

Timothy Mossman

Aurora, CO 80012 | Mossmantim2019@gmail.com | 719 308 8120

Profile:

Decisive, self-motivated Army Veteran with sound judgment and resilience to handle tough challenges and tasks as they present. Experienced **Unmanned /Aerial Vehicle (UAV)** maintenance repairman and supervisor and a pending Aviation Maintenance Technician and certified Airframe & Powerplant Mechanic. Seeking aerospace opportunities where I can jumpstart a career in space communications and be part of a recognized and valuable team.

Education and Credentials

Spartan College of Aeronautics and Technology |Broomfield, CO

A.A.S Aviation Maintenance Technology

08/2023 - 07/22/2025

FAA Airframe and Powerplant Maintenance Certificate

Security Clearance: Secret

US employer authorized

Leadership

Communication skills

Team player

Self-directed

Customer service

Academic Experience:

Sales

Typing

Microsoft office 365

Administration

Organizational skills

Accountability

Reliability

Data entry

Guest services

Detail-oriented

Skills gained include inspection and repair of engine components in accordance with maintenance manual instructions, reading and interpreting equipment drawings and schematics, use of precision tools and testing equipment, troubleshooting, and understanding of basic electrical theory. Training also includes the disassembly, inspection, reassembly and troubleshooting of hydraulic, flight control, pneumatic, and fuel systems. Hands-on projects include inspection, evaluation, and repair of honeycomb, laminated, and acrylic materials per FAA regulations. Skills also include the ability to start, ground operate, and troubleshoot various powerplant operations including preparation of condition reports, maintenance records, and the ability to determine compliance with all data.

Generals:

FAA forms and records

Precise measuring instruments

Fundamentals of nondestructive testing

Vernier calipers, micrometers, depth gauge

Blueprint and schematic drawings

Close tolerance drilling, reaming, countersinking,

Trimming, fitting, tapping, riveting

Weight & balance calculations

Electrical system troubleshooting

Wire diagram reading

Airframe:

Pneumatics

Brake system inspection

Removed, inspected, reinstalled & rigged left aileron

Sheet metal fabrication and repair

Composite construction/repair

Airframe inspection and maintenance

100 hour Airframe inspection

Riveting

Welding

Rigging

Powerplant:

Fuel injection systems

Magnetos/electrical systems

Perform 100 powerplant inspection

Carburetor inspection and repair

Disassemble/reassemble engine

Engine overhaul

Employment

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Machinist | Freemont Tool and Die | Fremont, OH

Dates of employment?

- Plant Management
- Production Management
- Production Planning
- Manufacturing

Military Experience

Sergeant Squad Leader | U.S. Army - Colorado Springs, CO

08/2017 – 04/2023

- Unmanned Aerial Vehicle (UAV) maintenance supervisor for 6-person crew
- Oversaw scheduled and unscheduled maintenance including assembly and disassembly and fluid changes
- Supervised maintenance crew in field exercises: launch, land, and surveillance and battle simulation
- Assembled ground equipment launchers, COM systems, shelters
- Completed US Army Leadership course
- Conducted monthly performance counseling