



CITY OF HOUSTON

JOB DESCRIPTION

Job Code: 922.1

Job Title: **AIRCRAFT MECHANIC**

Pay Grade: 18

GENERAL SUMMARY:

Services, repairs and overhauls aircraft and aircraft engines to ensure proper functioning and maintenance of aviation equipment.

RESPONSIBILITIES:

- Conducts various inspections on a variety of helicopters and engines.
- Rebuilds helicopters damaged by flight crashes or environmental hazards.
- Disassembles, repairs, or replaces components in helicopter body or engine:
 - Main rotor blades
 - Head drive shaft
 - Power train
- Adjusts all equipment before and after test flight procedures are performed.
- Maintains records of repair work, parts replacement, and routine maintenance.

SPECIFICATIONS:

KNOWLEDGE:

An Associate's degree or certification in aviation maintenance management or a closely related field is required. Considerable knowledge of helicopter structures, systems and engines is required.

Licenses:

FAA Airframe and Power Plant License is required.

FAA Aircraft and Inspection License is optional; required for inspection pay.

EXPERIENCE:

Two years of experience in helicopter and aircraft repair are required.

COMPLEXITY:

Work is somewhat complex and varied, and may require the simple interpretation of technical and detailed guidelines, policies and procedures.

IMPACT OF ACTIONS:

Errors in work cause some expense and inconvenience. Work is typically performed under moderate supervision and within standard operating procedures. The incumbent occasionally can function autonomously, with the supervisor available to answer questions as they arise.

SPECIFICATIONS: (continued)

SUPERVISION EXERCISED:

Direct Supervision:

No direct report employees.

Indirect Supervision:

No indirect reports.

CONTACTS:

Internal Contacts:

Level of internal contact is primarily with the clerical and technical staffs. Interaction involves routine information exchange and/or simple service activity requiring common courtesy; e.g., answering questions, giving directions in response to simple requests.

External Contacts:

Level of external contact is primarily with lower-level service representatives and vendors. Interaction involves information exchange and/or simple service activity requiring moderate tact and cooperation.

PHYSICAL EFFORT:

The position involves considerable physical exertion, such as regular climbing of ladders, lifting of heavy objects (up to 80 pounds) on a highly frequent basis and/or assuming awkward positions for long periods of time.

WORK ENVIRONMENT:

There are routine exposures to significant levels of heat, cold, moisture and air pollution. The position may involve periodic exposure to chemical substances and physical trauma of a minor nature such as cuts, bruises and minor burns.

PHYSICAL SKILL:

Requires the ability to make closely coordinated eye/hand movements within very fine tolerance and/or calibration demands; or the ability to make rapid closely coordinated eye/hand movements on a patterned response space within somewhat fine tolerance demands; or the ability to make coordinated eye/hand movements within fine tolerances with large equipment as an extension of the worker.

MISCELLANEOUS:

All duties and responsibilities may not be included in the above job description.

JOB FAMILY:

Aircraft Mechanic

Senior Aircraft Mechanic

Effective: October 1990

Revised: March 1997