

The Maryland-National Capital Park and Planning Commission

TITLE: Aircraft Mechanic **GRADE:** T04 **CODE:** 5750
SERIES: Equipment Repairs and Operation **DATE:** 1/13/88

Class Definition

Under direction, performs skilled mechanics work, involving considerable responsibility, complexity and variety. Inspects, maintains and repairs all types of private aircraft (e.g., turboprops, helicopters) up to 8,500 pounds at the College Park Airport. Directs activities of temporary and part-time mechanics on major repair jobs. Performs general servicing of aircraft. Performs other related duties as assigned.

Examples of Important Duties

1. Performs oral and written work orders for mechanical repair work. Reviews technical manuals. Contacts owners to obtain information on past maintenance and repairs. Estimates tools, equipment and parts needed for each assignment. Orders parts through supervisor.
2. Conducts inspections. Conducts annual, 100-hour and special inspections of aircraft (airframes and powerplants) to certify that aircraft is legal and safe to fly, as required by Federal Aviation Administration. Identifies maintenance and repairs needed. Issues certificates.
3. Performs repairs. Makes major repairs to all types of aircraft (e.g., turboprops, helicopters) up to 8,500 pounds. Rebuilds or replaces engines, wings, fuselage, tail assembly, landing gear, control cables, propeller assembly, electrical systems and fuel tanks. Installs instruments. Replaces parts. Conducts ground tests of aircraft to check operation.
4. Performs maintenance. Performs regular preventive maintenance on all types of aircraft (e.g., turboprops, helicopters) up to 8,500 pounds. Changes oil, filters and fluids. Lubricates moving parts. Replaces or charges batteries. Adjusts brakes. Inflates and changes tires. Tunes up engine (e.g., replaces ignition points and spark plugs, adjusts carburetor and timing).
5. May lead a crew. Assigns and checks work of part-time and temporary mechanics on major repair jobs. Gives instruction on proper procedures and safety.
6. Keeps records. Maintains detailed records of materials used, work time and tasks completed on each aircraft serviced. Records work performed, name and license plate number in

