

# Sunhillo Corporation

## Job Description

**Job Title:** Hardware Technician  
**Department:** Hardware Engineering  
**Reports To:** VP Of Hardware Engineering

### **JOB SUMMARY:**

Lays out, builds, tests, troubleshoots, repairs, and modifies developmental and production electronic components, parts, equipment, and systems, such as computer equipment and test equipment.

### **ESSENTIAL DUTIES AND RESPONSIBILITIES:** *Other duties may be assigned.*

- Test resolving software and hardware complications while documenting test methods and procedures. Analyzes and interprets test data. Perform unit testing, system testing, integrity testing, and regression are standard processes. Perform software distribution, installation, and implementation of application builds and releases over system test configurations, which include specific multi-level OS customization for desired functionality. Assembles experimental circuitry (breadboard) or complete prototype model according to engineering instructions, technical manuals, and knowledge of electronic systems and components.
- Install and maintain primary and redundant servers for the corporate LAN.
- Writes technical reports and develops charts, graphs, and schematics to describe and illustrate system's operating characteristics, malfunctions, deviations from design specifications, and functional limitations for consideration by engineers in broader determinations affecting system design and laboratory procedures.
- Interface with customers and contract manufacturers.
- Provides internal and field training for unit and system testing.
- Provides failure analysis, field support and troubleshooting recommendations.
- Performs site surveys and system installations at FAA sites.

### **KNOWLEDGE & SKILLS:**

- Knowledge of various computer software and hardware platforms at FAA sites and in general.
- Skill in collecting, analyzing, and summarizing specific data.
- Ability to use variety of instrumentation techniques.
- Excellent written and oral communication skills.
- Be experienced with hand tools and small power tools.
- Be able to read and understand technical drawings, datasheets, and written work instructions.

### **EDUCATION & EXPERIENCE:**

- High School diploma with technical school. BS or Associates degree is preferred.
- 5-7 yrs. related experience and/or training.
- Experience using electronic test equipment.