



Manual Machinist

SUMMARY

Responsible for performing manual machining operations on overhaul component parts in accordance with WGPW established methods and practices.

ESSENTIAL DUTIES AND RESPONSIBILITIES: include but are not limited to the following:

- Calculate dimensions and tolerances using knowledge of mathematics and instruments such as micrometers, vernier calipers, indicators and swing gages.
- Machine parts to specifications using machine tools such as vertical turret lathes, lathes, horizontal boring mills, vertical boring mills, milling machines, OD grinders, ID Grinders and surface grinders.
- Measure, examines, and test completed components in order to detect defects and ensure conformance to specifications, using precision measurement equipment.
- Set up, adjust, and operate all of the basic machine tools and many specialized or advanced variation tools in order to perform precision machining operations, including tool selection and calculation of appropriate speed and feeds.
- Use and interpretation of appropriate technical data, including but not limited to travelers, blue prints and other technical data as provided.
- **Controlling Machines and Processes** - Using either control mechanisms or direct physical activity to operate machines or processes.
- **Communicating with Supervisors, Peers, or Subordinates** -- Providing information to supervisors, co-workers, and subordinates by telephone, in written form, e-mail, or in person.
- **Getting Information** -- Observing, receiving, and otherwise obtaining information from all relevant sources.
- **Handling and Moving Objects** -- Using hands and arms in handling, installing, positioning, and moving materials, and manipulating things.
- **Monitor Processes, Materials, or Surroundings** -- Monitoring and reviewing information from materials, events, or the environment, to detect or assess problems.
- **Inspecting Equipment, Structures, or Material** -- Inspecting equipment, structures, or materials to identify the cause of errors, problems and safety non conformances.
- **Equipment Selection** - Determining the kind of tools and equipment needed to do a job.

- **Troubleshooting** - Determining causes of operating errors and deciding what to do about it.
- **Active Listening** - Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
- **Active Learning** - Understanding the implications of new information for both current and future problem-solving and decision-making.

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the Knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION and/or EXPERIENCE

3+ years of previous experience in the operation of machines and tools, including their designs, uses, repair, and maintenance. Experience in the overhaul and repair of aviation components is a strong plus. CNC experience is a plus.

LANGUAGE SKILLS

Ability to read and interpret documents such as safety rules, operating and maintenance instructions and procedure manuals. Ability to listen and understand information and ideas presented through spoken words and sentences. Must have the ability to speak clearly so others can understand you.

REASONING ABILITY

Must have ability to solve practical problems using pre-existing standards and interpret a variety of instructions furnished in written, oral, diagram or schedule form.

OTHER SKILLS AND ABILITIES

Must have good mechanical skills, a high level of manual dexterity including hand-eye coordination and the ability to accurately use precision measuring tools such as micrometers, calipers and dial indicators. Must be able to read, interpret, document and use manufacturer's technical manuals.

Must be able to effectively and safely use manufacturer's special tooling.

PHYSICAL DEMANDS

While performing the duties of this job, the employee is regularly required to stand, and use hands to finger, handle or feel objects, tools and controls. The employee is occasionally required to walk, sit, reach with hands and arms; climb or balance; stoop, kneel, crouch or crawl; and talk or hear. The employee must occasionally lift and move up to 50 pounds.

NO PHONE CALLS PLEASE.

EOE/M/F/D/V