

William Brandon Comfort, MS

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Experienced Aerospace Engineer prepared to apply strong inter-personal & managerial skills, industry knowledge, and proven project success to support clients as an Aerospace & Defense Consulting Manager.

- Defense & Technology Sector Knowledge
- International & Domestic Customer Field Support
- 3+ years Managing Teams
- Client Support & Communication
- Functional Teams & Project Success
- Product Lifecycle Management
- Supply Chain Management
- Manufacturing Management
- Aftermarket Support

EDUCATION

University of Denver, Denver, CO

Full Stack Coding Certificate

Expected June 2022

University of New Haven, West Haven, CT

Master of Science in Mechanical Engineering

January 2021

Virginia Polytechnic Institute & State University, Blacksburg, VA

Bachelor of Science in Aerospace Engineering

May 2015

EXPERIENCE

Lockheed Martin, Stratford, CT

Transmission Design Engineer Sr - Raider X / Future Attack Reconnaissance Aircraft (FARA)

July 2019 – Present

- Input zone leader responsible for overseeing the design, procurement, manufacturing, qualification testing, and assembly of 90+ transmission parts for the Raider X Competitive Prototype Helicopter.
- Effective in communicating and resolving design updates, schedule changes and technical challenges with subcontractors and Sr. management to maintain the U.S Army FARA competition build and flight schedule.
- Leading and managing a team of 2 - 3 design engineers to support the Input Zone of the Raider X Main Transmission. Responsible for technical training, task delegation, product reviews, and final deliverables.
- Participated in the Sikorsky engineering and technology Plus-One Program to parameterize rotor bearing design for Sikorsky X2 aircraft.

Transmission Design Engineer - CH – 53E & MRB

June 2016 – July 2019

- Granted Material Review Board (MRB) engineering authority for disposition of discrepant parts. Supported the gear manufacturing shop, the transmission housing cell and transmission build-up assembly shop, analyzing nonconformities to determine the proper disposition of material, develop repairs and correct reoccurring issues to reduce cost of quality by 20%.
- Designed, tested, and implemented a modified tail drive shaft disconnect coupling for the CH-53E in response to multiple incidents in the field.
- Utilized product lifecycle management tools to create, modify, and release engineering drawings and 3D models for structural analysis and repair design in support of the customer, subcontractors, and Sr. management.
- On-site field engineering support of the Israeli Air Force (IAF) in response to field incident.

Transmission Design Engineer - H-60 & VH-61

June 2015 – June 2016

- Design representative for the gear manufacturing shop to support the on-time production of transmission gears through root cause analysis and effective communication between cross-functions.
- Transmission representative for the Improved Turbine Engine Program (ITEP) trade study analysis.
- On-site engineering representative for the Turkish Utility Helicopter Program (TUHP) to qualify transmission parts, certify processes and provide manufacturing support.

TECHNICAL SKILLS

- CATIA V5
- FEA – ANSYS Mechanical
- GD&T, FT&A
- MATLAB
- DOORS
- ENOVIA - MatrixOne
- Model Based Definition (MBD)
- Solumina
- 3DEXPERIENCE