Marcus Whitfield

AIRCRAFT MECHANIC III

Oklahoma City, OK (405) 555-0174 marcus.whitfield@email.com linkedin.com/in/marcuswhitfield

SUMMARY

Aircraft Mechanic III with 10 years of aircraft maintenance on military tankers and transports, including 4 years as an Air Force crew chief. Performs complex troubleshooting, inspection and aircraft sheet metal/structural repair from technical publications, technical directives and schematics. Holds an FAA A&P certificate and trains junior mechanics on aircraft unique tools.

SKILLS

Other Skills: Aircraft Maintenance, Troubleshooting, Inspection, Technical Publications, Technical Directives, Schematics, Aircraft Sheet Metal/Structural Repair, Cable Tensiometers, Torque Wrenches, Micrometers

EXPERIENCE

Aircraft Mechanic III 04/2023 - Present

Sooner Defense Aviation Oklahoma City, OK

Depot maintenance contractor overhauling KC-135 and E-3 aircraft for the Air Force.

- Diagnose faults in flight control and landing gear components, clearing **95%** of assigned discrepancies within planned hours.
- Adjust flight control cable rigging with cable tensiometers per technical publications on 30+ aircraft in programmed depot maintenance.
- Install structural modifications from technical directives, including fuselage skin and frame repairs, with zero QA rejects in 2025.
- Coach 6 Mechanic I and II team members on repair procedures, micrometers, dial indicators and torque wrenches.

Aircraft Mechanic II 06/2020 - 03/2023

Red Earth Aerospace Services Oklahoma City, OK

Contract field team supporting C-130 maintenance at Air Force bases.

- Performed scheduled inspection packages and component changes on C-130H aircraft, completing 120+ work cards per quarter.
- Repaired corrosion damage and cracked brackets following structural repair manuals and engineering dispositions.
- Recorded each repair and part change in the maintenance information system, holding a 98% first-pass QA rate.

Crew Chief (Aerospace Maintenance) 06/2016 - 05/2020

U.S. Air Force Altus AFB, OK

Active-duty crew chief on KC-135R tankers.

- Launched and recovered KC-135R tankers, completing preflight and post-flight inspections on 2 assigned aircraft.
- Serviced hydraulic, oxygen and fuel systems and changed wheels, brakes and flight control parts per technical orders.
- Earned the 7-level upgrade and led a 4-person launch crew during exercise surges.

EDUCATION

Associate of Applied Science 05/2020

Community College of the Air Force Maxwell AFB, AL

Aviation Maintenance Technology

CERTIFICATES

FAA Airframe & Powerplant (A&P) Certificate 08/2020

Federal Aviation Administration