

Julian Tuescher

Aircraft Electrician

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☎ (140) 758-7490

📍 123 Maple Street, Des Moines, IA 50307

EDUCATION

Associate of Applied Science in Aircraft Electrical Systems at Des Moines Area Community College, Ankeny, IA

Sep 2017 - May 2021

Relevant Coursework: Aircraft Electrical Systems Design, Avionics Troubleshooting, Aircraft Wiring, Digital Electronics, Electrical System Inspections, and Circuit Analysis.

LINKS

[linkedin.com/in/juliantuescher](https://www.linkedin.com/in/juliantuescher)

SKILLS

Soldering

Wiring

Avionics troubleshooting

Circuitry analysis

Connector installation

Electrical bonding

Grounding

LANGUAGES

English

Japanese

HOBBIES

Building and flying model airplanes

Restoring vintage electronic devices

PROFILE

A highly skilled Aircraft Electrician with 2 years of experience in performing electrical maintenance, repair, and installation tasks on various aircraft systems. Proficient in diagnosing and troubleshooting electrical issues, reading and interpreting technical drawings, and ensuring compliance with safety regulations. Demonstrates strong ability to work both independently and collaboratively in fast-paced environments, while maintaining attention to detail and commitment to quality.

EMPLOYMENT HISTORY

● Aircraft Electrician at AeroNavData, IA

Mar 2023 - Present

- Successfully completed the rewiring of 20 aircraft within a 6-month period, resulting in a 15% increase in overall fleet reliability and a 10% reduction in maintenance downtime.
- Streamlined the troubleshooting process for avionic systems, leading to a 25% reduction in man-hours spent on diagnostics and a 5% improvement in repair accuracy.
- Implemented a new inventory management system for electrical components, resulting in a 30% decrease in stock shortages and a 20% reduction in procurement costs.
- Led a team of 8 electricians in the successful completion of a major aircraft retrofit project, which was finished 2 weeks ahead of schedule and 10% under budget.

● Aircraft Electrician Apprentice at Rockwell Collins, IA

Jul 2021 - Feb 2023

- Successfully completed the installation of electrical systems in 20 commercial aircraft within the first year, ensuring compliance with Rockwell Collins standards and FAA regulations.
- Streamlined the troubleshooting process for avionic systems, reducing the average repair time by 30% and increasing overall team efficiency.
- Assisted in the development and implementation of a new wiring inspection protocol, resulting in a 15% reduction in wiring defects and improving overall aircraft safety.

CERTIFICATES

Aircraft Electronics Technician (AET) Certification

Feb 2022

Federal Aviation Administration (FAA) Airframe and Powerplant (A&P) Certificate

Nov 2020

MEMBERSHIPS

Aircraft Electronics Association (AEA)