



MICHAEL ANDERSON

LEAD JET ENGINE SYSTEMS ENGINEER

PROFILE

An accomplished Jet Engine Engineer with a robust background in aerospace engineering, possessing over 10 years of experience in the development, testing, and certification of jet engines. Expertise includes advanced materials and propulsion systems, with significant contributions to improving engine reliability and performance metrics. Demonstrated proficiency in project management and a commitment to fostering innovation through collaborative teamwork.

EXPERIENCE

LEAD JET ENGINE SYSTEMS ENGINEER

Skyward Technologies

2016 - Present

- Oversaw the integration of advanced materials in jet engine designs.
- Conducted extensive testing and validation of new engine prototypes.
- Coordinated with suppliers to ensure quality control of components.
- Developed risk assessment plans for new projects, mitigating potential failures.
- Implemented Lean methodologies to enhance development processes.
- Facilitated training sessions for engineering teams on emerging technologies.

JET ENGINE TEST ENGINEER

Flight Dynamics Inc.

2014 - 2016

- Performed engine testing and evaluation for performance analysis.
- Utilized data acquisition systems to track engine metrics.
- Collaborated with design engineers to refine engine specifications.
- Documented test results and prepared reports for regulatory review.
- Participated in root cause analysis for engine failures, implementing corrective actions.
- Supported certification processes for new engine models.

CONTACT

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SKILLS

- Aerospace engineering
- Materials science
- FAA regulations
- Project management
- Lean manufacturing
- Data analysis

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING, UNIVERSITY OF MICHIGAN

ACHIEVEMENTS

- Improved engine test efficiency by 20% through process optimization.
- Led a successful certification project for a new turbojet engine, achieving compliance ahead of schedule.
- Received the Excellence in Engineering Award for innovative solutions in jet engine testing.