

**STATE OF OHIO (DAS)**CLASSIFICATION  
SPECIFICATION**CLASSIFICATION SERIES:**

Aircraft Maintenance

**SERIES NO.:**

5422

**MAJOR AGENCIES:**

Transportation Only

**EFFECTIVE DATE:****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.

**CLASS TITLE:**

Aircraft Maintenance Technician

**CLASS NUMBER:**

54221

**EFFECTIVE DATE:**

07/07/1996

**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.

**CLASS TITLE:**

Aircraft Maintenance Superintendent

**CLASS NUMBER:**

54225

**EFFECTIVE DATE:**

07/20/1997

**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.

<b>CLASS TITLE:</b> Aircraft Maintenance Technician	<b>CLASS NUMBER:</b> 54221	<b>BARGAINING UNIT:</b> 06
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**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.

<b>CLASS TITLE:</b> Aircraft Maintenance Superintendent	<b>CLASS NUMBER:</b> 54225	<b>BARGAINING UNIT:</b> EX
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**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.