

Job Title: Heavy Maintenance Mechanic – Turbo Prop	Department/Shop:
Reports To: Lead Mechanic	Location: Missoula, MT
Supervisory Position: No	Travel Required: Yes

Position Summary: This position is responsible for all aircraft inspection, maintenance, preventive maintenance, repair, overhaul, and components or accessories airworthiness and quality within the designated shop.

If you are interested in applying click here: [APPLY HERE](#)

Essential Responsibilities:

- Install, adjust align, troubleshoot, and perform final functional and operational test on a variety of major aircraft systems, their assemblies, and components such as airframe, landing gear, power plant, gear boxes, pumps, hydraulic, pressurization, utility, fuel, oil, pneumatic, or flight control systems.
- Troubleshooting and repairing all airframe and powerplant mechanical 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.
- Maintain the basic set of tools to do the job required.

Additional Job Duties and Responsibilities:

- May coordinate work of subordinate mechanics.
- Run up and test under power the engine(s) and systems.
- May be required to fly on aircraft.
- May work on heavy maintenance or other aircraft assigned.
- Responsible for the approval of work performed on the assigned aircraft.

Knowledge, Skills, and Competencies:

- Knowledge of the makeup, operation, installation, and adjustment of a variety of major interrelated and/or integrated aircraft systems, subsystems, and assemblies.
- 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.
- Skill in the use of standard and specialized tools and test equipment of the trade including fixtures, templates, scales, test stands and external power sources.
- Skill in reading and understanding data and settings from cockpit instruments and gauges.
- Skill in interpreting and applying written technical guidelines.
- Skill in the use of computers to research technical data.
- Ability to work respectfully in a team environment toward a common goal.



- Ability to think analytically and be a problem solver.
- Ability to communicate effectively with customers and co-workers in a courteous and professional manner.
- Understand and practice safety procedures to prevent personal injury or damage to equipment.

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 Powerplant Mechanic (14CFR 65) with 3+ years of experience.
- U.S. DOT Medical or ability to obtain DOT Medical (not applicable in all shops).
- Twin Commander 690, King Air or other light turbo prop aircraft experience.
- Commitment to the mission and vision of Neptune Aviation Services Inc.

Desired Qualifications:

- Previous experience as a Licensed Mechanic in the aviation industry.
- IA is preferred, but not required.
- Strong electrical or avionics troubleshooting, wiring diagrams or electrical systems experience

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 hangar areas, outdoors, and in hazardous noise areas. Workers are exposed to extremes in heat, cold, and inclement weather. Work can occur in confined spaces and in awkward positions.
- Dirt, dust, grease, and aircraft fluids are common in the workplace.
- Extended periods of travel may be required.

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 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: _____