



<b>Job Title:</b> Accessory Shop Technician	<b>Department/Shop:</b> Accessory Shop
<b>Reports To:</b> Shop Lead	<b>Location:</b> Missoula, MT
<b>Supervisory Position:</b> No	<b>Travel Required:</b> Minimal

**Position Summary:**

- Maintain aircraft components: service, inspection, repair, overhaul. Return aircraft components to service in accordance with repair manuals, repair station policies and procedures.

**Essential Responsibilities:**

- Individual is responsible for trouble shooting, disassembly, cleaning, inspection, repair, overhaul, and testing of aircraft components assigned to the shop. Using computers to navigate technical manuals.
- Including a thorough knowledge AC/DC electrical circuits, soldering knowledge and electrical trouble shooting and repair of aircraft components.
- Knowledge in the use of multimeter, hypot, megger, growler testers and a willingness to learn other electrical testing equipment.
- Working knowledge of printed circuit boards and electronic components, i.e., resistors, diodes, capacitors, etc.
- Working knowledge of hydraulic and fuel systems and components.
- Overhaul and testing of vintage and modern alternators, generators, magnetos, distributors, starters, synchronization boxes a plus.
- Ensure all test equipment used is calibrated, up to date, and in good working condition.
- Document and ensure that the component records are complete, all paperwork is properly filled out and a proper serviceable tag is attached to the component before returning it to service.
- Working knowledge of ground support equipment, and commercial electrical a plus.
- Other duties as assigned.

**Additional Job Duties and Responsibilities:**

- If assigned by the shop lead, train other technicians on components you are qualified to work.
- May be required to fly on aircraft.
- Must be willing to maintain a clean work environment and participate in shop clean up.
- May be required at times to perform other task assigned to the shop, carpentry, driving, concrete work, design and building of test equipment.
- Operate equipment such as forklift, and man lifts to heights above 20 feet.

**Knowledge, Skills, and Competencies:**

- Ability to think analytically and be a problem solver.
- Ability to communicate effectively with customers and co-workers in a courteous and professional manner.
- Knowledge of basic math skills/calculations.
- Knowledge of the makeup, operation, installation, and adjustment of a variety of major interrelated and/or integrated aircraft systems, subsystems, and assemblies.



**Required Qualifications:**

*Any combination equivalent to the following would provide the required knowledge, skills and abilities needed to qualify.*

- High School Diploma or Equivalent Certificate.
- Commitment to the mission and vision of Neptune Aviation Services Inc.
- FAA Certificate Airframe and/or Powerplant or the ability to obtain an FAA Repairman's Certificate. (14 CFR 65)

**Desired Qualifications:**

- Proficient with the Microsoft Office suite of products.
- Working knowledge of Solid Works and/or PLC Fundamentals.
- Working knowledge of machining operations on lathe and mill.
- Read and interpret blueprints of aircraft.
- Two-year degree in the STEM field.
- Additional FAA/Industry License/Qualification(s) are highly desired.

**Physical Requirements and Working Conditions:**

- Work assignments require moderate to strenuous effort. Frequently lifting parts and equipment that weigh up to 25 pounds. Occasionally lift and carry items may weigh up to 50 pounds. Heavier weights may be lifted with mechanical lifting devices or assistance from other workers. Use of cleaning chemicals, solvents, grease, and aircraft fluids are common in the workplace.

**Additional Information:**

This job description is not intended to be all – inclusive, and the employee will also perform other reasonably related duties as assigned by immediate supervisor/management to fulfill job function or as deemed necessary. Neptune Aviation Services Inc. reserves the right to revise or change position responsibilities as the need arises. This description does not establish a written or implied contract of employment.

Employee Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Company Representative Signature: \_\_\_\_\_

Date: \_\_\_\_\_