



MICHAEL ANDERSON

LEAD FIXTURE ENGINEER

PROFILE

With over 10 years of experience as a Fixture Engineer in the aerospace industry, I specialize in the design and development of complex assembly fixtures that ensure precision and safety standards are met. My strong background in aerodynamics and materials science allows me to create fixtures that not only enhance productivity but also comply with stringent regulatory requirements.

EXPERIENCE

LEAD FIXTURE ENGINEER

SkyHigh Aerospace

2016 - Present

- Designed aerospace fixtures to support assembly of aircraft components.
- Conducted failure mode analysis to improve fixture reliability.
- Collaborated with compliance teams to ensure safety standards were met.
- Reduced setup times by 25% through efficient fixture design.
- Mentored junior engineers in fixture development techniques.
- Presented design concepts to executive management for approval.

FIXTURE ENGINEER

AeroTech Solutions

2014 - 2016

- Developed and tested prototypes for new fixture designs.
- Utilized CATIA to create detailed engineering drawings.
- Worked with suppliers to source materials for fixture production.
- Improved fixture ergonomics, leading to a 15% increase in operator efficiency.
- Maintained documentation of design changes and testing results.
- Participated in project planning meetings to align goals and timelines.

CONTACT

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SKILLS

- CAD design
- aerospace standards
- project leadership
- compliance
- prototype testing
- materials science

LANGUAGES

- English
- Spanish
- French

EDUCATION

MASTER OF SCIENCE IN AEROSPACE ENGINEERING, CALIFORNIA INSTITUTE OF TECHNOLOGY, 2011

ACHIEVEMENTS

- Successfully led a project that improved fixture design speed by 40%.
- Recognized for outstanding safety compliance in fixture operations.
- Published a paper on fixture development in a peer-reviewed aerospace journal.