



MICHAEL ANDERSON

AVIONICS TEST ENGINEER

PROFILE

Dynamic Aircraft Test Engineer with extensive experience in avionics systems testing and validation. Expertise in developing and executing test strategies that ensure aircraft systems meet high-performance standards and regulatory requirements. Proven ability to analyze complex data sets to assess system performance and identify areas for improvement. Strong background in collaborating with multidisciplinary teams to streamline testing processes and enhance product quality.

EXPERIENCE

AVIONICS TEST ENGINEER

FlightTech Systems

2016 - Present

- Designed and implemented test protocols for avionics systems in commercial aircraft.
- Conducted hardware-in-the-loop (HIL) testing to validate avionics performance.
- Analyzed test data to provide actionable insights for engineering teams.
- Collaborated with software engineers to ensure seamless integration of avionics systems.
- Developed documentation for test procedures and results for compliance audits.
- Provided technical support during flight tests, ensuring safety and performance metrics were met.

JUNIOR TEST ENGINEER

AeroDynamics Corp.

2014 - 2016

- Assisted in the testing of aircraft communication systems, ensuring compliance with regulatory standards.
- Participated in the development of test plans and procedures for new avionics products.
- Supported the execution of flight tests, recording performance metrics and anomalies.
- Collaborated with senior engineers to troubleshoot and resolve testing issues.
- Maintained testing equipment and ensured calibration standards were met.
- Contributed to post-test analysis, providing recommendations for improvements.

CONTACT

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SKILLS

- Avionics Testing
- Data Analysis
- Regulatory Compliance
- HIL Testing
- Team Collaboration
- Documentation

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING, UNIVERSITY OF CALIFORNIA, BERKELEY, 2015

ACHIEVEMENTS

- Improved avionics testing efficiency by 25% through process optimization.
- Contributed to the successful certification of a new avionics system for commercial use.
- Recognized as 'Employee of the Month' for outstanding performance in testing projects.