



# OVERWATCH IMAGING

## JOB DESCRIPTION FOR HIRE

**Title:** Production Technician

**Position Description:** The Overwatch Imaging Production Technician will build and test electronics and precision optical systems. This team member ensures products are built to our high standards and working as intended to support delivery of advanced imaging payloads for airborne systems.

**Company Description:** Overwatch Imaging is changing the way airborne image-based intelligence is created. Rooted in the airborne intelligence and drone technology cluster of Hood River, Oregon, Overwatch Imaging is revolutionizing human understanding of the world through computer vision-optimized sensing. Overwatch Imaging makes customized imaging payloads designed for mission-critical, automated remote sensing roles. Our products allow tactical UAS and general aviation aircraft to automatically detect small targets, collect precision survey maps, conduct autonomous search, and provide real-time image-based intelligence to users. Overwatch Imaging systems feature autonomously gimbaled cameras combined with onboard image processing and AI software, which we leverage to reduce operator workload, accelerate data processing workflows, and identify hard-to-find small signals from large datasets.

**Major Areas of Responsibility:** *The ideal candidate will be strong in many of the following areas:*

- **Product Assembly and Subsystem Build and Test:** Using technical drawings, specifications or work instructions, the Production Technician will build cable harnesses, electro-optic subassemblies or final products for delivery to customers. Sets up and operates production equipment to support good manufacturing practices. Builds, packages and ships finished products.
- **Identify Problems and Suggest Improvements:** Identifies and debugs problems in processes, products, equipment and works for solutions. Assists design engineers in developing, building, or testing prototypes and new products.

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- **Production System Quality:** Completes component, subassembly and imaging payload system verification testing; identifies and pursues reliability improvements and cost reduction opportunities; and ensures repeatable performance of delivered systems.

**Required Knowledge, Skills and Abilities:** *The ideal candidate will meet many of these requirements:*

- **Experience and Education:**
  - Education and hands-on experience in electronics, electrical engineering, computer engineering, mechatronics, robotics or related fields.
  - Experience in aerospace and defense, particularly with mid-sized unmanned aircraft and/or airborne imaging systems.
  - Experience with electro-optical remote sensing systems, digital image signal transmission, communications protocols, and rapid prototyping.
  - No professional experience required with a Bachelor's degree, or
  - 3 to 5 years of relevant experience with an Associate's degree or professional training.
  - IPC-A-610 or similar certification, and/or airborne systems maintenance experience is helpful.
- **Technical Competence:**
  - Ability to troubleshoot issues, analyze test results, and promptly communicate findings internally and with clients.
  - Familiarity with Mechanical Engineering (cabling, structural, thermal, environmental testing), CAD experience preferred.
  - Proficient in Microsoft Office tools (Excel, Word, PowerPoint, etc.), data analysis (Matlab, etc.) and technical report writing
- **Character Attributes:**
  - High degree of manual dexterity and the ability to operate machines, hand or power tools and use software to run computer-operated machinery
  - Thrives in a dynamic, fast-paced small startup business environment
  - Highly motivated self-starter able to work independently and with a team
  - Collaborates well in a small team environment
  - Enjoys hands-on work and learning new skills
  - Eager to learn and solve real-world problems and accept new challenges
  - Takes pride in seeing new products reach operational use quickly

**Location:** This position is based in Hood River, Oregon, and requires occasional business travel and work in and around light aircraft. All applicants must be authorized to work on a permanent basis in the United States.