

STATE OF ALASKA

DEPARTMENT/DIVISION: Public Safety/Alaska Wildlife Troopers	PCN: 12-3208
JOB CLASS/TITLE: PL0223/Mechanic Aircraft Advanced Journey/Lead	WHEN POSITION IS NEEDED: ASAP
WAGE GRADE: 53	PAY WAGE: \$ 23.37+DOE
CITY LOCATION: Anchorage	
PRE-EMPLOYMENT BACKGROUND <input checked="" type="checkbox"/> YES / <input type="checkbox"/> NO	FIREARMS REQUIRED: <input checked="" type="checkbox"/> YES / <input type="checkbox"/> NO

JOB DESCRIPTION:

Knowledge of the following in order to adhere to airworthiness and safety standards:

- Avionics
- FAA regulations, air worthiness directives and aircraft type certification
- Scope and detail of FAR 43 appendix D
- Scope and detail of manufacturer inspection check list
- Laws, rules, codes, and regulatory guides used in making modifications
- Aircraft instrumentation
- Air systems
- Vacuum and pressure systems
- De-icing
- Landing gear (skis, floats, wheels)
- Propellers
- Rotor systems
- Airframe, including dope and fabric repair, paint and refinishing materials and process
- De-icing equipment
- Sheet metal layout and fabrication
- Types of corrosion and corrosion control methods
- Non Destructive Testing (NDT) techniques

Ability to:

- Read and create schematics and diagrams
- Design and build modifications for existing systems
- Incorporate modifications into existing systems
- Make repairs to propeller assemblies
- Make repairs to rotor systems
- Prioritize inspection steps
- Properly lay out, cut, shape, and fasten sheet metal to airframe
- Select and properly operate diagnostic equipment
- Describe in written format, modifications performed

Skill in:

- Making technical inspections to identify potential problems
- Forming and riveting sheet metal
- Making fine adjustments (e.g., timing, synchronization, and control settings)
- Manual dexterity to sew wing fabric materials and rib stitching

Inspects, services, repairs DPS aircraft in accordance to manufacturer's specifications and FAA standards.

SPECIAL REQUIREMENTS:

Alaska Driver License, FAA Airframe and Powerplant Technician License, Current FAA Inspection Authorization, First Aide and Automated External Defibrillator certificates. Federal Aviation Regulation Section 65.95 paragraph a2.

THIS POSITION REQUIRES THE INCUMBENT TO OPERATE:

Experienced with: Piper PA-18, Cessna 100 & 200 series, Turbine and Reciprocating engine-helicopter, turbine and reciprocating engine-fixed wing

TYPE OF POSITION

<input checked="" type="checkbox"/>	Permanent Full-Time	<input type="checkbox"/>	Permanent Full-Time Seasonal
<input type="checkbox"/>	Permanent Part-Time	<input type="checkbox"/>	Permanent Part-Time Seasonal
<input type="checkbox"/>	Non-Perm Full-Time	<input type="checkbox"/>	Non-Perm Part-Time
<input type="checkbox"/>	Non-Perm Part-time Sporadic	<input type="checkbox"/>	Seasonal