

COLE M. FONTAINE, A&P

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FAA-Certified Airframe & Powerplant Mechanic

U.S. Marine Corps Veteran | Aviation Maintenance Technician | Safety Focused

United States Marine Corps Veteran with 5 years of aviation maintenance and supervisory experience. Skilled in mechanical and propulsion systems inspection, technical publication compliance, and aircraft airworthiness evaluation. Experienced in maintenance documentation, scheduling, and enforcing safety standards. Recognized for dependability, leadership, and technical expertise in high-tempo aviation environments.

SKILLS

- MAINTENANCE COORDINATION: Scheduling | Meeting Deadlines | Enforcing expectations
- TECHNICAL AVIATION PUBLICATIONS: Maintenance Documentation | Review publications | Apply expertise
- DETAIL-ORIENTED: Analytical | Retention of Aviation Documents | Safety measures and procedures

PROFESSIONAL ACTIVITIES

Aviation Maintenance Competition (AMC) Team Member | Embry-Riddle Aeronautical University | Oct 2025 – Present

- Selected member of ERAU's Aviation Maintenance Competition team, training in timed troubleshooting, aircraft maintenance procedures, and system diagnostics.
- Develop hands-on proficiency in aviation maintenance tasks including safety wiring, electrical troubleshooting, precision measurement, and technical publication interpretation.

WORK EXPERIENCE

F-35B Powerline Mechanic / Supervisor | USMC Yuma, AZ & Iwakuni, Japan 04/2019 – 06/2023

- Supervised and mentor 24 aviation maintenance technicians, providing training on maintenance procedures, technical publications, and job qualification standards.
- Performed 400+ hours of scheduled and unscheduled flight line maintenance as a Collateral Duty Inspector and Plane Captain ensuring aircraft airworthiness and safety compliance.
- Conducted Pratt & Whitney F135 turbofan engine breakdowns and engine rebuild, supporting propulsion system maintenance and aircraft operational readiness.
- Performed quality control inspections on \$100M+ of aviation support equipment, including engine trailers, slings, adapters, tools, cages, FOD covers, and aviation safety equipment.

Oil Analysis Supervisor | USMC MALS 12, Iwakuni, Japan 04/2019 – 04/2022

- Analyzed 800+ oil samples for multiple aircraft platforms to identify early component wear and prevent unscheduled maintenance events.
- Managed oil lab in completion of three-monthly correlation tests for two oil analysis spectrometers; scored above 95% on monthly correlation test resulting in successful analyzation of 100 oil samples.

EDUCATION

Embry-Riddle Aeronautical University, Daytona Beach
B.S. Aviation Maintenance Science – Safety
Concentration
Anticipated Graduation: Winter 2026

CERTIFICATIONS

FAA Airframe & Powerplant (A&P) Mechanic
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