

Brian E. Schmidt

Electromechanical Technician

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Professional Summary

Experienced Electronics and Mechanical Technician with 7+ years of hands-on experience in aerospace manufacturing and repair. Proven track record of meeting strict compliance standards including FAA, EASA, ISO-14001, and AS9100 requirements while consistently delivering quality work on schedule. Maintained perfect safety record with zero workplace injuries throughout career. Expertise in electronic diagnostics, mechanical assembly, and precision soldering with strong background in continuous improvement processes.

Skills & Abilities

- Electronic, mechanical, and hydraulic diagnostics, assembly, repair, quality assurance, and finishing operations
- IPC J-STD Soldering
- Blueprint/engineering drawing interpretation
- LEAN manufacturing
- Six Sigma continuous improvement processes
- Systems Applications and Products (SAP)
- Personal Protective Equipment

Experience

WOODWARD, INC., AEROSPACE | FORT COLLINS, CO | AUGUST 2018 – JUNE, 2025

Repair & Overhaul Technician (*Promoted September 2020*)

- Execute repair and overhaul procedures on aerospace components using oscilloscopes, DMM, power supplies, insulation and dielectric test equipment for diagnostics and testing knowledge, sales, and health & safety standards.
- Ensure all work meets CFR 145 Repair Station, EASA, ISO-14001, AS9100, and FAA regulatory requirements
- Utilize software to acquire test data and submit any required documentation
- Document and upload product conditions, test results, and any suggested/actual corrective actions taken
- Thru-hole soldering to IPC J-STD-001H standards
- Assist with Continuous Improvement projects
- Human Operational Performance Advocate

Mechanical Assembler (*August 2018 - September 2020*)

- Performed assembly, testing, and finishing operations on small commercial aircraft thrust reverse valves, locks, and actuators
- Ensured all procedures met engineer drawings, AS9100, ISO-14001, and EASA guideline requirements
- Thru-hole soldering to IPC J-STD standards
- Assist with Continuous Improvement projects

NULEDS INC. | CARLSBAD, CA | SEPTEMBER 2016 – MARCH 2018

SMT Department Lead

- Performed SMT rework on PoE controllers to achieve required voltage and current specifications
- Managed procedural documentation, customer orders, shipping/receiving, and inventory

UNIVERSAL DIAGNOSTICS SOLUTIONS | OCEANSIDE, CA | APRIL 2012 – MAY 2016

Biomedical Equipment Technician

- Ultrasound system, peripheral quality assurance procedures
- Diagnostics
- Preventative Maintenance
- Software, firmware options modifications

Current Certifications

- IPC J-STD-001J soldering
- Six Sigma Green Belt
- Red Cross Adult First Aid/CPR/AED

Education

SAN DIEGUITO ACADEMY | ENCINITAS, CA | 2002

- GED Certificate