

### Class Concept

This is work in the inspection, maintenance, modification, and repair of airframes, power plants and related systems for fixed wing and/or rotary aircraft. Positions conduct periodic major and minor inspections on aircraft, detect and analyze technical problems, and make the necessary repairs to other related systems. Work consists of a full range of journey level duties from major reciprocating and turbine engine overhauls and airframe repairs to the more routine brake and tire changes. Positions may act as a lead worker to instruct, train and supervise other mechanics or helpers.

### Recruitment Standards

#### Knowledge, Skills, and Abilities

- Considerable knowledge of the principles of operation and the maintenance and repair requirements of reciprocating and turbine aircraft engines and their related systems.
- Considerable knowledge of airframe construction, repair and rigging.
- Working knowledge of the tools, equipment and methods used in the inspection, maintenance and repair of aircraft.
- Working knowledge of Federal Aviation Administration rules and regulation concerning aircraft inspection and repair.
- Ability to troubleshoot technical problems and to plan and complete repairs.
- Ability to read and interpret technical manuals and bulletins, and to keep accurate records of work performed.
- Ability to use measuring instruments and tools used in aircraft repair.
- Ability to communicate effectively with other mechanics, engineers and pilots.

#### Minimum Education and Experience

Graduation from an FAA approved aviation maintenance technician school and one year of experience in aircraft inspection, maintenance and repair; or

High school or General Educational Development (GED) diploma and three years of related experience; or an equivalent combination of training and experience.

#### Necessary Special Requirements

Possession of valid Federal Aviation Administration Airframe and Powerplant license.

May require current certification by the EPA as a type I, II, III or Universal technician as required by CFR part 82, subpart F.