designs that meet customer requirements.
- Build models of components and assemblies using SolidWorks.
- Draft manufacturing prints and exploded view drawings for product assembly.
- Define critical project criteria to ensure project completion and have demonstrated leadership skills
- Responsible to state work in terms of objectives requiring project planning and judgment.
- Project coordination on prototype builds of new products.
- Provide direction in creation of production work instructions, subassembly acceptance test procedures and other production facing documentation.
- Identify opportunities and implement design changes to improve product performance, manufacturability, or reduce costs.
- Apply continuous improvement methods to enhance design quality, reliability, or cost-effectiveness.
- Provide technical expertise or support related to design and manufacturing.
- Incorporate new technology or methods to improve product offerings.
- Review product designs for manufacturability or completeness.
- Other duties as assigned

### **Education and Experience Qualifications:**

- Bachelor's degree in an engineering discipline or at least 4 years in an engineering role.
- Experience with Solidworks, preferred.

#### **Physical Demands of Position:**

- Physically able to lift up to 20 pounds (materials/equipment)
- Effective use of computer, laptop, cell phone and other mobile device to exchange information.

## **Competencies and Skills Requirements:**

- Excellent communication skills, both verbal and written.
- Excellent team skills and team oriented.



- Excellent time management skills and meets deadlines.
- Flexible; able to multi-task in response to time-sensitive and changing situations.
- Effective listening skills.
- Objective, solution-oriented problem-solving skills.
- Handles highly sensitive and confidential information.
- Resourceful, able to network and connect people to appropriate resources.
- Technology savvy, comfortable using MS software products.
- Strong planning and organizational skills and follow through.
- Resilient, stays positive and solution oriented.
- Perceptive, discovers underlying issues in situations and re-states them in a helpful way.
- Self-starter with a strong work ethic, able to work without direct supervision.

**Disclaimer:** The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified. All personnel may be required to perform duties outside of their normal responsibilities from time to time, as needed.