



# Aircraft Inspector

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
AIRCRAFT INSPECTOR I	9650	B26	\$76,530 - \$129,430
AIRCRAFT INSPECTOR II	9652	B27	\$84,182 - \$142,374

## GENERAL DESCRIPTION

Performs aircraft inspection work involving inspecting and certifying work completed on fixed-wing or rotary aircraft, ensuring compliance with Federal Aviation Administration (FAA) standards and regulations.

## DISTINGUISHING CHARACTERISTICS

The Aircraft Inspector job classification series is intended for employees who have FAA Airframe Mechanic and Powerplant Mechanic Licensure and FAA Inspection Authorization Certification. These employees inspect the work performed by department aircraft mechanics or work performed under contract. In contrast, the Aircraft Mechanic job classification series is intended for employees who perform diagnostic, repair, and inspection work on fixed-wing or rotary aircraft.

## EXAMPLES OF WORK PERFORMED

Performs or oversees aircraft annual inspections in accordance with FAA regulations and standards.

Inspects work performed by department aircraft mechanics or work performed under contract services to certify that repairs and maintenance meets standards; and approves or denies issuance of certificates of airworthiness.

Examines aircraft maintenance logs and other records to determine if service and maintenance checks and overhauls were performed.

Prepares and maintains detailed inspection, investigation, and certification records and reports.

Serves as agency safety point of contact for aviation maintenance team and facilities.

Monitors operations and maintenance tasks to ensure that they meet production quality control standards.

Establishes operational processes and procedures to ensure employee safety and accurate maintenance practices.

Performs related work as assigned.

## DESCRIPTION OF LEVELS

*Examples of work and descriptions are meant to progress through the levels.*

**AIRCRAFT INSPECTOR I:** Performs advanced (senior-level) aircraft inspections work on fixed-wing or rotary aircraft as required by FAA standards and regulations. Works under limited supervision, with moderate latitude for the use of initiative and independent judgment.

**AIRCRAFT INSPECTOR II:** Performs highly advanced (senior-level) aircraft inspections work on fixed-wing or rotary aircraft as required by FAA standards and regulations. Works under minimal supervision with extensive latitude for the use of initiative and independent judgment. Employees at this level may serve as a lead worker and may:

- Oversee tracking of aircraft compliance to ensure all aircraft and/or aircraft components comply per manufacturer and FAA regulations.
- Provide technical guidance to aircraft mechanics and less tenured inspectors.

## GENERAL QUALIFICATION GUIDELINES

### EXPERIENCE AND EDUCATION

Experience in fixed-wing or rotary aircraft maintenance, repair, or inspection work. Graduation from a standard senior high school, 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 FAA regulations, circulars, and orders; of electrical and electronic troubleshooting; of hydraulic pump maintenance and repair; of preventive maintenance methods and procedures; of mechanical and electrical systems, including wiring, operation, and repair; and industry safety standards and hazardous materials management.
- Skill in troubleshooting, diagnosing, and repairing electronic and mechanical components and systems; in using hand and power tools, equipment, and mechanical devices related to the trade; and in prioritizing workload, managing multiple tasks, and meeting deadlines.
- Ability to read and interpret color-coded electrical wiring diagrams; to follow, interpret, and enforce applicable developments, safety standards, practices, and procedures; to maintain aircraft maintenance log entries and other records of work performed; to communicate effectively; and to establish and maintain effective working relationships.

**Additional for Aircraft Inspector level II**

- Ability to serve as a lead worker providing direction to others.

**REGISTRATION, CERTIFICATION, OR LICENSURE**

Requires a current FAA Airframe Mechanic and Powerplant Mechanic License and FAA Inspection Authorization Certification.