



Job Title: Avionics/Electrical Technician	Department/Shop: Maintenance
Reports To: Avionics Lead	Location: Missoula, MT
Supervisory Position: No	Travel Required: Yes - Limited

Position Summary: Responsible for avionics/electrical maintenance of aircraft. This position will perform service, inspect, repair, overhaul, and alterations returning aircraft(s) to service in accordance with repair station policies and procedures.

Essential Responsibilities:

- Install, adjust align, troubleshoot, and perform final functional and operational test on a variety of major aircraft electrical systems, their assemblies, and components such as airframe, landing gear, power plant, gear boxes, pumps, hydraulic, pressurization, electrical, utility, fuel, oil, pneumatic, or flight control systems.
- Troubleshooting and repairing all airframe and powerplant electrical systems, post assembly checkout and adjustment, and repair of overhauled and modified aircraft to prepare for and correct deficiencies found on aircraft flights.
- Rig, function test, or troubleshoot the systems; determine when they are operating properly or whether portions of the system must be repaired or replaced; and the type and extent of adjustment and alignment needed.
- Document all work on the aircraft and ensure that the aircraft records are complete.
- Authorized to sign off on work performed by others, clear safety of flight conditions and return the aircraft to service.
- Assure safety and housekeeping rules are followed.
- Perform EWIS and EZAP inspections, in accordance with manufacture tech data.
- Perform 91.411 and 91.413 inspections.

Additional Job Duties and Responsibilities:

- Communicate with management on progress and problems
- Demonstrate proper work methods
- Perform assigned duties with integrity to ensure quality standards are met on all required inspections and work assignments.
- Accurately record all work accomplished on numbered work orders of his area of responsibility and to attach finished work items and components with serviceable parts tag or maintenance release tag approved by an authorized signature.
- Assure that work performed by the Repair Station is compliant with all applicable Federal Aviation Regulations, technical data, and company policies.
- Perform other duties and responsibilities as required to fulfill job function or as assigned.

Knowledge, Skills, and Competencies:

- Ability to think analytically and be a problem solver.
- Ability to communicate effectively, both in writing and in speaking with customers, co-workers, and various business contacts in a courteous and professional manner.
- Understand and practice safety procedures to prevent damage to equipment or injury to personnel.
- Knowledge of startup, operation, shutdown, and emergency procedures for the systems and the aircraft; symptoms of normal and abnormal operation; the interrelationships between operating systems; and activity safety procedures to prevent damage to equipment or injury to personnel.
- Basic knowledge of the work of associated trades such as sheet metal, painting, aircraft electrical, electronics, and aircraft engine work to determine when work should be assigned to specialized support shops.



- Ability to calculate time and workspace required to coordinate the work of other mechanics and determine when the work is properly done and signed off so that the aircraft, appliance, or system is airworthy.
- Ability to use common aircraft maintenance tools (wrenches, rachets, screw drivers, etc).
- Basic knowledge of specialty aircraft test equipment (pitot/static test sets, transponder test sets, nav/com test sets).

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.
- FAA Certified Airframe and/or Power Plant Mechanic or the ability to obtain an FAA Repairman's Certificate (14CFR 65)

Desired Qualifications:

- U.S. DOT Medical Certificate
- Additional FAA/Industry License/Qualification(s) is highly desired.

Physical Requirements and Working Conditions:

- Work assignments require moderate to strenuous effort. Workers must climb, bend, stoop, crawl, and stand for prolonged periods on concrete or metal surfaces.
- Frequently lift parts and equipment that weigh up to 25 pounds. Occasionally lift and carry items that weigh about 50 pounds. Heavier weights may be lifted with mechanical lifting devices or assistance from other workers.
- Work is performed in hanger areas, outdoors, and in hazardous noise areas. Workers are exposed to extremes in heat, cold, and inclement weather.
- Work in confined spaces and in awkward positions.
- Dirt, dust, 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 as required. Neptune Aviation Services 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: _____

Please email resume to employment@neptuneaviation.com