JULIAN MERCER

AIRCRAFT MECHANIC

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PROFESSIONAL SUMMARY

Aircraft Mechanic with 7+ years inspecting and repairing commercial and general aviation aircraft under an FAA A&P certificate. Documents every task accurately, finds defects early, and returns aircraft to service safely and on schedule, while mentoring newer mechanics and keeping records ready for FAA and airline audits.

PROFESSIONAL EXPERIENCE

Lead Aircraft Mechanic Mar 2024 - Present
Delta TechOps, Atlanta, GA

- Lead a shift team of six on scheduled airframe inspections and return aircraft to service on time in 95% of checks, assigning work by experience and certification level.
- Review task cards and maintenance records for completeness before sign-off, which cut documentation errors by about a third, sending incomplete cards back to the mechanic promptly.
- Coach mechanics on troubleshooting hydraulic and landing gear findings, which shortened repeat write-ups on the same aircraft by walking through the manual and test steps together.
- Run tool control and foreign object debris checks at every shift change, with no tool losses in the past two years, reporting every discrepancy to the supervisor immediately.
- Plan task sequencing with planners at the start of each shift to keep aircraft moving through the hangar without idle bays, adjusting the plan when parts or findings change.

Aircraft Mechanic Jan 2022 - Feb 2024

- Performed line and base maintenance on narrow-body aircraft, including brake, tire, and landing gear servicing to the manual, and signed off completed task cards on time.
- Troubleshot avionics and fuel system faults using manuals and test equipment, clearing most of them within the same shift and avoiding delays to scheduled departures.
- Completed corrosion and structural inspections and wrote clear findings that engineering used to schedule repairs on later checks, reducing repeat findings on the same aircraft.
- Replaced engine accessories and borescoped engine sections, recording the results to the airline's documentation standards, then completed the associated records without errors.
- Trained three apprentice mechanics on safety wire, torque procedures, and logbook entries, and signed off their first supervised tasks, then reviewed their first records for accuracy.

Aircraft Mechanic Jun 2020 - Dec 2021
Alaska Airlines, Seattle, WA

- Handled overnight line maintenance on regional jets, clearing deferred items and meeting the scheduled morning departure times on nearly every shift of the winter schedule.
- Applied approved repair procedures for dents and minor skin damage and recorded each repair in detail, with no rejections on later quality inspections or audits.
- Supported cold-weather operations by checking de-icing readiness and servicing fluids during the peak winter schedule across three severe weather weeks without missed departures.

Aircraft Maintenance Technician Jul 2019 - May 2020
Signature Aviation, Orlando, FL

- Serviced piston and turboprop aircraft for private owners and completed 100-hour and annual inspections on schedule and explained findings clearly to owners and their pilots.
- Kept logbook entries accurate and traceable and passed every FAA records audit at the shop by cross-checking part numbers against invoices before sign-off.
- Diagnosed ignition, magneto, and electrical issues and returned aircraft to owners quickly without repeat visits, using standard tests and manufacturer troubleshooting charts.

CORE SKILLS

Aircraft inspection | Mechanical repair | Airframe maintenance | Powerplant systems | Avionics troubleshooting | Hydraulics | Landing gear | Borescope inspection | Maintenance documentation | Corrosion control | FAA regulations | Tool control | Task card compliance | Team leadership | Hangar planning | Aircraft records | Hand and power tools | Quality assurance

EDUCATION

Associate Degree in Aviation Maintenance Technology, Spartan College of Aeronautics and Technology, Tulsa, OK

CERTIFICATIONS

FAA Airframe and Powerplant (A&P) Certificate | OSHA 10-Hour General Industry | FAA General Radiotelephone Operator Licence | Hazardous Materials Handling Training (49 CFR) | Human Factors in Aviation Maintenance Training