

STATE OF NEBRASKA CLASS SPECIFICATION  
**AIRCRAFT MECHANIC**

EST: 00/00 - REV: 10/10  
CLASS CODE: M84710

**DESCRIPTION:** Under general supervision, performs skilled work in the maintenance and repair of aircraft. Guidelines include manufacturer's manuals and FAA regulations; performs related work as assigned.

**EXAMPLES OF WORK:** (A position may not be assigned all the duties listed, nor do the listed examples include all the duties that may be assigned.)

Performs scheduled inspections following an inspection guide; replaces parts at scheduled intervals, checks tolerances of parts for replacement.

Conducts ground functional tests of all systems including turbine and piston engines, using test equipment.

Rigs and adjusts flight and fuel controls and related engine components prior to and during test flights.

Certifies inspections, maintenance and repairs to insure compliance with manufacturers manuals and FAA regulations.

Performs major modifications in accordance with FAA regulations.

Maintain aircraft support equipment.

Maintain spare parts inventory.

Updates and maintains aircraft records, forms and bulletins.

Provide technical cost data for budgeting.

Services aircraft by cleaning and refueling.

**KNOWLEDGE, SKILLS AND ABILITIES, AND SKILLS REQUIRED:** (Applicants will be screened for possession of these through written, oral, performance, and/or other evaluations.)

Knowledge of: aircraft mechanics/electronics/structures; fixed wiring and helicopter mechanics; basic mathematics, physics, chemistry, electronics, computer science and mechanical drawing; aircraft testing equipment; current FAA regulations.

Ability to: read, write and understand English; read and understand manuals, regulations, blueprints and wiring diagrams; diagnose and solve complex mechanical problems; operate test equipment; keep records of inspections; disassemble, assemble and overhaul components and engines.

**MINIMUM QUALIFICATIONS:**

Must be licensed as an Airframe and Power plant Mechanic and authorized aircraft inspector.

**SPECIAL NOTE:**

State agencies are responsible to evaluate each of their positions to determine the individual overtime eligibility status as required by the Fair Labor Standards Act (FLSA).