

AIRCRAFT MAINTENANCE RECORDS N19274

Logbook # 3.

Aircraft Manufacturer Cessna.

Aircraft Model 177B.

Aircraft Serial no 17702566.



Courtesy of:

Aero-Tech Services
500 Airport Rd. Suite P
Lititz, PA 17543
717-394-2675

N19274 AIRFRAME
MARCH 26, 2021 TACH 1796.0 TOTAL TIME 1796.0

REPLACED AIR FILTER ELEMENT. CLEANED FUEL PUMP SCREEN. CLEANED AND INSPECTED FUEL SUMP. REPLACED VACUUM REGULATOR FILTER. CLEANED AND REPACKED WHEEL BEARINGS. SERVICED TIRE PRESSURES. SERVICED BATTERY. C/W YEARLY ELT INSPECTION IAW FAR 91.207D. ELT BATTERY REPLACEMENT DUE DATE IS MAY 2022. GREASED GEAR. SERVICED BRAKE SYSTEM. LUBED FLIGHT CONTROLS. CONDUCTED LIGHT CHECK. PRESSURE CHECKED FUEL SYSTEM FOR LEAKS. STOP DRILLED AND SEALED RIGHT STABILATOR TIP. TIGHTENED SHIMMY DAMPENER. TIGHTENED LOWER NOSE STRUT MOUNTING BOLTS. REMOVED SCREW FROM BELOW FLOOR OF BAGGAGE AREA. CLEANED BELLY. C/W AD 2011-10-09 BY INSPECTION AND NO DEFECTS NOTED.END.

Jeffrey Schwanger A&P 171487058

MARCH 26, 2021 TACH 1796.0 TOTAL TIME 1796.0

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.END.

Jeffrey Schwanger A&P 171487058
A&P 171487058 JEFFREY SCHWANGER

5-6-21 Hobbs 577.4

CESSNA 177B CARDINAL N19274

REPAIR AEROCRUZE 100 AP "sensor failure" by RGR Controller with Exchange P/N 8000-175 S/N 19215001 and Repair Harness to fix pitch servo w/ly insp by replace 2 pins and RWG harness now ok & Ramp test ok.

LANCASTER AVIONICS INC
LANCASTER AIRPORT
LITITZ, PA 17543

REF. W/O 2580

DATE 5-6-21

CERTIFICATE NO. LN7R261N

SIGNED *James Good*

N19274 AIRFRAME
JULY 1, 2021 TACH 1811.7

REPLACED VACUUM PUMP WITH O/H PUMP PN 215CC, SN 195688. PURGED VACUUM LINE AND REPLACED CENTRAL FILTER. OPS CHECK NORMAL.END.

Kevin Wenrich A&P 176689980
A&P 176689980 KEVIN WENRICH

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 6780 09-September-2021 WO# 25800 HOBBS 823.0
N19274 S/N 17702566 CESSNA 177B

**** ITEM # 25800-1 AUTOPILOT SENSOR FAILURE ****
DISCREPANCY: AEROCRUZE 100 AUTOPILOT "SENSOR FAILURE".
Model: VZN PMA F Part#: 8000-175
ACTION: 09/09/21 - REMOVED LOANER CONTROLLER, P/N 8000-175, S/N 19215001. INSTALLED REPLACEMENT CONTROLLER, P/N 8000-175, S/N 2101KT0205. FINAL CHECKS GOOD.

**** ITEM # 25800-2 REPAIR STATIC SYSTEM LEAK ****
DISCREPANCY: PERFORMED REQUIRED STATIC SYSTEM LEAK CHECK AFTER INSTALLING REPLACEMENT AUTOPILOT CONTROLLER. FOUND STATIC SYSTEM HAS A "WIDE OPEN" LEAK WHICH EXCEEDS ALLOWABLE TOLERANCE.
ACTION: ISOLATED LEAK TO THE ALTERNATE STATIC SOURCE SWITCH. ACCESSED AND DISASSEMBLED ALTERNATE STATIC SWITCH AND REPLACED FAULTY O-RING. REASSEMBLED AND REINSTALLED ALTERNATE STATIC SWITCH. FINAL LEAK CHECK ANALYSIS PASSES WITHIN ALLOWABLE TOLERANCE WITH A 10 FT/MIN LEAK @ 1,000 FT AGL PRESSURE ALTITUDE.

Todd Adams
Todd Adams

N19274 AIRFRAME
APRIL 7 2022, TACH TIME 1852.0 TOTAL TIME 1852.0

REPLACED AIR FILTER ELEMENT. CLEANED FUEL PUMP SCREEN. CLEANED AND INSPECTED FUEL SUMP. REPLACED VACUUM REGULATOR FILTER. CLEANED AND REPACKED WHEEL BEARINGS. SERVICED TIRE PRESSURES. INSTALLED NEW CONCORDE RG35-AXC BATTERY S/N 41211349 AND BATTERY MASTER CONTACTOR. C/W YEARLY ELT INSPECTION IAW FAR 91.207D. REPLACED ELT BATTERIES. ELT BATTERY REPLACEMENT DUE DATE IS 6/2024. GREASED GEAR. SERVICED BRAKE SYSTEM. LUBED FLIGHT CONTROLS. CONDUCTED LIGHT CHECK. PRESSURE CHECKED FUEL SYSTEM FOR LEAKS. INSTALLED NEW GASKETS ON LEFT AND RIGHT FUEL QUANTITY TRANSMITTERS. TIGHTENED LEFT STABILATOR HINGE MOUNT BOLTS. REPLACED LININGS AND BACK PLATE ON RIGHT BRAKE CALIPER. INSTALLED NEW BATTERY MASTER CONTACTOR. C/W AD 2011-10-09 BY INSPECTION AND MEASUREMENT, NO DEFECT NOTED AT THIS TIME, NEXT DUE AT TACH 1952.0. END.

APRIL 7, 2022 TACH TIME 1852.0 TOTAL TIME 1852.0

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. END.

Jeffrey W Schwanger IA 171487058
A&P 171487058 JEFFREY W SCHWANGER

N19274 AIRFRAME

REPLACED AIR FILTER. CLEANED AND INSPECTED FUEL PUMP SCREEN. CLEANED AND INSPECTED FUEL SUMP SCREEN. REPLACED VACUUM REGULATOR FILTER. CLEANED AND REPACKED WHEEL BEARINGS. SERVICED TIRE PRESSURES. SERVICED BATTERY. C/W YEARLY ELT INSPECTION IAW FAR 91.207D. ELT BATTERY DATE JULY 2029. GREASED NOSE GEAR. SERVICED HYDRAULIC/BRAKE SYSTEM. LUBRICATED FLIGHT CONTROLS. CONDUCTED LIGHT CHECK. PRESSURE CHECKED FUEL SYSTEM. REPLACED FUEL TANK VENT HOSE AND CLAMPS IN LEFT WING INBOARD OF PITOT TUBE. CLEANED OUT SHAVINGS AND RIVET HEADS OUTBOARD OF LEFT FUEL BAY. RESECURED CLAMP FOR PITOT TUBE WIRES IN LEFT WING BY FUEL SENDING UNIT. LUBED UPPER LEFT FLAP MOTOR SLIDE TUBE LEFT WING. REMOVED DEBRIS AFT OF LOWER AFT STABILATOR PULLEY. LUBRICATED AND FREED UP BOTH TRIM PULLEYS IN AFT FUSELAGE. REMOVED DRILL SHAVINGS AND RIVET TAILS FROM OUTBOARD RIGHT FUEL BAY. REMOVED LEFT AILERON PULLEY IN FORWARD WING ROOT LEFT WING, SHIMMED PULLEY TO PREVENT RUBBING ON CABLE GUARD, REPLACED BOLT, SET CARRY THROUGH TENSION TO 40 LBS. CLEANED AND TREATED CORROSION AT FORWARD VERTICAL FIN ATTACH BRACKET. SECURED WIRES AT FORWARD VERTICAL FIN ATTACH POINT. REPLACED ELT BATTERY. CLEANED BELLY. END.

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. END.

Kevin P Wenrich A&P 176689980 I.A.
IA 176689980 KEVIN P WENRICH

N19274 AIRFRAME

REPLACED AIR FILTER. CLEANED AND INSPECTED FUEL PUMP SCREEN. CLEANED AND INSPECTED FUEL SUMP SCREEN. REPLACED VACUUM REGULATOR FILTER. CLEANED AND REPACKED WHEEL BEARINGS. SERVICED TIRE PRESSURES. SERVICED BATTERY. C/W YEARLY ELT INSPECTION IAW FAR 91.207D. ELT BATTERY DATE JULY 2029. GREASED NOSE GEAR. SERVICED HYDRAULIC/BRAKE SYSTEM. LUBRICATED FLIGHT CONTROLS. CONDUCTED LIGHT CHECK. PRESSURE CHECKED FUEL SYSTEM. REPLACED FUEL TANK VENT HOSE AND CLAMPS IN LEFT WING INBOARD OF PITOT TUBE. CLEANED OUT SHAVINGS AND RIVET HEADS OUTBOARD OF LEFT FUEL BAY. RESECURED CLAMP FOR PITOT TUBE WIRES IN LEFT WING BY FUEL SENDING UNIT. LUBED UPPER LEFT FLAP MOTOR SLIDE TUBE LEFT WING. REMOVED DEBRIS AFT OF LOWER AFT STABILATOR PULLEY. LUBRICATED AND FREED UP BOTH TRIM PULLEYS IN AFT FUSELAGE. REMOVED DRILL SHAVINGS AND RIVET TAILS FROM OUTBOARD RIGHT FUEL BAY. REMOVED LEFT AILERON PULLEY IN FORWARD WING ROOT LEFT WING, SHIMMED PULLEY TO PREVENT RUBBING ON CABLE GUARD, REPLACED BOLT, SET CARRY THROUGH TENSION TO 40 LBS. CLEANED AND TREATED CORROSION AT FORWARD VERTICAL FIN ATTACH BRACKET. SECURED WIRES AT FORWARD VERTICAL FIN ATTACH POINT. REPLACED ELT BATTERY. CLEANED BELLY. C/W AD 2011-10-09 BY INSPECTION AND MEASUREMENT, NO DEFECT NOTED NEXT DUE DATE 5-25 TACH 1896.0. C/W AD 2023-02-17 BY INSPECTION AND EDDY CURRENT TESTING, NO DEFECT NOTED. END.

I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. END.

Kevin P Wenrich A&P 176689980 I.A.
IA 176689980 KEVIN P WENRICH

Logbook Entry

MFG Cessna-177 Assembly P/N: 1743020-1 Shimmy Damper
CLEANED, STRIPPED, INSPECTED, PAINTED HOUSING

REPLACED THE FOLLOWING PARTS

WITH NEW PARTS:

PN AN6227-B9 2 ea 1 ea Loctite Seal.
PN AN6227-B19 1 ea.

ABOVE ASSEMBLY

ALL WORK COMPLETED IAW AIRCRAFT IPC/ SERVICE MANUAL
THE ABOVE PART RETURNED TO SERVICE AT THIS TIME. THE ABOVE UNIT NOT ON AIRCRAFT AT THIS TIME,

NAME: William Gotschell A&P # 3550065 DATE 1/5/24

AIRCRAFT RETURN TO SERVICE AFTER INSTALLED ABOVE ASSY

I HAVE INSTALLED THE ABOVE (UN-DAMAGED) UNIT ON AIRCRAFT AT THIS TIME, I HAVE AS AN A&P
INSPECTED AND INSTALLED UNIT ON AIRCRAFT. I RETURNED TO SERVICE THIS AIRCRAFT. FOR THE INSTALLED
UNIT, IAW AIRCRAFT MANUALS.

TACH TIME: 1939.2 DATE: 03/20/2024

NAME: Kevin P. Wennich A&P # 176689980

MAKE: Cessna
MODEL: 177
S/N: 177-02566
REG. NO: N19274
WORK ORDER: 24099



Lancaster Aero, LLC.
311 Airport Drive
Box 331
Smoketown, PA 17576
Phone: 717-394-5805

DATE: 6/1/2024
A/C TSN: 1943.4
TACH: 1943.4

Airframe Entries

- Performed annual inspection in accordance with FAR43, appendix D.
- Complied with AD 11-10-09 "Seat Rail/Track Assembly" by visual and dimensional inspections. No defects noted, next due at TT: 2043.4 or 06/2025.
- Complied with FAR 91.207(d) inspection of ELT (s/n: 317-14955), no discrepancies noted. Battery due 07/2029.
- Installed new vacuum regulator filter.
- Installed new hinge on right cowl flap.
- Installed three new bulbs in instrument panel post lights.
- Installed new lower left cowl receptacle.
- Installed new right brake disc and brake lining.
- Rotated right main tire.
- Charged battery, cleaned fuel gascolator and electric fuel pumps screens, lubed flight controls, cleaned and repacked wheel bearings, lubricated nose gear, and filled brake fluid reservoirs.

I certify that this aircraft has been inspected in accordance with an Annual Inspection and has been determined to be in Airworthy condition.

DATE: 6/1/2024

SIGNED:

Troy M. Santangelo, IA: 2773146

Work Order: 24099

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