Jacob Green

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EDUCATION

1/2019 - 1/2021 **Pittsburgh Institute of Aeronautics; West Mifflin, PA**

- Airframe and Powerplant (A&P) Certification (1/2021). Examples of work done include: Fabrication of a wing using metal working, various riveting techniques, sewing, patch repair, and painting, removal of engines from varying aircrafts and performing inspection procedures.
- Associate's Degree in Specialized Technology - Aviation Maintenance Technology (8/2020)

WORK EXPERIENCE

08/2025 - present **Mustang Sally Aviation**

- Performed 100 hour and Annual inspections on Cessna 172 R & S models, some with g1000 setups, Cessna 150G, L & M models, Cessna 175 Cessna 182P, Cessna T210 N, Piper cherokee 140
- Serviced Lycoming models: O-360, IO-360 and Continental models: O-200, O-470, TSIO-520
- Worked as Director of Maintenance supporting a flight school operation with a rotating fleet of 10 aircraft, working along side dispatch and owners to provide a professional and safe atmosphere.
- Solely responsible for maintaining the hangar and the maintenance department including: ordering and receiving parts, researching, building relationships with different companies, maintaining hangar cleanliness, scheduling appropriate times for inspections and squawks to be completed, maintaining clean aircraft logs entries and books, speaking directly with the local FSDO to facilitate a 141 operation for the flight school.
- Worked alongside chief pilot to fly out on short notice to resurrect out of annual/non airworthy planes that owner purchased and ensured a safe return back to KLGB.
- Constantly investing in myself by purchasing high quality tools and toolboxs

01/2024 - 07/2025 **Pilotsmith**

- Performed 100 hour and Annual inspections to support a growing fleet of Cessna 172L,M,N,P,R, and S model aircraft, G6 & G7 Cirrus SR20 and 22T, and Piper Seminole.
- Serviced Lycoming models: O-320, IO-360, and IO-390. Continental models: TSIO-550-K
- Worked directly with Director of Maintenance to coordinate crew of 5 to complete various tasks, squawks, inspections, growing into a leadership role as Lead Mechanic.
- Stocked and maintained an expansive parts department to ensure efficient turnaround times.
- Tracked inspection times and coordinate schedule on Flight Schedule Pro.
- Supported a secondary location with mobile AOG work preforming: oil and tire changes, flight control replacements, and various unplanned maintenance events.
- Displayed individualism through tool accountability, solo projects such as major sheet metal projects, GI-275 engine monitor install, various successful troubleshooting events.

11/2022 - 12/2023 **Gulfstream Aerospace**

- Performed scheduled maintenance on Gulfstream models: G150, G200, G280
- Performed scheduled maintenance on Honeywell TFE731-40AR-200, Pratt & Whitney PW 306A, and Honeywell HTF7250G engines
- Consulted computer programs to access aircraft drawings, documents, and manuals needed for inspections
- Performed service bulletins, major removal and installations of components and structures, servicing of hydraulic, crew oxygen, tires, engine and APU oil, and water systems
- Displayed tool accountability through the use of company issued tool boxes and tool room barcode scanners
- Removed corrosion on steel and aluminum, blending the metal for a smooth finish and applied primer and paint as needed
- Performed microbial growth cleaning and several fuel tank related tasks

1/2021 - 4/2021 **Boutique Air, Johnstown; PA**

- Performed scheduled maintenance on Pilatus PC-12 and the PW PT6A

- Major experience removing interiors and inspecting for corrosion. Experienced in installing Fastboot deice boots, removing and installing tires and brakes, installing new wiring, and performing operational tests.
- Performed full interior removal and installation to facilitate maintenance including removal of the crew and passenger seats, sidewalls and headliner, floor panels, lavatory assembly and baggage compartment
- Performed servicing and removal and replacement of wheel and tire assemblies as well as the brake assembly
- Performed wiring modifications to the heater control box for the deice boot sequencing
- Consulted computer based programs to access aircraft documents, manuals, and drawings needed to complete aircraft maintenance and inspections
- Displayed personal tool accountability by the use of a foam shadowed personal toolbox and daily toolbox audits
- Assisted in many AOG services, traveling to many different states with little notice to perform needed maintenance to return aircraft to service