

MIA TAYLOR

Aircraft Electrician Specialist

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PROFESSIONAL SUMMARY

Versatile Aircraft Electrician Specialist with over 7 years of comprehensive experience in diagnosing, repairing, and maintaining sophisticated electrical systems in aviation. Adept at enhancing aircraft functionality through precise avionics modifications and troubleshooting. Eager to apply expertise in a dynamic environment that prioritizes safety and operational excellence.

WORK EXPERIENCE

Aircraft Electrician Specialist

Blue Sky Innovations

📅 Apr / 2021-Ongoing

📍 Chicago, IL

1. Installed, tested, and maintained electrical and electronic systems in military aircraft, ensuring compliance with rigorous standards.
2. Executed daily operations on various military aircraft, enhancing operational readiness.
3. Interpreted blueprints and wiring diagrams to install complex avionics systems accurately.
4. Created and maintained Excel spreadsheets for tracking equipment performance and maintenance schedules.
5. Diagnosed malfunctions using advanced testing equipment and repaired or replaced defective components.
6. Trained and mentored a team of 8 electricians, significantly improving overall productivity and morale.
7. Collaborated with engineering teams to develop modifications that improved aircraft systems performance.

Aircraft Electrician

Crescent Moon Design

📅 Apr / 2018-Apr / 2021

📍 Portland, OR

1. Diagnosed and troubleshooted malfunctions in electrical systems, ensuring swift resolution of issues.
2. Repaired and calibrated aircraft instrument systems, enhancing operational accuracy.
3. Applied principles of electricity and electronics to maintain and repair aircraft systems effectively.
4. Executed removal, installation, and testing of electrical components following technical manuals and safety procedures.
5. Maintained cleanliness and preservation of electrical components and instruments to ensure longevity.
6. Serviced and troubleshooted nickel-cadmium batteries (Ni-Cad), ensuring reliable power supply.

EDUCATION

Associate of Applied Science in Aviation Maintenance Technology

Community College of the Air Force

📅 Apr / 2015-Apr / 2018

📍 Santa Monica, CA

Focused on aircraft electrical systems, avionics, and maintenance protocols.

SKILLS

Electrical Safety

Blueprint Reading

Soldering Techniques

Component Testing

ACHIEVEMENTS

- 🌟 Reduced electrical system downtime by 20% through proactive maintenance strategies.
- 🌟 Successfully led a team to complete avionics upgrades on multiple aircraft ahead of schedule.
- 🌟 Enhanced safety compliance by implementing new testing protocols, resulting in zero incidents.