

Hannah Pierce

Helicopter Mechanic

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Summary

Helicopter Mechanic with 7 years maintaining light turbine helicopters for air medical and tour operators. Handles scheduled inspections, rotor track and balance, gearbox and drive work, and turbine engine troubleshooting to keep aircraft ready for 24/7 dispatch. Holds an FAA A&P certificate and tracks parts and due items in Excel and Outlook.

Experience

Helicopter Mechanic

04/2021 - Present

Wasatch Air Medical

Salt Lake City, UT

Air medical program flying 9 single- and twin-engine helicopters from 6 bases.

- Maintain 9 helicopters at 96% dispatch availability through overnight inspections and on-call AOG repairs.
- Perform rotor track and balance after blade and damper changes, bringing vibration under 0.2 IPS on every aircraft.
- Examine main and tail rotor gearboxes, drive shafts and swashplates at 100-hour and annual intervals.
- Coordinate parts and inspection due lists in Excel and Outlook with base mechanics and the Director of Maintenance.

Helicopter Mechanic

06/2019 - 03/2021

Red Rock Helicopter Tours

Las Vegas, NV

Tour operator flying 12 helicopters on canyon and city routes.

- Completed daily and 100-hour inspections on 12 tour helicopters flying up to 8 hours a day.
- Replaced starter-generators, fuel controls and tail rotor bearings, cutting repeat squawks by 20% in one season.
- Performed compressor washes and erosion checks after desert dust days to protect turbine engine performance.

Education

Associate of Applied Science

05/2019

Salt Lake Community College

Salt Lake City, UT

Aviation Maintenance Technology

Skills

- Rotor Track and Balance
- Turbine Engine Troubleshooting
- Scheduled Inspections
- Gearboxes
- AOG Repairs
- Vibration Analysis
- FAA Regulations
- Excel
- Outlook
- Attention to Detail

Certificates

FAA Airframe & Powerplant (A&P) Certificate

06/2019

Federal Aviation Administration