

CLASSIFICATION SPECIFICATION

FLSA:	NEXP	Job Code:	ACV34800
Job Class Code:	810	Salary Schedule:	AREG
EEO Category:	07	Grade:	20
Workers Comp Code:	8380		

Job Code Established:	05/23/95	Effective Date:	
Job Code Revised:		Effective Date:	

JOB CODE SERIES: Aircraft Mechanic Series

JOB CODE TITLE: AIRCRAFT MECHANIC II

HRIS TITLE: AIRCRAFT MECHANIC II

WORK DESCRIPTION: Supervises all aspects of the aircraft maintenance operations including subordinate personnel and facility. Prepares cost estimates and formulates budget projections. Disassembles, overhauls, and rebuilds various aircraft systems and components. Designs, fabricates, installs and tests specialized aircraft modifications. Performs general aircraft maintenance to include 25-, 50-, and 100-hour and annual inspections, engine repair and replacement, and airframe repair; schedules aircraft maintenance, making appropriate entries in the aircraft logbooks, writes service orders.

WORK ACTIVITIES: Supervises The Department's Aircraft Maintenance Program. Designs, Fabricates, Installs, And Tests Specialized Aircraft Modifications. Repairs, Repaints, And Refinishes Aircraft As Necessary. Inspects, Cleans, Removes, Disassembles, Overhauls And/Or Rebuilds And Repairs Aircraft Components. Performs Non-Flight Operation To Move, Service, Test, And Secure Aircraft. Removes And Installs Instruments. Checks Quantity Of Fuels And Oils Relative To Maintenance Requirements. Rides With Pilots In Aircraft To Observe And Record Findings Of Test Flights. Completes Preflight Inspections As Required By Manufacturers; Completes 25-, 50-, And 100-Hour And Annual Inspections And Other Inspections As Required. Approves And Returns Aircraft To Service After Repairs And/Or Modifications. Keeps Maintenance Logs And Other Records As Required By The Faa, Manufacturer, And/Or The Department. Schedules The Servicing, Repairing, And Modifications On Aircraft, To Ensure Airworthiness. Uses Various Types Of Test Equipment As Necessary To Perform Aircraft Maintenance. Adjusts, Repairs, And Fabricates Electrical Wiring Systems And Aircraft Accessories And Instruments. Rigs And Adjusts Subsystems Such As Fuel Linkage And Flight Controls. Contacts Vendors, Travels To Pick Up Parts And Supplies, And Maintains Sufficient Inventory To Meet Anticipated Needs. Maintains, Cleans, And Repairs The Aircraft Hangar Facility As Required. Monitors All Personnel In The Area Of Operating Aircraft To Maintain A Safe Operating Condition. Repairs aircraft away from normal base due to emergency landing or other unusual circumstances. Travels in and out of state to evaluate aircraft and related equipment for purchase. Prepares the technical portions of bids and proposals relating to aircraft maintenance. Performs related work as required.

WORK CONDITIONS: May require lifting 70 pounds or more occasionally and other strenuous work. May require extensive exposure to lubricants, hydraulic fluid, dirt, chemical fumes and aviation fuel exhaust fumes. Will require exposure to temperature extremes working in a maintenance facility that is not climate controlled.

SUPERVISION: Works under general direction of the Wildlife Aircraft Operations Supervisor; works with minimal instruction and guidance.

WORK RESULTS/PRODUCTS: Effective supervision of repairs, modifications, maintenance, and inspections in time allowed. Safe, operable aircraft fleet which meets all applicable FAA regulations and procedures with minimal down time. Aircraft successfully and safely modified in order to carry out specialized Department missions. A well maintained inventory of aircraft parts and supplies. Hangar and related facilities which are clean and safe and meet all applicable standards. Completed aircraft maintenance records and aircraft logbooks. Accurate budget projections.

RESPONSIBILITY: For supervising aircraft maintenance personnel; for maintaining aircraft and maintenance facility in accordance with all Department and FAA rules and regulations; for maintaining adequate aircraft tools, equipment, and parts inventory, for preparing budgets.

AUTHORITY: To hire and supervise subordinate aircraft maintenance personnel. To schedule and perform aircraft maintenance inspections and repairs. To ground aircraft due to maintenance problems. To make purchases up to \$1,000.

KNOWLEDGE, SKILLS AND ABILITIES

Knowledge of: Aerodynamics as relates to design and construction of modifications; Principles of supervision; Aircraft electronics and avionics. Budget preparation and budget process; Inspecting aircraft, locating and diagnosing mechanical, electrical, hydraulic, structural, and other trouble areas; Maintaining, repairing, overhauling, and/or rebuilding components, airframes, accessories, and engines; Aircraft operating procedures; Occupational hazards involved in shop and field aircraft maintenance and repair and appropriate safety precautions; Federal Aviation Administration (FAA) regulations concerning inspection, maintenance, repair, and modification of aircraft; Welding and brazing procedures for airplane repair and modifications.

Skill/Ability to: Supervision; Computer usage; Use of tools, equipment, materials, and methods of the aircraft mechanic trade; Interpretation of mechanical, electrical and schematic diagrams and complex technical instructions; Troubleshooting aircraft maintenance discrepancies observed or as noted by pilots; Interpersonal communications.