

Renee Kowalski

COMPOSITE TECHNICIAN

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SUMMARY

Composite technician with 6 years building carbon fiber and fiberglass aircraft parts, promoted from laminator to lead-level layup work. Handles prepreg layup, vacuum bagging, autoclave cure prep, trimming and bonding to engineering drawings and process specs. Checks thickness and trim lines with calipers and keeps a dependable record of on-time, defect-free parts.

SKILLS

- Composite Manufacturing
- Bonding
- Mechanical Aptitude
- Prepreg Layup
- Calipers
- Dependable
- Vacuum Bagging
- Hand Tools
- Autoclave
- Engineering Drawings

EXPERIENCE

Composite Technician

03/2024 - Present

Prairie Aerostructures

Wichita, KS

Tier 2 supplier of composite fairings, panels and interior parts for business jets.

- Produce prepreg carbon fiber layups on 30+ part numbers, matching ply orientation to the drawing on every audit.
- Build vacuum bagging setups and leak-check bags before autoclave cures, with **99%** of loads passing first cure.
- Verify trimmed edges and laminate thickness with calipers after routing and drilling parts with hand tools.
- Complete surface prep and bonding of brackets and inserts, cutting disbond findings 35% after a prep change.

Composite Technician I

02/2022 - 02/2024

Prairie Aerostructures

Wichita, KS

Same site, interior panel cell.

- Fabricated 25 honeycomb core panels a week to engineering drawings for business jet cabin interiors.
- Maintained the prepreg freezer log and out-time records, preventing any expired material use in 2 years.
- Repaired porosity and edge delamination on 30 rejected panels, saving them from scrap and the schedule from rework.
- Mentored 3 new laminators on ply cutting, debulking and clean-room rules during their first month.

Composite Laminator

06/2020 - 01/2022

Air Capital Composites

Wichita, KS

Fiberglass shop making ducts and access panels for aircraft and rail customers.

- Constructed wet-layup fiberglass ducts to work instructions, averaging 40 parts a week on day shift.
- Recorded resin batch numbers and cure times on 100% of traveler sheets for full part traceability.
- Organized ply kits for 2 layup benches so the next shift started on time every day.

EDUCATION

Certificate

05/2020

WSU Tech

Wichita, KS

Composites Technology

CERTIFICATES

FOD Prevention Awareness Training

Prairie Aerostructures

03/2022

OSHA 10-Hour General Industry

OSHA Training Institute

07/2020