



Office of Human Resources  
Airport Field Technician Lead – CJ3497  
THIS IS A PUBLIC DOCUMENT

### General Statement of Duties

Performs full performance journey level work and permanently assigned lead work over Airport Maintenance works and Airport Field technicians engaged in construction, maintenance, and repair work on a wide variety of linear assets and federally regulated airport surfaces with a focus on asphalt, concrete, and earthwork large, complex, or difficult projects.

### Distinguishing Characteristics

The Airport Field Technician series is a classification with progressive levels of experience and responsibility. The employees in this series (located at Denver International Airport) operate in the Federal Aviation Administration (FAA), Air Operations Area (AOA) which requires additional levels of security background checks and airfield driving certifications. Additionally, employees in this series perform maintenance services that must meet the unique compliance requirements of federal rules, regulations, and policies associated with airfield maintenance such as CFR Part 139 and FAA Advisory Circular 150/5380-6C.

The Airport Field Technician Lead performs permanently assigned lead work and assigned lead work over the Level I and Level II Airport Field Technicians. It is distinguished from the Airport Field Technicians I and II that perform entry level to full performance journey level work.

This classification has responsibility to ensure the safety and security of the airport under Title 49 CFR Part 1542 which include but are not limited to: submitting to fingerprint-based criminal history records checks (CHRC), successfully pass annual TSA-approved security training, exercise authority to escort individuals who do not have unescorted access to secure/sterile areas, identify and challenge individuals without appropriate credentials and identify and report suspicious activity to proper authorities.

### Essential Duties

Performs lead work over paving operations in a wide variety of applications to include multi-lane roadways, taxiway shoulders, runway shoulders, and parking lots. Troubleshoots, diagnoses, and resolves problems related to pavement quality and the paving process.

Performs lead work over advanced installation and analyzation of concrete curb and gutter, full panel installations, spall rehabilitations, and foundation work. Quality control and diagnose problems throughout the mixing process, placement of concrete, and uses advanced finishing techniques.

Manages and tracks assigned work orders for maintenance and maintains documentation, records, and reports through computerized maintenance management system.

Trains employees in the day-to-day procedures of the work unit and mastery of individual knowledge, skills, and abilities essential to work tasks.

Develops or modifies work plans, methods, and procedures; determines work priorities and develops work schedules to provide adequate staff coverage. Provides work instruction and assists employees with difficult and/or unusual assignments. Assigns and distributes work assignments, reviews work for accuracy and completeness and returns assignments with recommendations for proper completion.

Troubleshoots, installs, and monitors ADA compliant pavement surfaces.

Sets grade and reads grade stakes for roadway maintenance, earthwork, and construction. Interprets blueprints to excavate, backfill, and shores trenches for electrical and plumbing installations.

Responds to field service calls to troubleshoot, diagnose, and determine necessary actions to complete.

Leads airfield snow removal duties and operates large, complex specialized industrial equipment in accordance with the nature of the work and the efficiency of airport specific multifunctional snow removal equipment.

Responds to grievances and relays information to the supervisor.

Documents situations that may be cause for disciplinary action and provides this information to the supervisor.

Resolves problems encountered during daily operations and determines appropriate solutions.

Monitors and observes common maintenance safety standards.

Prepares and maintains documentation, records, and reports to identify vehicle accident damage and needed repairs.

Responds to airfield emergencies, playing a crucial role in escorting ambulances, fire rescue vehicles, buses, and other first responders during airport emergencies in support of the emergency response plan. Transports emergency response trailers to the scene and assists with the command-site setup.

Responds to after-hours calls or emergency calls outside of normal scheduled or business hours.

Performs other related duties as assigned.

Employees may be re-deployed to work in other capacities in their own agencies or in other City agencies to support core functions of the City during a City-wide emergency declared by the mayor.

Any one position may not include all the duties listed. However, the allocation of positions will be determined by the amount of time spent in performing the essential duties listed above.

## Competencies

**Attention of Detail** – Is thorough when performing work and conscientious about attending to detail.

**Critical Thinking** — Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.

**Decision Making** – Makes sound, well informed, and objective decisions, perceives the impact and implications of decisions, commits to action, even in uncertain situations, to accomplish organizational goals, causes change.

**Interpersonal Skills** - Shows understanding, friendliness, courtesy, tact, empathy, cooperation, concern, and politeness to others and relates well to different people from varied backgrounds and different situations.

**Oral Communication** – Expresses information to individuals or groups effectively; taking into account the audience and nature of the information; makes clear and convincing oral presentations; listens to others, attends to nonverbal cues, and responds appropriately.

**Problem Solving**- Identifies and analyzes problems; uses sound reasoning to arrive at conclusions; finds alternative solutions to complex problems; distinguishes between relevant and irrelevant information to make logical judgments.

Reading – Understands and interprets written material including technical material, rules, regulations, instructions, reports, charts, graphs, or tables and applies what is learned from written material to specific situations.

Interpersonal Skills – Shows understanding, friendliness, courtesy, tact, empathy, cooperation, concern, and politeness to others and relates well to different people from varied backgrounds and different situations.

Self-Management – Sets well-defined and realistic personal goals; displays a high level of initiative, effort, and commitment towards completing assignments in a timely manner; motivated to achieve; demonstrates responsible behavior.

### **Knowledge & Skills**

Knowledge of CFR Part 139 rules/regulations and FAA Advisory Circulars.  
Knowledge of the airfield layout.  
Knowledge of radio etiquette and FAA radio procedures.  
Knowledge of airport emergency response procedures.  
Knowledge of machines and tools including their designs, installation, uses, repair, and maintenance.  
Knowledge of materials, methods, and the appropriate tools to construct pavement and earthwork.  
Knowledge of hazardous materials and waste and their uses, interactions, dangers, production, handling, storage, and disposal.  
Knowledge of procedures for operating motor vehicles including cars, trucks, or equipment.  
Knowledge of motor vehicle engines, parts, and systems including their designs, uses, repair, and maintenance.  
Knowledge of safety hazards and necessary safety precautions sufficient to be able to establish a safe work environment for self and others.  
Knowledge of Field SOPs  
Knowledge of Maximo  
Knowledge of Workday  
Knowledge of Veoci

### **Level of Supervision Exercised**

Performs regularly assigned lead work over team to complete tasks independently with supervisor approval.

### **Education Requirement**

Graduation from high school or possession of a GED, HiSET or TASC Certificate.

### **Experience Requirement**

Three (3) years of experience performing a variety of duties in construction, asphalt, concrete, and earthwork at an airport.

Three (3) years of airfield snow removal experience and/or experience operating heavy equipment.

### **Education and Experience Equivalency**

A combination of appropriate education and experience may be substituted for the minimum education and experience requirements.

### **Licensure and/or Certification**

By position, requires a valid Commercial Driver's License (CDL "A") with appropriate endorsements at time of application.

Requires a valid Commercial Driver's License (CDL "B") at time of application.

Required to obtain and maintain a current DOT physical certification.

Required to obtain and maintain an Airport ID badge and Movement driving privileges.

Flagger certification is required at the time of application or within six months of probation.

Licenses and certifications must be kept current as a condition of employment.

### **Working Environment**

Atmospheric Conditions: conditions that affect the skin, eyes, or respiratory system.

Potential exposure to cement dust.

Potential exposure to chemicals, gas

Potential exposure to cold temperature, cold enough to cause bodily discomfort.

Potential exposure to cold weather conditions (indoor/outdoor)

Potential exposure to conditions that affect the skin or respiratory system.

Potential exposure to extreme temperature changes.

Potential exposure to hazardous anesthetic agents, body fluids, and bio-wastes.

Potential exposure to hazardous conditions where there is a danger to life, body, and/or health.

Potential exposure to hazardous/toxic chemicals.

Potential exposure to hazards from electro/mechanical/power equipment.

Potential exposure to hazards of steam and heat.

Potential exposure to heat temperatures, hot enough to cause bodily discomfort.

Potential exposure to hot and humid work environment.

Potential exposure to humid conditions with high moisture content to cause bodily reactions.

Potential exposure to infections and contagious diseases.

Potential exposure to odorous chemicals.

Potential exposure to the risk of blood borne diseases.

Potential exposure to temperature changes: variations in temperature from hot too cold

Potential exposure to toxic chemicals.

Handles emergency or crisis situations.

Noise sufficient to cause distraction or possible hearing loss.

Personal Safety: aware of surroundings, people, and events Pressure due to multiple calls and inquiries.

Subject to electrical and radiant energy hazards Subject to hazards of flammable or explosive gases

Subject to injury from moving parts of equipment or vehicles Subject to precarious or high locations.

Subject to pressure for multiple calls, inquiries, and interruptions.

Subject to varying and unpredictable situations.

Subject to vibrations and strain on the body to cause bodily harm if endured daily.

Temperature Changes: variations in temperature from hot too cold.

Temperature Changes: variations in temperatures from hot too cold when working in field.

Wet: frequent contact with water, liquid, chemicals, or sanitary sewage.

Works in confined, uncomfortable, or awkward locations Works in precarious or high locations.

### **Level of Physical Demands**

3-Medium (20 - 50 lbs.)

### **Physical Demands**

Agility: Ability to move quickly and easily.

Animal Observation: Ability to perceive animal behavior, comprehend signs, and detect color.

Balancing: Maintaining equilibrium.

Carrying: Transporting or moving an object.

Climbing: Ascending or descending an object or ladder.

Color vision: Ability to distinguish and identify different colors.

Crawling: Moving about in a low or crouched position.

Crouching: Positioning body downward and forward.

Depth Perception: Ability to judge distances and space relationships.

Driving: Ability to operate a motor vehicle in varied weather conditions and maneuver among aircraft and ground support equipment.

Driving: Operating a vehicle for long periods of time and in adverse weather conditions affecting visibility.

Eye/Hand/Foot Coordination: Performing work through using two or more body parts or other devices.

Feeling: Perceiving attributes of objects by means of skin receptors, communication, or otherwise.

Field of Vision: Ability to sharply detect or perceive objects peripherally.

Fine Dexterity: Sufficient coordination to operate a vehicle and manipulate objects.

Fingering: Picking and pinching, through use of fingers or otherwise.

Handling: Seizing, holding, grasping, through use of hands, fingers, or other means.

Hazards: Conditions where there is danger to life, body, and/or health.

Hearing/Talking: Perceiving and comprehending the nature and direction of sounds/ability to communicate ideas.

Kneeling: Assuming a lowered position.

Lifting: Moving objects weighing no more than 20 pounds from one level to another.

Oral Comprehension: Ability to discern the meaning of oral speech.

Physical Strength: Exerts force to transport objects of 50 pounds [or insert appropriate weight] or more.

Pulling: Exerting force upon an object so that it is moving to the person.

Pushing: Exerting force upon an object so that it moves away from the person.

Pushing/Pulling: Transport and control traps and cages, animal foods, equipment.

Reaching: Extending the hands and arms or other device in any direction.

Repetitive motions: Making frequent or continuous movements.

Stamina: Ability to work over long periods of time without tiring.

Standing: Remaining in a stationary position.

Stooping: Positioning oneself low to the ground.

Talking: Communicating ideas or exchanging information.

Vision: Ability to perceive animal behavior, comprehend signs, and detect color.

Vision Far Acuity: Ability to perceive or detect objects clearly at 20 feet or more.

Vision Near Acuity: Ability to perceive or detect objects at 20 inches or less.

Walking: Ability to move or traverse from one location to another.

Written Comprehension: Ability to discern the meaning of written words.

### **Background Check Requirement**

Criminal Check

Employment Verification

Motor Vehicle Record

Security Threat Assessments (STA) inquiries

### **Assessment Requirement**

None

### **Probation Period**

Six (6) months.

**Class Detail**

**Pay Grade: NE-15**

**FLSA Code: N**

**Established Date: 10/27/2024**

**Established By: AOF**

**Revised Date:**

**Revised By:**

**Class History: New classification.**