

POSITION TITLE: Aircraft Component Technician

HOURS: Full Time

IMMEDIATE SUPERVISOR: Dave Sparks

GRADE: HOURLY - 4

POSITION SUMMARY:

- Perform duties required to service, repair, and maintain aircraft mechanical components, pneumatic, hydraulic, and related systems and components to insure airworthiness.

FUNCTIONS OF THE JOB:

- **ESSENTIAL FUNCTIONS:** Repair, replace, and rebuild aircraft components, such as wheels, brakes, and hydraulic accessories using hand tools, power tools, welding equipment, rivet gun, and drill press. Daily use of magnetic particle, Eddy current, and dye penetrant non-destructive testing methods on wheel halves, bolts, bearing races, brake components, actuators, accumulators, and servos. Read and interpret maintenance manuals, service bulletins, and FARs to determine feasibility and method of repairing or replacing malfunctions or damaged components. Disassemble and inspect parts for wear, warping, or other defects; repair and replace defective parts and reassemble. Replace and repair damaged/worn components. Adjust, repair, or replace pneumatic, hydraulic, fuel, and electrical wiring systems, and aircraft accessories. Perform scheduled preventive maintenance, which includes replacing time controlled parts, filters, etc. Research part book to obtain parts necessary to complete repair; submit part requests to parts room for action. Other duties as assigned.

REQUIREMENTS FOR POSITION:

- **EDUCATION:** Basic knowledge of elementary algebra with complicated drawings; use of precision measuring instruments requiring advanced skill knowledge equivalent to one year on floor and one to three years applied trades training.
- **EXPERIENCE:** Minimum of three years in a similar or related position to fulfill the duties of this position.
- **SKILLS/ATTRIBUTES:** Must understand procedures and operation of all types of aircraft. Ability to read/understand technical literature and manuals. Ability to communicate in both written and oral form. Ability to creatively and independently solve work related problems.
- **EQUIPMENT:** Basic sheet metal tools, hand tools, airframe and engine test equipment.
- **LICENSE(S) / CERTIFICATION(S):** Airframe and Powerplant License