Aircraft Mechanic

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
AIRCRAFT MECHANIC I	9638	B22	$57,614 - $93,138
AIRCRAFT MECHANIC II	9640	B23	$61,184 - $99,658
AIRCRAFT MECHANIC III	9642	B24	$65,104 - $106,634
AIRCRAFT MECHANIC IV	9644	B25	$69,572 - $114,099

GENERAL DESCRIPTION

Performs inspection, diagnostic, and repair work on fixed-wing or rotary aircraft involving setting standards of performance and devising work practices and procedures in accordance with established policies.

DISTINGUISHING CHARACTERISTICS

The Aircraft Mechanic job classification series is intended for employees who perform diagnostics, repairs, and inspections on fixed-wing or rotary aircraft. In contrast, the Aircraft Inspector job classification series is intended for employees who have a Federal Aviation Administration (FAA) Airframe Mechanic Licensure and FAA Inspection Authorization Certification. These employees inspect the work performed by department aircraft mechanics.

EXAMPLES OF WORK PERFORMED

Inspects, diagnoses, and repairs aircraft engines, components, and systems.

Inspects completed work to ensure that maintenance and inspections meet applicable standards and regulations, and that aircraft are ready for operation.

Repairs and replaces pumps, engines, propellers, instruments, landing gear, airframe, control surfaces, and fuel systems.

Prepares and maintains aircraft maintenance log entries, reports, and other records of work performed in accordance with Federal Aviation Administration and agency standards.

Performs related work as assigned.

DESCRIPTION OF LEVELS

Examples of work and descriptions are meant to progress through the levels. For example, an employee at level IV may also perform work listed within the previous levels.

***Note**: Employees at the journey level may independently perform the full range of work identified and may assist others in performing work of greater complexity.*

AIRCRAFT MECHANIC I: Performs complex (journey-level) inspection, diagnostic, and repair work on fixed-wing or rotary aircraft. Works under general supervision, with moderate latitude for the use of initiative and independent judgment.

***Note**: Senior-level employees (levels II-IV) may perform the full range of work identified in the preceding levels and may coordinate, evaluate, or oversee that work for others. Factors that may distinguish between senior levels include the scope of responsibility, oversight, and authority; the scope, nature, complexity, and impact of the work performed; and the employee's related work experience, education, and certifications. Senior-level employees may serve in a lead or supervisory role; however, supervisory responsibilities within this job classification series will typically be found at the level IV.*

AIRCRAFT MECHANIC II: Performs highly complex (senior-level) inspection, diagnostic, and repair work on fixed-wing or rotary aircraft. Works under limited supervision, with moderate latitude for the use of initiative and independent judgment. Employees at this level may:

- Coordinate work to ensure the availability of aircraft and efficient use of mechanics' time and equipment.
- Determine manpower requirements for specific jobs and classes of jobs.

AIRCRAFT MECHANIC III: Performs advanced (senior-level) inspection, diagnostic, and repair work on fixed-wing or rotary aircraft. Works under limited supervision, with considerable latitude for the use of initiative and independent judgment. Employees at this level may:

- Oversee work to ensure the availability of aircraft and efficient use of mechanics' time and equipment.
- Coordinate the inspection, diagnoses, and repairs of aircraft engines, components, and systems.
- Plan and develop policies, procedures, and goals in the areas of maintenance programs, quality control, and safety.

AIRCRAFT MECHANIC IV (Added 9-1-2025): Performs highly advanced (senior-level) inspection, diagnostic, and repair work on fixed-wing or rotary aircraft. Works under minimal supervision, with extensive latitude for the use of initiative and independent judgment. Employees at this level may:

- Prioritize aircraft maintenance, repair work, and inspections based on operational needs.
- Review and approve completed aircraft maintenance and repair work performed in accordance with Federal Aviation Administration and agency standards.
- Monitor tools and parts inventories and obtain necessary supplies.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in aircraft inspection, maintenance, and repair work. Graduation from a standard senior high school or equivalent, supplemented by courses in aircraft maintenance and repair, is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

For all levels

- Knowledge of aircraft inspection, maintenance, and repair; and applicable industry safety standards, guidelines, and specification codes.
- Skill in determining when and what kind of maintenance is needed; in troubleshooting causes of equipment malfunctions; in the use of applicable hand and power tools, equipment, and mechanical devices of the trade; and in identifying complex problems and solutions.
- Ability to interpret governmental regulations and manufacturers' technical advice and data; to prepare and maintain aircraft maintenance log entries, reports, and other records of work performed; and to communicate effectively.

Additional for Aircraft Mechanic II - IV levels

- Ability to provide guidance to others.

Additional for Aircraft Mechanic III - IV levels

- Ability to review and approve aircraft maintenance log entries, reports, and other records of work performed; and to supervise the work of others.

REGISTRATION, CERTIFICATION, OR LICENSURE

Requires a current Federal Aviation Administration Aircraft and Power Plant Mechanic's license.