

Accomplished management professional with dual Master of Science degrees in Systems Engineering and Project Management, backed by over 15 years of experience in the aerospace and defense industry. My unique expertise stems from extensive work on both sides of the government-contractor relationship, providing a deep understanding and bridging the gap of the complexities in this field. I have a proven history of leading technical teams on complex projects, particularly in test operations, where I served as a key technical decision authority. My role has often involved coordinating and training teams on engineering processes, ensuring adherence to best practices and standard procedures. Additionally, I have significant experience in acquisition and contracting, having served as a Contracting Officer Representative. My strengths in strategic planning, project management, and systems engineering have enabled me to successfully lead projects from inception through execution, employing various methodologies to enhance operational efficiency.

Professional Experience

United States Air Force, Edwards AFB, CA (Full-time)

Test Program Manager, May, 2024 – Present

- ♦ Lead cross-functional technical teams, including engineers, pilots, and logistics leads, in designing, planning, and executing complex test programs for the Department of Defense (DoD), Foreign Military Sales (FMS), and commercial aerospace projects, ensuring technical accuracy and compliance with engineering standards.
- ♦ Develop and manage detailed project plans, addressing technical scopes, risk mitigation, resource allocation, and scheduling, while ensuring strict adherence to DoD, Air Force, and test wing engineering directives.
- ♦ Act as the lead technical authority, resolving complex engineering challenges and ensuring that project outcomes align with technical requirements and deliver results within performance constraints
- ♦ Coordinate engineering resources, maintain technical communication across teams, and enforce adherence to standardized engineering procedures, training protocols, and aerospace safety standards throughout the project lifecycle.

Northrop Grumman Corporation, Palmdale, CA (Full-time)

Modifications Manager, B-2 DM&C, March 2021 – May 2024

- ♦ Supervised the modifications team for the B-2 Bomber, overseeing engineering projects, including system integration, aircraft modifications, and compliance with aerospace standards.
- ♦ Managed a team of 30+ employees, providing technical guidance in the execution of modification plans, cost optimization, and safety assurance in coordination with flight test and manufacturing teams
- ♦ Directed process improvements, corrective actions, and ensured compliance with Earned Value Management Systems (EVMS), delivering projects within budget and schedule constraints.
- ♦ Collaborated with senior engineers and stakeholders to implement new systems, develop technical solutions, and streamline engineering processes.

United States Air Force, Edwards AFB, CA (Full-time)

Power Support Equipment Technician, September 2019 – March 2021

- ♦ Led the troubleshooting, alignment, and repair of advanced powered support equipment using technical drawings, operational instructions, and engineering standards to ensure optimal performance during flight test operations.
- ♦ Acted as a technical authority in diagnosing and resolving complex maintenance issues, ensuring the reliability and efficiency of aircraft support systems for multiple platforms.
- ♦ Developed and delivered technical training programs, enhancing the proficiency of technicians by teaching engineering-driven maintenance procedures and operational best practices.

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- ♦ Utilized cutting-edge diagnostic tools and analytical techniques to maintain the operational readiness of support systems for over 15 types of aircraft, significantly contributing to mission success at Edwards AFB.

AECOM, USAG Humphreys, Pyeongtaek, South Korea (Full-time)
Ground Support Equipment Mechanic, September 2018 – August 2019

- ♦ Conducted detailed analysis, diagnostics, and repair of critical Ground Support Equipment (GSE) systems for the Army’s rotary fleet, including AH-64s, UH-60s, and CH-47s, ensuring peak operational performance.
- ♦ Provided technical training and mentorship to junior technicians, enhancing their technical capabilities to efficiently diagnose and resolve mechanical and electrical issues, improving unit productivity.
- ♦ Leveraged advanced technical skills to interpret engineering drawings, wiring diagrams, and schematics, enabling precise maintenance and ensuring the reliability and readiness of GSE systems.

Virgin Galactic, Mojave, CA (Full-time)
Fleet Manager, July 11, 2016 – September 7, 2018

- ♦ Led maintenance and test programs for WhiteKnight2 and SpaceShipTwo, ensuring compliance with industry standards and government regulations.
- ♦ Coordinated all maintenance activities, optimized scheduling, and managed the budget, significantly contributing to the readiness and success of test operations.
- ♦ Implemented cost-saving initiatives and change leadership to enhance operational efficiency and resource management.

United States Air Force, Aviano, Italy / Okinawa, Japan / Texas, USA (Full-time)
Aerospace Ground Equipment (AGE) Journeyman/Craftsman, September 2008 – December 2015

- ♦ Supervised and executed maintenance tasks on a diverse range of aerospace ground equipment, applying advanced technical knowledge and providing expert guidance to airmen on diagnostics and repair techniques.
- ♦ Demonstrated engineering leadership in managing complex maintenance operations across multiple global locations, ensuring the operational readiness and deployment of critical support equipment for various aerospace platforms.
- ♦ Led comprehensive training programs focused on technical orders, Integrated Maintenance Data System (IMDS), and safety protocols, significantly enhancing the technical proficiency of junior technicians and contributing to mission success.

Education/Certifications

PhD in System Engineering, Current Student
Colorado State University, Fort Collins, CO

Master of Science in System Engineering, 2024
Embry-Riddle Aeronautical University, Daytona Beach, FL

Master of Science in Project Management, 2023
Embry-Riddle Aeronautical University, Daytona Beach, FL

Graduate Certificate in Project Management, 2023
Embry-Riddle Aeronautical University, Daytona Beach, FL

Bachelor of Arts in Organizational Management, 2021
University of Arizona Global Campus, Tucson, AZ

Project Management Professional (PMP),
2024 Project Management Institute, Newtown Square, PA

Airman Leadership School, 2013
United States Air Force, Aviano, IT