

Jamal Rivers

Avionics Technician

Avionics Technician with 5 years installing and troubleshooting avionics and electrical systems on business jets and turboprops. Builds harnesses from wiring diagrams and schematics with clean soldering and crimping, and tests every install with oscilloscopes and power supplies. Holds an FCC GROL and works to FAA regulations on major alterations.



jamal.rivers@email.com



(316) 555-0127



Wichita, KS



linkedin.com/in/jamalrivers



Experience

Avionics Technician

05/2022 - Present

Air Capital Avionics Group

Wichita, KS

Avionics shop handling upgrades and repairs for business aircraft.

- Install flight deck upgrades, ADS-B and autopilot systems, completing **35** aircraft upgrades with zero comebacks in 2025.
- Pinpoint intermittent faults on pitot-static, radio and lighting circuits, finding root cause on 90% of squawks within one shift.
- Fabricate and route wire harnesses of up to 400 conductors, verifying continuity and insulation before close-up.
- Draft return-to-service paperwork and Form 337 data packages for major alterations, approved without rework.

Avionics Installer

06/2020 - 04/2022

Prairie Wire & Instruments

Wichita, KS

Harness and panel shop supplying aircraft manufacturers.

- Built 200+ instrument panels and harnesses a year from engineering drawings at a 99% first-pass inspection rate.
- Tested line-replaceable units on the bench before shipment, logging results for 100% of outgoing units.
- Updated work instructions in Word and Excel after each engineering change, cutting build errors by 20%.



Certificates

FCC General Radiotelephone Operator License (GROL)

09/2021

Federal Communications Commission

IPC/WHMA-A-620 Certified IPC Specialist

03/2022

IPC



Skills

Avionics

Electrical Systems

Troubleshooting

Wiring Diagrams

Schematics

Soldering

Crimping

Oscilloscopes

Power Supplies

FAA Regulations



Education

Associate of Applied Science

05/2020

WSU Tech Wichita, KS

Avionics Technology