

COUNTY OF SOLANO
AIRPORT MAINTENANCE WORKER

Rev. 11/06

DEFINITION

Under direction, performs maintenance and repair work in the care of airport facilities, grounds and equipment, fuels aircraft, and performs related duties as required.

CLASS CHARACTERISTICS

This class performs a variety of maintenance and grounds keeping tasks around the Solano County Nut Tree Airport, including facility repairs, grounds maintenance, equipment repairs, and the fueling of aircraft. The majority of the work is routine in nature however, this class requires the incumbent to work with a high degree of independence without constant supervision.

EXAMPLES OF DUTIES

Duties may include but are not limited to the following:

Patrols airport in a vehicle or on foot in all kinds of weather to inventory parked aircraft, inspect and maintain airport facilities and equipment to insure safe and efficient operation involving airfield pavements, markings, lighting (check/replace/calibrate as needed), obstructions, and aircraft parking accommodations.

Performs minor tune-ups and other routine preventative maintenance of equipment and facilities; operates a variety of small hand and power tools and grounds maintenance equipment such as sprayers, fertilizers, sweepers, mowers, tractors, bushhog, front end loader, pickup and dump trucks.

Maintains airport grounds and landscaped areas; mows airport lawns and fields using push rider mower or tractor; may mix and apply a variety of chemicals for weed, insect and rodent control; plants, waters and prunes trees and shrubs; installs and maintains irrigation systems; sweeps runways and taxiways of dirt and rocks as needed.

Performs routine building maintenance work such as minor plumbing, electrical and mechanical work and general custodial duties in the care of airport facilities; paints signs, taxiways and other facilities; repairs and installs fencing; adjust and lubricate hanger doors; collects garbage and litter using bags and a vehicle.

Fuels various types of aircraft including helicopters, propeller-driven and jet aircraft; operates mobile fueling trucks within the airport property to fuel aircraft involved in both general aviation and commercial use; performs daily inspections, testing, and documentation of fuel quality and equipment to ensure the safety of fueling operations and reorders fuel as directed.

Patrols airport to ensure compliance with federal aviation regulations, airport ordinances, uniform fire codes, airport policies and other related operational/safety/security requirements to include observing and reporting any improper, illegal or hazardous activities or conditions to proper authorities.

Assists in maintaining equipment, materials and supply inventory; picks up and restocks supplies; maintains written daily activity log; prepares written incident reports when necessary.

Assists with stormwater monitoring and reporting.

Performs related duties as assigned.

QUALIFICATION GUIDELINES

EDUCATION AND/OR EXPERIENCE

Any combination of experience, education and training which demonstrates possession of and competency in requisite knowledge, skills and abilities.

Typical qualifying experience may include one year of experience in building and grounds maintenance, including experience related to airport operations.

Preferably, airport experience will consist of fueling aircraft; reading meters and gauges; calculating costs; keeping accurate records; maintaining building and grounds.

KNOWLEDGE/SKILLS/ABILITIES

Considerable knowledge of safe and proper operations and maintenance of tools and equipment used at the airport.

Working knowledge of planting techniques and care of plants, flowers and shrubs; effective irrigation systems; available resources to procure technical assistance in maintenance emergencies or from which materials or labor may be obtained; general aviation, aircraft and airport operations; Airport Operations Manual, deferral aviation regulations, airport ordinances, uniform fire codes, airport policy and other related operational/safety/security regulations.

Skill in driving a truck with either an automatic or standard transmission; proper and safe operation of a tractor with front end loader and riding lawn mower.

Ability to properly care for landscaped areas, roadways, runways, drainage systems; properly and safely operate irrigation systems, mowing equipment, hand and power tools used in gardening and light construction; understand and follow oral directions and complete work with minimal supervision; use chemicals encountered in gardening, light construction and custodial work properly and safely; make minor repairs and calibrate airport lighting; write and speak

clearly; maintain an inventory; complete assignments correctly and on time; observe and remember incidents, lift lawn mower, change blades and oil on the mowers; lift and carry heavy posts, garbage bags and items used in maintenance and construction; exhibit hand-eye coordination needed to operate a variety of hand and power tools; make routine arithmetical calculations; demonstrate tact and diplomacy; establish and maintain cooperative working relationships.

SPECIAL REQUIREMENTS

Possession of a valid California Class C driver's license is required.

Possession of or ability to obtain a valid Chemical Applicator License.

SUPPLEMENTAL INFORMATION

Incumbent must work outdoors in all types of weather conditions.

Incumbent may be required to lift objects weighing up to 50 pounds; may include working with the full range of body movements involving reaching, bending, grasping and climbing.

May be required to work outside of normal business hours.

Donald W. Turko
Director of Human Resources

Established Date: September 1987
CSC Date: November 9, 2006

APPROVED

11/8, 20 06

Solano County
Civil Service Commission