

JOHN SMITH

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~ EQUIPMENT SPECIALIST ~

QUALIFICATIONS PROFILE

Highly accomplished Equipment Specialist with in-depth knowledge of maintenance concepts, principles, and practices for complex Air Force propulsion systems, coupled with expertise in safety, security, and compliance regulations. Skilled at analyzing engineering drawings, technical manuals, and performance data to identify and resolve complex equipment problems with long-term fleet implications. Committed to providing technical advice, oral and written briefings, and actionable recommendations to cross-functional teams. Recognized for developing innovative solutions, designing procedures, and delivering technical training to optimize readiness and minimize sustainment costs. Known as a collaborative leader who builds good working relationships and reprioritizes workload to meet changing deadlines, and drives continuous improvement to enhance mission success.

PROFESSIONAL EXPERIENCE AND IMPACT

TINKER AIR FORCE BASE (TAFB) – Oklahoma City, OK

EQUIPMENT SPECIALIST – B-2 SUSTAINMENT

October 2022 – Present

Hours per Week: 40 | Series: 1670 | Pay Plan: GS Grade: 12

- Improved maintenance processes for 19 B-2 aircraft valued at \$40B by updating technical data, reducing technician search time, cutting repair costs, and ensuring production targets were consistently achieved.
- Eliminated the AFTO 22 Report of Correction backlog by streamlining sustainment practices and increasing overall fleet readiness.
- Minimized \$4M overhaul costs while ensuring compliance with Air Force standards by spearheading cross-functional teams to develop and implement a Non-Destructive Inspection (NDI) plan.
- Optimized repair, supply chain accuracy, and disposal processes through the completion of kit SMR code assessment, identifying and provisioning 29 parts for procurement.
- Yielded positive results by mitigating unnecessary component changes through inspection waivers and technical guidance, contributing to back-to-back Air Force Large Team Awards (2023 and 2024) for the B-2 Sustainment Team.

WRIGHT-PATTERSON AIR FORCE BASE (WPAFB) – Dayton, OH: 2018 – October 2022

LOGISTICS MANAGEMENT MANAGER – B-52 COMMERCIAL ENGINE REPLACEMENT PROGRAM

October 2021 – October 2022

Hours per Week: 40 | Series: 0346 | Pay Plan: GS Grade: 12

- Enabled a smooth transition to depot-level sustainment by developing the Engine Lifecycle Management Plan (ELMP) for the Rolls-Royce BR725 engine.
- Enhanced fleet readiness by 50% by shaping integration design of the new engine into the B-52H aircraft, aligning operational mission requirements with sustainment strategies.
- Created data-driven decisions by delivering subject matter expertise to leadership during meetings, ensuring logistics and engineering requirements directly supported BR725 operability.
- Boosted program efficiency by 30% by leading two Continuous Improvement Events, applying methodologies to streamline schedules and strengthen mission execution.
- Maximized workforce capability by directing 12 product support elements and supporting engine familiarization training for field units and program office staff.

EQUIPMENT SPECIALIST – KC-46 PROPULSION

May 2018 – October 2021

Hours per Week: 40 | Series: 1670 | Pay Plan: GS Grade: 12

- Secured \$1.8M per-engine cost savings by identifying deficiencies in engine removal/installation, depot maintenance, and test cell recertification procedures for the PW4062-3 high-bypass engine.
- Prevented an estimated \$2M per-engine lifecycle cost by uncovering contractor errors in oil consumption data reporting, safeguarding FAA ETOPS compliance, and Air Force engine warranties.
- Increased mission availability by providing technical oversight of KC-46 propulsion operations, resolving engine operability issues in collaboration with engineers, contractors, and field units.
- Drove compliance with FAA and Military Airworthiness Certification standards by managing test and evaluation requirements, developing engine maintenance procedures, and validating technical manuals.
- Outperformed sustainment readiness by presiding over Integrated Product Teams (IPTs) to develop Product Support Agreements, stand up new Military Operating Bases, and guide engine test cell requirements.
- Mitigated potential engine failures by delivering informative senior-level briefings on engine performance, incident trends, and corrective actions.

TINKER AIR FORCE BASE (TAFB) – Oklahoma City, OK

TF34 EQUIPMENT SPECIALIST

May 2011 – May 2018

Hours per Week: 40 | Series: 1670 | Pay Plan: GS Grade: 11

- Slashed costly engine failures by analyzing incident/utilization data, developing early identification processes, and briefing senior leadership on sustainment strategies.
- Extended TF34 engine life cycle by steering technical advisory efforts for the PACER COMET 4 software contract, reducing stress on test cell operations during certification.
- Played a vital role in improving accuracy and reliability of technical data by evaluating 100+ AFTO 22 requests and overseeing timely updates to Technical Orders (TOs) and Time Compliance Technical Orders (TCTOs).
- Sustained depot maintenance efficiency and part quality by developing technical procurement requirements, contractor work statements, and inspection protocols.
- Promoted mission success by closely monitoring Integrated Product Teams (IPTs) of engineers, technicians, procurement staff, and contractors to ensure performance, sustainability, and compliance with standards.
- Gained diagnostic capability as senior manager during design and evaluation of NEXTGEN CETADS software, providing predictive engine health monitoring for A-10 fleet sustainment.

EDUCATION & CREDENTIALS

Embry-Riddle Aeronautical University, Daytona Beach, FL, United States

Master of Science in Aeronautics (*GPA:3.5*): 2023

Bachelor of Science in Professional Aeronautics, Minor in Safety (*GPA:3.5*): 2001

PROFESSIONAL MILITARY EDUCATION (PME)

Air Command and Staff College, *Enrolled*

CERTIFICATIONS & RELEVANT COURSEWORK

Engine Test Cell Certification Manager, 1991

Life Cycle Logistics (LCL), Acquisition Professional Development Program (APDP) Level 1 & 2, 2020

Level-2 Acquisition Certification, Defense Acquisition University, 2020

Safety Certificate, 1997

AWARDS & RECOGNITION

B-2 Logistics Acquisition Team Award, 2023 & 2024

KC-46 Small Team Award, 1st Quarter 2021

Citizenship Award Recipient, 2009

20th CRS AF CINC Installation Excellence Special Recognition Award, 1998

ACC Maintenance Effectiveness Award, 1993, 1997, 1998

Wing ACC Dedalian Maintenance Award, 1993, 1997, 1998

23rd Component Repair Squadron Airman of the Year, 1991

JOB-RELATED TRAINING

Air University Training: Jet Engine Mishap Investigation Course, 2012 | Aerospace Propulsion, 2004 | Senior Leadership, 2004 | Aerospace Propulsion, 2001 | Leadership, 1992 | Aerospace Propulsion (Special Project), 1989

Acquisition Risk Management, 2018 | Aviation Operational Risk Management, 2010

Environmental Compliance, 2006 | Environmental Management Systems Awareness, 2001

Hazardous Waste & Industrial Management, 2001 | Aviation Operations Security, 2000

Aviation Safety Training, 1996

TECHNICAL SKILLS

Microsoft Office Suite