



Chief Inspector

SUMMARY

Supervise areas within the Q.C. Department at WGPW. Responsible for overhaul and repair of GG3C, GG4A, GG4C, GG8 gas generators, FT4 and PT8 power turbines in accordance with WGPW established methods and standard practices.

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

- Coordinate activities in the quality control areas.
- Plan, organize and assign work to the inspection personnel.
- Review job orders, customer specifications and build standards prior to inspecting parts.
- Perform initial, in-process and final inspection of industrial engine parts and modules using a variety of inspection tools per the inspection procedures manual, Overhaul manual (OHM) and other related documents. Determines condition of parts and/or modules, identifies requirements and initiates appropriate processes.
- Review parts to ensure that all required fits and clearances are taken, recorded and are within specified limits.
- Interact with Component Repair/Vendor administration concerning in-process inspections, repairs and/or any problems with work instructions.
- Work independently, referring only unusual conditions or circumstances to engineering.
- Interface with Customer Support in the development of worksopes and build standards.
- Interface with Pratt & Whitney Power Systems for quality planning purposes.
- Provide technical leadership.
- Ensure that customer work instructions are carried out.
- Train quality control inspectors in the proper use of manufacturer's technical data.
- Ensure that QC personnel are complying with WGPW established safety practices and procedures.
- Conduct daily safety briefings.
- Evaluate employee performance and determine training requirements.
- Establish training program and maintain training records.
- Troubleshoot engine and power turbine performance and operational problems.
- Solve departmental problems.
- Ensure that only Bill of Material or WGPW approved alternate parts are installed.
- Review engine inspection records for completeness and audits errors.
- Ensure that labor hours are properly documented.
- Maintain a safe and clean work area and adhere to all housekeeping requirements. Follow all safety procedures and rules and properly wear all safety protective equipment as required.
- Conduct oneself in a businesslike manner and in the spirit of teamwork.
- Read and interpret complex drawings and blue prints.
- Develop and maintain inspection and repair documentation.
- Perform special projects as assigned by management.
- May be required to work at remote locations due to fluctuating workloads.

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

Previous supervisory experience required. Must be able to deal with difficult situations involving employee behavior and performance issues. Must possess a good working knowledge of jet engine component repair procedures required to determine proper repair actions. Two year certificate or degree from college, technical school or equivalent plus additional broad specialized training in an aviation or technical school, military training or greater than ten years related experience; or equivalent combination of education and experience.

LANGUAGE SKILLS

Ability to read and interpret documents such as safety rules, operating and maintenance instructions and procedure manuals. Must have good technical publication and professional letter writing skills.

MATHEMATICAL SKILLS

Ability to calculate figures such as discounts, percentages, ratios, area, circumference and volume. Ability to apply the concepts of algebra, geometry, trigonometry and shop math as they relate to engine repairs, fits and clearances and running positions.

REASONING ABILITY

Ability to solve unusual problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret and apply a variety of instructions furnished in written, oral, and diagram or schedule form.

CERTIFICATES, LICENSES, REGISTRATIONS

Airframe & Powerplant License preferred but not required.

OTHER SKILLS AND ABILITIES

Ability to work within the Microsoft Office environment. 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, service bulletins, illustrated parts catalogs, assembly drawings, AOS sheets and WGPW assembly records. Must be able to effectively and safely use manufacturer's special tooling and lift and turn equipment.

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. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

WORK ENVIRONMENT

While performing the duties of this job, the employee may occasionally work in high, precarious places and in outside weather conditions or be exposed to moving mechanical parts, fumes, airborne particles, solvents and oils.

NO PHONE CALLS PLEASE.

EOE/M/F/D/V