

Nadia Sorensen

Engineering Technologist

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SUMMARY Engineering Technologist with 8 years in aerospace interiors and composite manufacturing, working between design engineers and the shop floor. Turns AutoCAD and SolidWorks models into build-ready drawings with GD&T, leads root cause analysis on production defects, and writes test procedures that pass customer audits. Works closely with planners, quality staff and machinists every day.

EDUCATION **Bachelor of Science** 06/2018
Western Washington University Bellingham, WA
Manufacturing Engineering Technology

EXPERIENCE **Engineering Technologist** 03/2022 - Present
Cascade Cabin Interiors Everett, WA
Supplier of aircraft galleys and lavatory monuments with 900 employees.

- Produce **120+** SolidWorks drawing packages a year with GD&T callouts for galley and lavatory parts.
- Lead root cause analysis on composite panel defects, cutting scrap cost by \$310K in 2025.
- Write test procedures for load and flammability qualification, passing 3 customer audits without findings.
- Apply statistical process control to 4 bonding cells, raising Cpk from 0.9 to 1.4 on critical dimensions.

Manufacturing Engineering Technician 07/2018 - 02/2022
Puget Sound Composites Kent, WA
Composite parts and tooling shop for aerospace customers.

- Drafted AutoCAD layouts for **4** tooling and cell rearrangements that freed 2,000 sq ft of floor space.
- Built Excel trackers for 60 open engineering changes, giving planners a weekly status view.
- Wrote Word work instructions for 35 bonding and trim operations used across 3 shifts.
- Measured first articles with CMM reports and hand gauges, catching 12 drawing errors before release.

Manufacturing Engineering Intern 06/2017 - 09/2017
Bellingham Marine Fabrication Bellingham, WA
Summer internship at an aluminum workboat builder.

- Drafted **20** jig and fixture drawings in SolidWorks for hull assembly.
- Timed 6 assembly operations and proposed a layout change that cut walking distance 30%.
- Created an Excel scrap tracker for 3 weld cells that the plant kept using after the internship.

SKILLS AutoCAD • SolidWorks • GD&T • Root Cause Analysis • Test Procedures
Statistical Process Control • Excel • Word • Team Player • Attention to Detail

CERTIFICATES **Certified Manufacturing Technologist (CMfgT)**
SME
05/2020