



MICHAEL ANDERSON

Senior Electrical Testing Engineer

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SUMMARY

Dynamic Electrical Testing Engineer with over 8 years of experience in the aerospace industry, specializing in the testing and validation of electrical systems in aircraft. Proven expertise in developing and executing test plans, analyzing test data, and ensuring compliance with industry standards. Skilled in collaborating with cross-functional teams to drive project success and improve testing processes.

WORK EXPERIENCE

Senior Electrical Testing Engineer SkyHigh Aerospace

Jan 2023 - Present

- Developed and executed comprehensive test plans for new electrical systems in commercial aircraft.
- Led a team in conducting rigorous testing, identifying and resolving over 30 critical issues prior to product launch.
- Utilized advanced testing equipment such as oscilloscopes and multimeters for accurate data retrieval.
- Collaborated with design engineers to refine electrical designs based on test results, improving efficiency by 15%.
- Documented test procedures and results in compliance with FAA regulations and internal quality standards.
- Trained junior engineers in best practices for electrical testing and troubleshooting techniques.

Electrical Testing Engineer AeroTech Solutions

Jan 2020 - Dec 2022

- Conducted electrical testing on aerospace components and systems, ensuring compliance with industry standards.
 - Performed root cause analysis on electrical failures, contributing to a 20% reduction in warranty claims.
 - Collaborated with manufacturing teams to implement design changes based on testing feedback.
 - Utilized software tools for data analysis and reporting, enhancing data accuracy and reporting efficiency.
 - Participated in safety audits and contributed to the improvement of testing safety protocols.
 - Assisted in the development of training materials for new testing equipment and procedures.
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EDUCATION

Bachelor of Science in Electrical Engineering, University of Michigan, 2015

Sep 2019 - Oct 2020

ADDITIONAL INFORMATION

- **Technical Skills:** Electrical Testing, Data Analysis, Troubleshooting, Team Leadership, FAA Regulations, Test Plan Development
- **Awards/Activities:** Recognized as 'Employee of the Year' for exceptional performance and dedication to quality in 2020.
- **Awards/Activities:** Implemented a new testing procedure that reduced testing time by 25% while maintaining accuracy.
- **Awards/Activities:** Contributed to a project that won the 'Innovation Award' for advancements in aerospace electrical systems.
- **Languages:** English, Spanish, French