SERIES PURPOSE:
The purpose of the aircraft mechanic occupation is to perform skilled mechanical maintenance & repair on aircraft engines & other mechanical parts in order to assure continued safety & flight readiness of state aircraft.

At the lower level, incumbents perform aircraft & engine inspections, make repairs & alterations to aircraft &/or inspect completed work for compliance with regulations & certify airworthiness of aircraft & aircraft components.

At the higher level, incumbents supervise & inspect work of aircraft maintenance personnel & oversee aircraft ground support.

Note: This classification series is restricted for use by the Department of Transportation, Division of Aviation only.

<table>
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<tr>
<th>CLASS TITLE:</th>
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<tbody>
<tr>
<td>Aircraft Maintenance Technician</td>
<td>54221</td>
</tr>
<tr>
<td>EFFECTIVE DATE:</td>
<td>07/07/1996</td>
</tr>
</tbody>
</table>

CLASS CONCEPT:
The full performance level class works under direction & requires considerable knowledge of aircraft mechanics & skill in performing aircraft & engine inspections & mechanical repair, alterations & maintenance of aircraft in order to inspect, repair & maintain state aircraft & ground support equipment & complete work-related documentation, &/or inspect completed work for compliance with applicable regulations & certify airworthiness of aircraft & aircraft components.

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<td>Aircraft Maintenance Superintendent</td>
<td>54225</td>
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<td>EFFECTIVE DATE:</td>
<td>07/20/1997</td>
</tr>
</tbody>
</table>

CLASS CONCEPT:
The supervisory level class works under general direction & requires extensive knowledge of aircraft mechanics, federal & state regulations pertaining to aircraft mechanics & maintenance & skill in repair & maintenance of aircraft & ground support equipment in order to supervise aircraft mechanics, ensure repairs & maintenance are in compliance with regulations & certify required aircraft inspections.
CLASS TITLE: Aircraft Maintenance Technician

EFFECTIVE DATE: 07/07/1996

JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Performs aircraft & engine inspections, makes repairs & alterations to aircraft, performs maintenance in compliance with aviation regulations, performs operational checks in accordance with FAA (i.e., Federal Aviation Administration) regulations (e.g., performs engine diagnosis & operational checks), &/or inspects work for compliance with FAA regulations & certifies airworthiness of aircraft components.

Operates & maintains sophisticated technical aircraft precision testing, calibration, measuring, charging & balancing equipment & uses specialized machine tooling & hand tools.

Operates & maintains tugs, gas trucks & related ground support equipment (e.g., assists in refueling operations & grounds handling of aircraft; assists in grounds care & snow removal; repairs & makes alterations to equipment).

Prepares & maintains various work related documentation (e.g., maintains records regarding work performed such as maintenance & equipment reports, orders needed parts, maintains service manuals, files & logbooks) & performs work related miscellaneous tasks (e.g., researches aircraft records, status reports, service bulletins, airworthiness directives & flight schedules).

MAJOR WORKER CHARACTERISTICS:
Knowledge of aircraft mechanics & related safety practices; Federal Aviation Administration rules & regulations & agency policy & procedures regarding aircraft maintenance, operation & inspection; aircraft engine inspection procedures; arithmetic to include fractions decimals & percentages. Skill in performing aircraft repairs, alterations & maintenance; operation & maintenance of aircraft ground support equipment. Ability to understand system of aircraft mechanical procedures; maintain accurate records; prepare meaningful, concise & accurate reports; demonstrate physical dexterity.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:
Possess Airframe & Powerplant Mechanic Certificate issued by Federal Aviation Administration; completion of accredited aviation maintenance technology degree program; 3 yrs. exp. in aircraft maintenance operations; 9 mos. exp. in operation & maintenance of ground support equipment. In addition to the preceding, technicians certifying airworthiness of aircraft must also possess Inspection Authorization Certificate.

-Or equivalent of Minimum Class Qualifications For Employment noted above may be substituted for the experience required, but not for the mandated certificate.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:
If applicable, Inspection Authorization Certificate must be renewed annually.

UNUSUAL WORKING CONDITIONS:
Exposed to noise, odors & dust; exposed to hazardous materials; may require overnight travel; may work weekends &/or rotating shifts.
**CLASS TITLE:** Aircraft Maintenance Superintendent  
**CLASS NUMBER:** 54225  
**BARGAINING UNIT:** EX  

**EFFECTIVE DATE:** 07/20/1997

**JOB DUTIES IN ORDER OF IMPORTANCE:** (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Performs &/or certifies required aircraft inspections (e.g., annual & periodic), inspects work to ensure compliance with Federal Aviation Administration regulations, participates in all phases of aircraft maintenance including resolution of problems & supervises & trains lower-level aircraft mechanics & support personnel.

Oversees & performs preparation & maintenance of work related documentation (e.g., prepares aircraft work orders & parts inventories & maintains inventory control; keeps maintenance records regarding direct & indirect flight costs, maintains man-hour accounting documentation & records of flying time & gas & oil used; orders & requisitions aircrafts parts).

Supervises ground services support to aircraft (e.g., operation & maintenance of equipment such as tugs & trucks), operates & maintains &/or oversees use of shop equipment (e.g., sanders, plug cleaner, electric & gas welder, tire balance equipment) & performs work related miscellaneous tasks (e.g., participates in liaison-type tasks with other state agencies regarding aircraft & operations).

**MAJOR WORKER CHARACTERISTICS:**
Knowledge of supervisory principles/techniques*; general management*; employee training & development; aircraft mechanics & related safety practices; Federal Aviation Administration rules & regulations & agency policy & procedures regarding aircraft maintenance, operation & inspection; arithmetic to include fractions, decimals & percentages; inventory control*. Skill in aircraft mechanics & related safety practices; operation & maintenance of aircraft related & ground support equipment. Ability to understand system of aircraft mechanical procedures; define problems, collect data, establish facts & draw valid conclusions; understand manuals & verbal instructions, technical in nature; analyze & correct technical problems; prepare meaningful, concise & accurate reports; demonstrate physical dexterity.

(*)Developed after employment.

**MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:**
Possess Airframe & Powerplant Mechanic Certificate & Inspection Authorization Certificate issued by Federal Aviation Administration; completion of accredited aviation maintenance technology degree program; 42 mos. exp. in aircraft maintenance operations; 9 mos. exp. in operation & maintenance of ground support equipment; 6 mos. trg. or 6 mos. exp. in supervisory principles/techniques or 6 mos. exp. in lead worker capacity in aircraft maintenance.

-Or 6 mos. exp. as Aircraft Maintenance Technician, 54221; possess Inspection Authorization Certificate.

-Or equivalent of Minimum Class Qualifications For Employment noted above may be substituted for the experience, but not for the mandated certificate.

**TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:**
Inspection Authorization Certificate must be renewed annually.

**UNUSUAL WORKING CONDITIONS:**
May be exposed to fumes & noise.