

Reese M. Higginbotham

Lafayette, Louisiana | reese michaelhigg@gmail.com

Dedicated Maintenance Technician with +6 years of experience of performing troubleshooting, repairing, and maintaining assets of mechanical, hydraulic and electrical equipment. Able to diagnose a mechanical fault, supervise acquisition of desired items, and repair issues in an expedited fashion. With 6 years of Military service.

SKILLS

- Troubleshooting
- Equipment Maintenance
- Technical Expertise
- Leadership
- Problem Solving
- Organization

EXPERIENCE

Stuller Inc.

Lafayette, Louisiana

Metal Mold Machinist

September 2024 to September 2025

- Programmed CNC mills utilizing MasterCam software and operated CNC mills, manual lathes, and manual mills to manufacture precision metal mold components in accordance with engineering specifications.
- Cut and prepared brass stock using a chop saw, ground tooling to fabricate custom milling tools, and conducted detailed inspections of finished parts using precision measuring instruments to ensure dimensional accuracy and compliance.
- Applied foundational CNC programming knowledge, mathematical principles, and technical drawings to support machining operations while maintaining strict adherence to safety protocols and proper machine shop procedures.

United States Air Force

Equipment Manager

Gunsan, South Korea

January 2024 to July 2024

- Managed, maintained and procured over 2400 equipment assets.
- Merged 2 tool kits valued at \$530K, Simplified inspection processes and enhanced item accountability. Dedication optimized unit performance and contributed to Organization's two consecutive Team of the Quarter wins.
- Exhibited technical prowess by troubleshooting a \$45K laser engraver, isolating and replacing a faulty laser diode and three defective mirrors.

Field Level Engine Maintainer

Gunsan, South Korea

May 2023 to January 2024

- Took charge of 6 engine inspections, completed over 100 maintenance actions, and significantly contributed to the Organization's 3k flying hour program. Additionally, resolved a supply backlog through the execution of 11 cannibalizations, reducing component wait time by 60%, returning 2 engines to full capability, and expediting aircraft repairs by two months.
- Executed the procurement and repair of 4 engine components, preventing the unnecessary overhaul of 2 engine modules, and returning 3 \$2.8M assets to fully operable. Also, attention to detail was vital in processing the shipment of 8 engines to the Centralized Repair Facility, accelerating the return of 12 additional engines to the fleet.

Aircraft Maintenance Technician

Abilene, Texas

July 2018 to May 2023

- Expedited and led a four member team, in which executed 34 maintenance actions, 17 inspections and preventing failure, therefore circumvented the recovery of the \$250k asset.

- Spearheaded diagnostic data inquisition for 28 engines and coordinated with Engine Management Team and General Electric Engineers to obtain 183 trend data items on 7 aircraft and 56 serviceability inspections.
- Terminated a fuel contamination hazard, led a team which executed 16 fuel filter swaps, and prevented \$56M engine overhaul and rescued 348 man-hours.

EDUCATION

University of Louisiana at Lafayette

Studying Mechanical Engineering

Lafayette, Louisiana

September 2025-Current

Airman Leadership School

Professional Military Education in Leadership and Management

Abilene, Texas

January 2023 -February 2023

10 Credit Hours

Air Force Education and Training Command

Technical Training in Aviation Maintenance Technology

Wichita Falls, Texas

July 2018 - December 2018

225 Credited Hours

CERTIFICATES AND CERTIFICATIONS

- **Secret Security Clearance** *July 2018 - July 2028*
- **CPR Certification** *August 2023 - August 2025*
- **Valid Louisiana Driver's License** *January 2022 - February 2028*

AWARDS

Air Force Achievement Medal

- Distinguished by meritorious service while assigned to 7th Aircraft Maintenance Squadron, 7th Maintenance Group, 7th Bomb Wing, Dyess Air Force Base, Texas. During this period, Senior Airman Higginbotham was a crucial team member in investigating an oil contamination event where he collected oil samples from 429 components from thirty-three aircraft. His actions helped safeguard the six billion dollar B-1 fleet and cemented the 2020 Meritorious Unit Award. Additionally, Airman Higginbotham worked side by side with B-1 engineers on new gearbox clutch removal procedures. His technical proficiency unearthed several clearance shortcomings requiring technical order re-writes, resulting in him being coined and receiving a Letter of Appreciation from the Special Programs Office. Finally, Airman Higginbotham's skillset was imperative to resolving a fleet-wide engine grounding event. He inspected and replaced forty-four augments fuel filter housings across eleven aircraft to achieve a Time Compliance Technical Order completion rate of 91 percent, preserving 50 percent of the B-1 fleet. The distinctive accomplishments of Airman Higginbotham reflect credit upon himself and the United States Air Force.

First Sergeant Council Diamond Sharp Award

- Senior Airman Reese Higginbotham promoted team cohesion when he discovered and cared for an unconscious member. His quick thinking and compassion were crucial in preserving the safety and well being of a fellow member suffering from heat-exhaustion. For his efforts he was awarded the "Fire Breather of the Quarter" for 2nd Quarter 2023 as well as the Diamond Sharp Award!

Air Force Good Conduct Medal

- Awarded for exemplary conduct during a three-year period of active military service. Persons awarded this medal must have had character and efficiency ratings of excellent or higher throughout the qualifying period, including time spent in attendance at service schools, and there must have been no convictions of court martial during this period.