

MICHAEL ANDERSON

Human Factors Engineer

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I am a dedicated Ergonomics Engineer with 5 years of experience in the aerospace industry, specializing in human factors engineering. My expertise lies in the integration of ergonomic principles into aircraft design and cockpit interfaces, ensuring safety, comfort, and efficiency for pilots and crew. I have collaborated closely with design engineers and safety experts to conduct ergonomic assessments and make recommendations that reduce operator strain and improve overall performance.

WORK EXPERIENCE

Human Factors Engineer | AeroSystems Group

Jan 2022 – Present

- Conducted ergonomic assessments of cockpit layouts to enhance pilot comfort.
- Collaborated with engineering teams to integrate ergonomic design features.
- Performed user testing to optimize cockpit interfaces.
- Analyzed data on pilot performance to inform design improvements.
- Facilitated training sessions on ergonomic best practices in aviation.
- Developed ergonomic guidelines for cockpit design and evaluation.

Ergonomics Intern | FlyTech Innovations

Jul 2019 – Dec 2021

- Assisted in ergonomic evaluations of aircraft design prototypes.
- Conducted research on human factors in aviation.
- Supported user testing efforts for cockpit interface designs.
- Documented findings and recommendations for design modifications.
- Participated in safety assessments and ergonomic audits.
- Collaborated with teams to enhance user experience in aviation products.

SKILLS

Human factors engineering

Cockpit design

User testing

Data analysis

Ergonomic assessments

Training development

EDUCATION

Master's in Human Factors Engineering

2015 – 2019

Embry-Riddle Aeronautical University

ACHIEVEMENTS

- Led a project that improved cockpit ergonomics, reducing pilot fatigue by 30%.
- Recognized for outstanding contributions to safety in aviation ergonomics.
- Published findings in a leading aviation safety journal.

LANGUAGES

English

Spanish

French