

9849
AIRCRAFT MECHANIC 3

Nature of Work

Under moderate supervision, performs advanced and lead work inspecting, maintaining and repairing airframe, powerplant, propeller, rotor or other component parts of either fixed or rotor wing aircraft; makes daily pre-flight inspections as well as skilled, detailed 50, 100 hour and annual inspections in compliance with manufacturer's manuals, Federal Aviation Administration (FAA) regulations, state regulations and policies and Aviation Division policies. Maintains all ground support equipment and state hangar facility. The employee reports directly to the Aircraft Chief Mechanic. Performs related work as required.

Distinguishing Characteristics

The Aircraft Mechanic 3 performs highly skilled mechanical work and serves as the lead worker. The employee has the responsibility for determining the type and extent of maintenance and repair work to be done.

Examples of Work

Inspects, maintains and repairs the airframe, powerplant, propeller, rotor or other component parts of fixed-wing or rotary-wing aircraft.

Determines type and extent of maintenance and repair work for the approved return to service of the airframe, powerplant, propeller, rotor or any component part of fixed or rotary wing aircraft in accordance with federal, state and local rules and regulations, manufacturer's manuals and FAA regulations.

Assigns and checks work of other maintenance personnel; may monitor the performance of specialized maintenance contractors.

Responsible for maintenance of hangar facility, tools, equipment, aircraft maintenance books and records; orders and inventories parts, supplies, tools and equipment.

Maintains knowledge, skills and abilities to perform assigned duties; assures current knowledge on types of aircraft used; successfully completes required schools and maintenance courses appropriate for assigned duties.

Knowledge, Skills and Abilities

Comprehensive knowledge of FAA rules, regulations, requirements and limitations which relate to position.

Comprehensive knowledge of state regulations and policies and Aviation Division policies.

Considerable knowledge of tools and equipment required in an aircraft maintenance and repair shop and the proper use of such equipment.

Ability to diagnose the cause of operating defects in aircraft powerplants and airframes to make repairs.

Ability to establish and maintain the highest safety standard available for the protection of pilots and passengers.

Ability to climb, lift and carry heavy and awkward parts and to perform precise manual work in awkward positions.

Ability to effectively plan, coordinate and lead aircraft maintenance and repair work.

Ability to receive and understand oral and written instructions.

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AIRCRAFT MECHANIC 3 (cont'd)

Minimum Qualifications

Training: Graduation from a standard high school or the equivalent.

Experience: Three years of full-time or equivalent part-time paid employment as an aircraft mechanic performing airframe and powerplant maintenance on fixed or rotary wing aircrafts. Preference may be given to candidates with experience in maintenance and repair of Beech King Air aircrafts and/or Bell helicopters.

Substitution: Graduation from an FAA approved aviation maintenance technician school will substitute for the required experience.

Special Requirements: (1) Possession of an FAA Airframe and Powerplant (A&P) Mechanic Certificate and either possess a current Inspection Authorization (IA) Certificate or become certified within one year of employment. (2) Specific positions may require certification from a Federal Environmental Protection Agency (EPA) approved testing organization as a certified technician as required by the Clean Air Act regarding refrigerant handling and recycling. (3) Candidate will be subject to and must be able to pass an extensive background check. Employed personnel in this position will be subject to routine unannounced drug and alcohol screenings.

Established: 06/23/05

Revised: 05/26/17

Effective: 05/26/17