

Michelle Lewis

Assembler

Lead assembler with 11 years in aerospace subassembly and structural bonding. Run a 9-person cell, own the shift handoff, and partner with quality on nonconformance dispositions. Comfortable coaching newer builders through hard prints without slowing the line.

CONTACT INFORMATION

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EDUCATION

- A&P Ground School Coursework (non-certificated), Wichita Area Technical College, 2015
- Certificate, Welding Technology, Manhattan Area Technical College, 2013

KEY SKILLS

- AS9100 build documentation
- Blueprint and GD&T reading
- Close-tolerance drilling and reaming
- Sealant application (fay-surface and fillet)
- Cleco and Hi-Lok fastening
- Cell leadership and shift handoff
- NCR/rework coordination
- Work instruction authoring
- Lean daily management boards
- Forklift and overhead crane (rigger signal)

PROFESSIONAL EXPERIENCE

Lead Assembler, Wing Rib Cell | Prairie Aerostructures, Wichita, KS 2020 – Present

- Lead a 9-person cell building wing rib subassemblies; hold on-time delivery at 97% across the last four quarters.
- Own the shift-start huddle, staffing plan, and end-of-shift handoff log for two shifts feeding a common takt.
- Partner with quality engineering on NCR dispositions; drove the rework rate on the rib cell from 4.1% to 2.3% in 18 months.
- Trained 7 assemblers on close-tolerance drilling and sealant application, three of whom moved to the mate cell.
- Sit on the change review board for cell-level work instruction updates.

Senior Assembler | Cascade Sheet Metal Works, Everett-adjacent, WA 2016 – 2020

- Built aluminum brackets and skin panels to AS9100 requirements; ran final buy-off on 200+ ship sets.
- Operated Cleco fastening, drill motors, and countersink cages; held first-time-through above 95% on assigned stations.
- Filled in as acting lead during vacation coverage, roughly 10 weeks per year.
- Wrote three new work instructions after a fixture upgrade on the aft bracket line.

Assembler | Riverbend Trailer Manufacturing, Junction City, KS 2013 – 2016

- Assembled utility trailer frames and axle mounts on a moving line; hit 18 frames per shift.
- Ran tack and finish welds on non-critical brackets.
- Promoted to Senior Assembler after 20 months.