

Job Title: Machinist	Department/Shop: Tanker Shop
Reports To: Lead Machinist/Tanker Shop Manager	Location: Missoula, MT
Supervisory Position: No	Travel Required: Yes - Limited

Position Summary: This position is responsible for manufacturing parts for aircraft, building special tools, fixtures, and/or repair aircraft components using engine lathe, knee mill, NC mill, CNC lathe, and/or other machine shop tools.

Essential Responsibilities:

- Read and interpret blueprints of aircraft equipment.
- Perform complex setups with vises, angle plates, rotary plate, and sine plate.
- Design and build custom fixture(s) for specific jobs.
- Ensure all equipment used is in good working condition and calibration is up to date.
- Clean, lube, and service machine tools I/A/W manufacture’s recommendations.
- Assure safety and housekeeping rules are followed.

Additional Job Duties and Responsibilities:

- Working knowledge of proper use of machine tools i.e., engine lathe, knee mill.
- Working knowledge of proper use and care of measuring instruments i.e., calipers, micrometers, and dial indicators. CMM or Faro Arm knowledge is a plus.
- Ability to program EZ Trak mill, and/or Haas TL Lathe.
- Ability to work in close tolerance situations with little to no error.
- 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.
- Ability to understand and apply concepts and instructions in the machinery's handbook.
- Knowledge of basic math skills/calculations.
- Knowledge of proper use of machine tools, measuring instruments, etc.
- Skill to use various tools and cutter grinder, brazed carbide tool grinder etc.
- Skill in interpreting and applying written technical guidelines and manuals.
- Skill in the use of computers to research technical data.
- Knowledge of reading and interpreting aircraft or mechanical blueprints, drawings, diagrams, and manuals.
- Knowledge of the makeup, operation, installation, and adjustment of a variety of major interrelated and/or integrated aircraft systems, subsystems, and assemblies.
- Understand and practice safety procedures to prevent damage to equipment or injury to personnel.
- Skill in interpreting and applying written technical guidelines.



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.
- Trade school diploma/certificate or equivalent training
- Experience with manufacturing software (i.e., Mastercam or Solidworks)
- Previous experience in the manufacturing/machining sector

Desired Qualifications:

- 5+ years of relevant manufacturing/machining experience

Physical Requirements and Working Conditions:

- Work assignments require moderate to strenuous effort. Frequently lifting parts and equipment that weigh up to 25lbs.
- Occasionally lift and carry items that weigh approximately 50lbs. Heavier weights may be lifted with mechanical lifting devices or assistance from other workers.
- Standing for long periods of time.
- Use of cleaning chemicals, solvents, grease, and machine tool cutting 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: _____