

HELICOPTER PILOT, 3560

Summary of Duties : Operates City-owned helicopters to complete various utility and transportation requirements during daylight and nighttime hours; transport external loads; makes roof-top landings and takeoffs; or assigns, schedules, and coordinates the work of employees engaged in such work; and does related work.

Distinguishing Features : A Helicopter Pilot is responsible for assuring that assigned helicopters are in a safe condition before takeoff. An employee of this class is also responsible for the safe operation of the helicopter while transporting City officials and other employees performing aerial photography, lifting or transporting external loads, and making aerial observations in various locations. Improper operation of a helicopter can result in destruction of property and serious injury or loss of life to pilot and passenger. A Helicopter Pilot operates helicopters mainly to facilitate the movement of construction personnel and equipment to and from inaccessible areas. An employee of this class is required to transport either fixed or sling-type external loads of various materials.

Examples of Duties : Operates a City-owned helicopter to transport City employees for aerial observations of terrain, conditions in connection with civil and traffic engineering work, and inspections of public facilities and works to determine extent and needed corrective action as a result of mud slides and other storm damages, to ascertain emergency measures necessitated by disasters, and for other aerial observation purposes required to conduct City business efficiently; transports City employees making aerial photographs and holds the helicopter at correct angles to facilitate such work, as directed by passengers; operates helicopter in confined areas, over ocean, mountains, desert, and metropolitan areas according to the flight requirements of the passengers; makes rooftop landings and takeoffs at the central City Hall and other municipal buildings with roof heliports; and transports a variety of construction and other materials by internal or external loads.

Makes daily preflight checks, as prescribed for the make and type of helicopter in use, to assure that the helicopter is in working order and safe to operate; reports mechanical and other defects to helicopter repair personnel; makes maintenance test flights of equipment and makes practice and training flights to maintain proficiency in skills critical to a pilot in flight operations; and keeps accurate logbooks according to the Federal Aviation Agency regulations.

Qualifications : A good knowledge of the pertinent sections of Parts 61, 91 and 133 of the Federal Aviation Agency Regulations; a good knowledge of the capabilities and limitations of helicopter

performance under various load and weather conditions; a good knowledge of the special requirements and precautions for flights over heavily populated, ocean, mountain and desert area; a good knowledge of helicopter flight maneuvers and operation in confined areas; a good knowledge of proper preflight checks of helicopters; and a good knowledge of proper flight patterns and procedures. The ability to do routine maintenance work and make minor emergency repairs to helicopters and auxiliary equipment; the ability to recognize special problems and emergencies in the handling of helicopters and to make decisions quickly; the ability to interpret regulations and policies and apply them to a variety of situations; and the ability to deal tactfully and effectively with City employees and officials.

Completion of 1,500 helicopter flight hours, 500 hours of which is in turbine class helicopters, is required for Helicopter Pilot.

Licenses : A current commercial pilots certificate with rotorcraft category and helicopter class rating issued by the Federal Aviation Administration; a current Class 1 or Class II Federal Aviation Administration Medical Certificate; and a U.S. Forest Service flight certification are required prior to appointment.

Physical Requirements : Strength to do average lifting up to 15 pounds and occasionally over 25 pounds; physical stamina, body equilibrium, and arm and hand dexterity required to operate a helicopter; a good speaking and hearing ability; and good eyesight, including normal depth and color perception. Employees of this class must complete and pass a Class 2 Federal Aviation Agency medical examination each year.

Persons with medical limitations may, with reasonable accommodations, be capable of performing the duties of some of the positions in this class. Such determination must be made on an individual basis in light of the person's limitations, the requirements of the position, and the appointing authority's ability to effect reasonable accommodations to the person's limitations.

As provided in Civil Service Commission Rule 2.5 and Section 4.55 of the Administrative Code, this specification is descriptive, explanatory and not restrictive. It is not intended to declare what all of the duties and responsibilities of any position shall be.