



Michael ANDERSON

LEAD HUMAN FACTORS ENGINEER

Accomplished Human Factors Scientist with 12 years of experience in the aerospace sector, specializing in human-computer interaction and system design. Expertise in analyzing user needs and behaviors to optimize complex systems for safety and efficiency. Proven ability to lead interdisciplinary teams in developing user-friendly interfaces for cockpit systems and ground control.

CONTACT

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SKILLS

- Human-Computer Interaction
- User Research
- System Design
- Cognitive Psychology
- Usability Testing
- Safety Analysis

LANGUAGES

- English
- Spanish
- French

EDUCATION

**M.S. IN HUMAN FACTORS
ENGINEERING, GEORGIA INSTITUTE OF
TECHNOLOGY**

ACHIEVEMENTS

- Received the 'Excellence in Engineering' award for contributions to cockpit interface design.
- Improved flight safety metrics through successful implementation of user-centered design.
- Published multiple articles on human factors in aviation technology.

WORK EXPERIENCE

LEAD HUMAN FACTORS ENGINEER

AeroDynamics Corp

2020 - 2025

- Led the redesign of cockpit interfaces, resulting in a 30% decrease in pilot workload.
- Conducted usability testing on flight management systems, enhancing user satisfaction by 25%.
- Collaborated with engineers to develop training programs based on human factors principles.
- Facilitated safety assessments to ensure compliance with aviation regulations.
- Developed user manuals and training materials for flight crews.
- Presented research findings at international aerospace conferences.

HUMAN FACTORS CONSULTANT

SkySafe Solutions

2015 - 2020

- Conducted user research to inform the development of unmanned aerial systems.
- Performed cognitive task analyses to optimize system interfaces for operators.
- Collaborated with software developers to integrate user feedback into design processes.
- Presented usability findings to stakeholders, influencing product direction.
- Mentored junior staff on human factors methodologies and best practices.
- Authored white papers on human factors in aviation technology.