

## JOSEPH ROBERTSON

Springfield, NJ | joseph.robertson@email.com | (555) 555-5555

### Profile

Accomplished Avionics Test Station and Component Craftsman with over 20 years of proven success in inspecting, testing, troubleshooting, and repairing sophisticated aircraft electronic systems for the U.S. Air Force. Recognized for leadership in managing multimillion-dollar avionics operations and restoring mission-critical test station capabilities. Expert in lifecycle maintenance planning, quality assurance, and supervision of cross-functional teams supporting global air mobility and relief missions. Known for technical precision, innovation, and a spotless safety record delivering consistent operational excellence.

### Professional Experience

#### C-17 Avionics Test Station and Component Craftsman (2A071K)

U.S. Air Force, 305th Maintenance Squadron – Joint Base McGuire-Dix-Lakehurst, NJ | Feb 2018 – Present

Supervise and train six technicians (Active Duty, Reserve, and civilian) in maintenance, calibration, troubleshooting, and modification of avionics systems and components for 14 C-17 Globemaster III aircraft valued at \$1.2B. Apply technical expertise to certify airworthiness and ensure compliance with Air Force and FAA standards. Lead high-impact maintenance projects, manage test station readiness, and implement process improvements to sustain mission-critical operations.

#### Key Accomplishments:

- Aligned, calibrated, and restored \$9M automated test station, resolving 20 critical asset backlogs and preventing \$500K in losses.
- Led repair and reallocation of 367 Due-In-From-Maintenance assets, reclaiming \$38M in depot-level costs.
- Directed maintenance of 60 avionics units worth \$5M, ensuring readiness for multinational C-17 mobility exercise.
- Coordinated avionics support for 38 hurricane relief missions, enabling delivery of 500 tons of humanitarian cargo with zero mission delays.
- Improved documentation accuracy by 40% and compliance reporting through modernization of maintenance processes.

---

#### F-16 Avionics Test Station and Component Craftsman (2A071K)

U.S. Air Force, 8th Maintenance Squadron – Kunsan Air Base, Republic of Korea | Feb 2017 – Feb 2018

Oversaw maintenance, inspection, and testing operations for F-16C/D aircraft and associated equipment. Directed 10-member team performing maintenance and calibration for 1,100 avionics LRUs across 44 aircraft valued at \$1.2B. Managed \$18M in test equipment, ensuring accuracy, calibration, and compliance with operational standards. Developed technical training plans, enhanced performance, and reduced maintenance turnaround times.

**Key Accomplishments:**

- Directed maintenance on 217 LRUs, filling 19 critical repair demands and saving \$1.7M in supply costs; achieved best record in 7th Air Force.
- Oversaw maintenance of 426 LRUs, improving repair rate by 43% from prior year and saving \$4.2M in depot costs.
- Introduced procedural checklists and data-driven review metrics that reduced rework and enhanced technician proficiency.

---

**F-16 Avionics Test Station and Component Craftsman (2A071K)**

U.S. Air Force, 54th Maintenance Squadron – Holloman AFB, NM | Sep 2014 – Feb 2017

Performed maintenance and testing for avionics systems supporting F-16C/D aircraft, including radar, sensor, and communication systems. Ensured compliance with technical orders, quality standards, and safety requirements. Analyzed performance data to improve maintenance efficiency, reduce costs, and enhance mission readiness. Coordinated with logistics and engineering to minimize downtime and optimize repair workflow.

**Education**

Associate of Applied Science, Avionics Systems Technology – Community College of the Air Force, 2018

**Certifications & Technical Training**

Communication and Navigation Systems Craftsman, 7-Level Certification | C-130 Self-Contained Navigation Systems Certified | AN/APN-59 Radar System Certified | AN/ARC-164 UHF Radio Certified | F-16 Improved Avionics Intermediate Station Certified | Air Force Smart Operations (AFOC) 21, Green Belt Certified | Block III WIL Supply Certification | Basic Soldering | Intermediate Avionics Station Certification