

# AVIATION SAFETY INSPECTORS

FAA's Aviation Safety Inspectors (ASIs) administer, investigate and enforce safety regulations and standards for the production, operation, maintenance and modification of all aircraft flying today.

## ASIs work in four specialty areas:

### AVIONICS

Evaluate avionics technicians, training programs and repair facilities; investigate incidents; inspect aircraft and related equipment.

#### QUALIFICATIONS

Air carrier avionics inspectors must have experience in maintenance and repair of avionics systems on aircraft with takeoff weight of more than 12,500 pounds. General aviation avionics inspectors must have similar experience for aircraft with takeoff weight of 12,500 pounds or less.

### MANUFACTURING

Inspect aircraft, aircraft parts, avionics equipment and manufacturing facilities; issue production and original airworthiness certifications.

#### QUALIFICATIONS

Experience in quality control/quality assurance systems, methods and techniques in aircraft manufacturing, aircraft engines, propellers or class II products; must be able to determine if aircraft and related products meet the approved design criteria, or design criteria pending approval, and are in condition for safe operation. Experience in issuing, or managing programs leading to issuing, original airworthiness certificates or original expert airworthiness approvals for aircraft, aircraft engines, propellers, or class II products.

- You must be a U.S. Citizen and have a valid state driver's license.
- You must pass a security background investigation.
- You must possess a valid second-class FAA medical certificate and pass recurrent medical examinations. An initial drug screening is also required.

### MAINTENANCE

Evaluate aviation mechanics, facilities and training programs; inspect aircraft and related equipment for airworthiness.

#### QUALIFICATIONS

Air carrier maintenance inspectors must have experience in maintenance and repair of airframes, powerplants and systems of aircraft with takeoff weight of more than 12,500 pounds. General aviation airworthiness inspectors must have similar experience for aircraft with takeoff weight of 12,500 pounds or less.

### OPERATIONS

Evaluate airmen, training programs, equipment and facilities; investigate accidents and violations of major carriers.

#### QUALIFICATIONS

Air carrier operations inspectors must have a minimum of 1,500 total flight hours in multi-engine aircraft with takeoff weight of more than 12,500 pounds. General aviation operations inspectors must meet the same flight hours and experience requirements. All operations inspectors must have pilot experience and required certificates and ratings, such as airline transport and commercial pilot certificates.

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