



A&P Technician

Job Summary:

The Aircraft Mechanic will maintain, repair, and inspect aircraft to ensure safe operations within guidelines set by the Federal Aviation Administration (FAA).

Duties/Responsibilities:

- Performs regular maintenance on aircraft.
- Ensures proper working condition of mechanical systems before flight.
- Develops and maintains records of maintenance, repairs, inspections, and any reports related to parts or services.
- Inspects and examines engines, wings, propellers, tails, and other parts to identify cracks, corrosion, or other defects.
- Inspects hoses and lubricates joints; replaces any that show signs of needing repair.
- Consults maintenance manuals and specifications to identify correct operations and specifications for replacements or repairs.
- Installs new parts to replace or repair defective or recalled parts or to enhance the performance of the aircraft; performs these tasks efficiently and to specifications.
- Repairs sheet metal as needed.
- Ensures proper function of engines and operating systems via a variety of tests and tools.
- Identifies and resolves mechanical problems based on visual inspections or reports from pilot or crew.
- Collaborates, as needed, with airframe and power plant (A&P) mechanics or other appropriate personnel to repair engines and non-instrumental parts.
- Performs other related duties as assigned.

A successful candidate will:

- Be well versed in a wide variety of business aircraft such as Gulfstream, Citation, Learjet, Challenger, Hawker, Beechjet and King Air.
- Have the ability to work unsupervised
- Be able to work 1st or weekend shift as assigned.
- Have a working knowledge of FAR 145, 135, 91, 43 and 65.
- Have previous experience working for an FAA 145 Repair Station or a 135 Operator (preferred but not necessary.)
- Hold an FAA Airframe and/or Powerplant certificate (preferred but not required for the right candidate).



Required Skills/Abilities:

- Thorough understanding of aircraft parts, systems, and mechanics.
- Thorough understanding of tools and testing methods used to ensure proper functioning of an aircraft and its parts, systems, and mechanics.
- Ability to read, comprehend, and adhere to manual instructions to resolve complex mechanical issues.
- Proficient in Microsoft Office Suite or related software used to complete and maintain records.
- Ability to access web based online and electronic maintenance manuals.
- Detail-oriented with mechanical inclination.
- Superior and careful workmanship.
- Ability to perform consistently under stressful conditions.
- Ability to perform basic inspections and repairs.
- Ability to learn new skills and methods of repairs.
- Sufficient oral and verbal communication skills, as needed, to discuss equipment malfunctions and complete reports.
- Train, coach, and support other employees.

Education and Experience:

- A&P mechanic certification by the FAA.

Physical Requirements:

- Must be able to stand, lie, and kneel in awkward positions and spaces.
- Must be able to perform work on scaffolding or ladders.
- Must be able to lift and pull objects weighing up to 70 pounds at a time.
- Manual dexterity and physical strength necessary to operate tools or make adjustments and repairs.
- Must have visual acuity to inspect equipment and identify defects.
- Must be able to hear well enough to test sounds and identify functioning level of aircraft.

Reference

SHRM.org. (2021). Aircraft Mechanic. Retrieved August 24, 2021, from SHRM Better Workplaces Better World: <https://www.shrm.org/ResourcesAndTools/tools-and-samples/job-descriptions/Pages/Aircraft-Mechanic.aspx>