

Education:

Community College of the Air Force

- Associates in applied science: major Munitions systems technologies

Hampton, VA

Oct 2024

Old Dominion University

- Bachelors of science: major cyber defense

Norfolk, VA

Currently attending

Experience:

United States Air Force

Munitions Systems Journeyman

Hampton, VA

August 2021- Present

- Evaluated munitions systems malfunctions and equipment issues, identifying root causes and implementing timely repairs to ensure mission readiness
- performed scheduled and unscheduled maintenance safety inspections and functional tests on munitions, handling storage and test equipment to uphold operational standards
- adhered to air force technical orders safety protocols and organizational policies to ensure compliance and the safe handling of explosives
- managed the calibration care and accountability of tools, precision measurement devices, and test equipment to support mission-critical operations
- identified and reported quality compliance and safety concerns promptly ensuring the integrity of munitions systems and processes
- maintained a 100% serviceability rate of equipment ensuring the availability of munitions in support of combat readiness
- collaborated with cross functional teams to address complex maintenance issues improve operational efficiency and sustain mission-critical capabilities
- diagnosed and repaired advanced electronic circuitry in munitions systems using technical expertise to resolve complex malfunctions.
- interpreted and analyzed schematic diagrams and technical orders to install, inspect and repair munitions systems components with precision
- performed routine inspections and preventive maintenance on munitions handling equipment leveraging IT-based diagnostic tools to assess systems performance and identify potential issues.
- worked with multidisciplinary teams to evaluate and improve the functionality of electrical and electronic systems in support of mission objectives
- utilized advanced test equipment and software to calibrate and verify the performance of digital and analog circuits in weapons systems
- trained and mentored junior personnel in schematic interpretation, electronic principles and the maintenance of electrical and mechanical subsystems for team proficiency
- executed troubleshooting and fault isolation procedures on integrated systems, applying electronic and mechanical engineering principles to restore operational capabilities
- ensured compliance with air force technical orders and regulations during the repair and maintenance of electrical, electronic and IT systems supporting weapons deployment.

Skills & Certifications:

- Munitions systems troubleshooting and repair
- bilingual
- communication skills
- scheduled and unscheduled maintenance
- safety inspections and functional testing
- advanced electronic circuitry diagnostics
- adaptability and continuous learning
- precision measurement and calibration
- schematic diagram interpretation and analysis
- IT-based diagnostic tools utilization
- weapons systems digital and analog circuit calibration
- quality control and compliance assurance
- safety protocol adherence for explosive handling
- tools and equipment accountability management
- systems integration troubleshooting and fault isolation
- customer service
- computer proficiency
- preventive maintenance and system performance evaluation
- security clearance