

#3

**AIRCRAFT LOG
AND MAINTENANCE RECORD**

AIRCRAFT LOG AND MAINTENANCE RECORD

Type AP-12

Record of CESSNA 177 RG 0303
Make Model Serial Certificate

With Engine LYCOMING I0360 A1B6D L-9653-51A
Make Model Serial

From 11-09-2018 19 To 19

Detailing Time From _____ To _____
Hours—Minutes Hours—Minutes

Owner _____

Address _____

MEMORANDA OF IMPORTANT INFORMATION AND DETAILS

Enter on this page any important facts of which you need a permanent record. These should include Make, Design Number, and Serial Numbers of such major accessories and parts as: Propeller, Wheels, Radio, Instruments, Starter, Carburetor, Generator, and all other expensive and important equipment. Enter here also memoranda regarding the weights of any such special equipment; together with any other data which might be valuable at a later date.

EXCERPT FROM THE CIVIL AIR REGULATIONS

CAR-01.730 AIRCRAFT LOG: The registered owner of a certificated aircraft shall maintain an aircraft log book therefor, and shall be responsible for recording in such log book current reports of line and periodic inspections, the flight time of the aircraft, rigging changes in the aircraft, and repairs and alterations of the aircraft structure and of the propeller.

CAR-01.732 The log books required in CAR-01.730 and CAR-01.731 shall be carried in such aircraft at all times when it is away from the landing area regularly used as its base of operations, provided, however, that log books for certificated airline aircraft may be maintained and kept at terminals.

INSTRUCTIONS FOR THE USE OF THIS LOG BOOK

All required data must be entered in the proper columns regularly. The column headed REMARKS is particularly important, for in that column must be entered the following information:

1. A record of all Line and Periodic inspections and results.
2. A record of all accidents in which the aircraft is involved, whether major or minor. All entries covering alterations or repairs to aircraft or propeller shall be endorsed by the certificated mechanic responsible for same, including his rating and certificate number.
3. A record of rigging changes; all repairs and alterations to aircraft or propeller; changes in engines or propellers; and a record of operation of both—installed, and also prior to installation.
4. When repairs or alterations to aircraft or propeller necessitate submission of Form AC-18-1 (Repairs and Alterations) the duplicate of this form shall be incorporated in the back of this book, and become a part hereof; and each such incorporated form shall be noted in the REMARKS column.
5. A record of all repairs to instruments used on certificated airline aircraft.

MAKE ALL ENTRIES WITH PEN AND INK—MAKE NO ERASURES

DATE 19____	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT

El Paso Aero. Inc.

Avionics Associates
7305 Boeing Drive
El Paso, Texas 79925
FAA CRS#VL1R562K

N#: N19030
S/N: 177RG0303
Tach: 987.1

Mfg: Cessna
W.O.#: 69216

Model: 177RG
Date: 11/14/18

Page 1 of 1

The following maintenance performed in accordance with Maintenance Manual and current service information:

- Installed New ACK 406 ELT System Model No. E-04 S/N 025252 in accordance with ACK Technologies Installation Manual No. E04M Rev. 1.8 dated 12/02/15, interfaced to existing GNS-430W for position and ops checked system as ok per FAR91.207 – HEX ID No. 2DC88 AC548 FFBFF – battery expires 09-11-2023.

This aircraft is approved for return to service and is airworthy with respect to the work performed. Pertinent details of work performed are on file at this agency under WO#69216.


Tony Chenausky

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP
OF NEXT PAGE

DATE	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS - RIGGING CHANGES - ALTERATIONS - REPAIRS - AND CHANGES IN PROPELLER OR ENGINE - AS OUTLINED IN THE FRONT OF THIS BOOK, UNDER THE HEADING: "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
19	

2/14/19 ME TTAF 2800 Based on 2800 hours 7/1/10

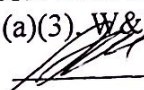
El Paso Aero, Inc.
Avionics Associates
7305 Boeing Drive
El Paso, Texas 79925
CRS#VL1R562K

N#: N1903Q
S/N: 177RG0303
TACH: 992.9

Mfg: Cessna
W.O.#: 69800

Model: 177RG
Date: 2/8/19

Removed existing King KT-76A transponder. Installed Appaero Stratus ESG ADS-B transponder IAW STC#SA01714WI, FAA Document N 8900.362 and install manual 600840-000032 Rev 2.2. System programmed and tested IAW install manual and operates correctly. FMS 60658-000075 Rev. 2.1 dated 11/27/18 added to POH and ICA 600845-000025 Rev. 2.2 added to a/c records. Complied with FAR 91.413 and 91.411(a)(2) and (a)(3). W&B change negligible. 337 submitted. Ops manuals in a/c.


Tony Chenausky

Alpine, TX 79830

Aircraft
Date: 30 March 2019

Aircraft Registration: N1903Q

Aircraft S/N: 0303 Hobs T/T: N/A

TACH Time: 994.6

Installed oil filter converter kit PN: 54E23093 I/AW Lycoming special service publication SSP-885-2 (due replacement at over haul). Replaced engine oil filter new Champion PN: CH48103-1 and changed engine oil serviced with 8 quarts of Phillips XC 20W50. Run up and leak check ok. *[Signature]*

Tony C Boydston A&P 449151171 IA

Alpine, TX 79830

Aircraft
Date: 27 May 2019

Aircraft Registration: N1903Q Aircraft S/N: 0303 Airframe T/T: 2860.8 TACH Time: 994.8 / 0000.0

Removed airspeed indicator PN: EA-5174-0105-CES, SN: 960 and replaced with new airspeed indicator PN: 8000-446 codeB, SN: 217786 due to non-working indicator. Removed tach indicator PN: unknown, SN: unknown and replaced with new tach PN: D1-112-5025, SN: 30262, replaced new tach cable PN: PE-000-0240. Run up and flight check ok. *[Signature]*

Tony C Boydston A&P 449151171 IA

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19

WEIGHT AND BALANCE REVISION DATE: 06/19/2018

EMPTY WEIGHT 1703.57

MOMENT 177451.2

C.G. 104.17

USEFUL LOAD 1096.43

Aircraft
Date
6 January 2020

Aircraft Registration: N1903Q Aircraft S/N: 0303 ACFT T/T: 2873.8 TACH Time: 13.0

Complied with annual inspection of aircraft in accordance with Cessna 177RG service manual checklist, and FAR 43 APP D. Removed panels, inspected and lubed all flight controls and inspected for cracks. Replaced new main gear right tire PN: 15X6.00-6 and tube PN 6.00-6 due to worn spot. Replaced new left hand door hinge door pin PN: MS20392-1C13 due to improper hardware. Replaced servicable left hand brake caliper assembly PN: 30-75, due to crack. Replaced new brake caliper upper elbow fittings left and right PN: AN914-1D. Inspected and lubed main landing gear, completed 5 cycle gear swing to include emergency pump cycle, with no faults. Complied with FAR 91.207 per para D, ELT function test. Complied with AD 2011-10-09, seat track and roller wear. Aircraft run up and test flight complete. I certify that this aircraft has been inspected in accordance with an annual inspection and determined to be in airworthy condition. Tony C Boydston Tony C. Boydston A&P449151171IA

Alpine, TX 79830

Aircraft
Date: 18 July 2020

Aircraft Registration: N1903Q Aircraft S/N: 0303 Airframe T/T: 2892.0 TACH Time: 31.2

Replaced engine oil filter new Champion PN: CH48103-1 and changed engine oil serviced with 8 quarts of Phillips XC 20W50. Run up and leak check ok. Tony C Boydston
Tony C Boydston A&P 4382123 IA

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP
OF NEXT PAGE

Aircraft
Date
24 May 2021

Aircraft Registration: N1903Q Aircraft S/N: 0303 ACFT T/T: 2893.6 TACH Time: 32.8

Complied with annual inspection of aircraft in accordance with Cessna 177RG service manual checklist, and FAR 43 APP D. Removed panels, inspected and lubed all flight controls and inspected for cracks. Tightened loose scat hose at muffler to heater. Cleaned and inspected gascolator and fuel screens. Cleaned oil out of wings. Replaced new VOR antenna block PN: 1770003-1, due to broken. Trouble shoot and adjusted nose gear magnetic switch, due to no amber up light light. Completed 5 cycle gear swing to include emergency pump cycle, with no faults. Complied with FAR 91.207 per para D, ELT function test. Complied with AD 2011-10-09, seat track and roller wear. Aircraft run up and test flight complete. I certify that this aircraft has been inspected in accordance with an annual inspection and determined to be in airworthy condition. Tony C. Boydston Tony C. Boydston A&P 4382123 IA

Aircraft
Date
11 July 2021

Aircraft Registration: N1903Q Aircraft S/N: 0303 ACFT T/T: 2893.6 TACH Time: 32.8

Removed starter Prestolite PN: M7-4206, SN: FA1659A and replaced with new starter Skytech PN: 149-NL, SN: H-V061596. Operational check ok Tony C. Boydston Tony C. Boydston A&P 4382123 IA

[illegible]

DATE

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19

EPIC AERO
GROUP LLC

Date: 7/12/2021 Aircraft: N1903Q Cessna 177RG

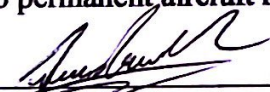
S/N: 177RG0303 Tach: 34.1

Engine: O-470-R(46) S/N: 811896-R SMOH: 435.1 ENGTT: 2,009.7

1. Adjusted propeller governor max RPM stop IAW Cessna 177 MM with proper indications of max RPM indications noted.

I certify this Aircraft is returned to service for the work performed.

Ryan Smith *Ryan Smith* A&P 3918877

DATE 19__	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
Posada Aviation LLC (954) 822 0546 posadaaviation@gmail.com A/C: N1903Q Tach: 121.4 Date: 12/01/2021 1974 Cessna 177RG S/N 177RG-0524							
Removed and replaced RH and LH fuel caps w/ new Monarch and adapter set from STC kit SA2458CE; drained both tanks fully, cleaned all debris and contaminants, installed painted plates with screws provided and fuel sealant CS3204B1-2. Installed IAW STC instructions and drawing list No. CFC100-WW, Rev. B, dated 11-07-92. Attached STC and form 337 docs to permanent aircraft records. Visually leak checked top of tanks. RTS by							
 Nicolas Posada Castaneda A&P 3690890IA							
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE							

DATE

19

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IFR CERTIFIED AVIONICS 5508 AIRPORT BLVD
FAA CRS# 1F4R612D BARTOW, FL. 33830
(863) 944-4356

The transponder identified below was tested according to FAR 91.413
And is approved for return to service.

MFR STRATUS Model ESG S/N 076807

Date 11/18/2021 Tech [Signature]

IFR CERTIFIED AVIONICS 5508 AIRPORT BLVD
FAA CRS# 1F4R612D BARTOW, FL. 33830
(863) 944-4356

I certify the altimeter, static system and altitude reporting test required
by FAR 91.411 and FAR 91.43 Appendix E and F have been performed.
The altimeter has been tested to 20,000 ft.

[Signature] 11/18/2021

IFR CERTIFIED AVIONICS LLC

FAA CRS # 1F4R612D

5508 AIRPORT BLVD

(863) 944-4356

BARTOW, FL. 33830 www.macav13@aol.com


N1903P

ALTIMETER TEST INFORMATION

TESTED IN COMPLIANCE WITH APPENDIX E, PART 43, FAA REGULATIONS

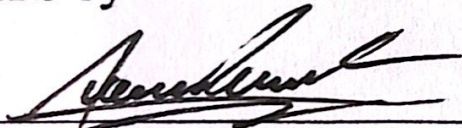
ALTIMETER TESTED TO A MAXIMUM OF 20,000 FEET

ALTITUDE	SCALE ERROR	SCALE TOLERANCE	FRICTION ERROR	FRICTION TOLERANCE	BASE LEAK AT 18,000 FT TOLERANCE 100 FT			
-1000	20	20			AFTER EFFECT TEST READING PRIOR TO TEST <u>-170</u> FT <u>-180</u> READING AFTER TEST <u>-160</u> FT <u>-170</u> AFTER EFFECT <u>0</u> TOLERANCE 30 FT DIFF.			
0	10	20						
500	0	20						
1000	0	20	20	70	HYSTERESIS TEST			
1500	10	25						
2000	0	30	20	70	ALTITUDE 40 & 50% MAX	UP READING	DOWN READING	TOL-ERANCE
3000	0	30	30	70	8000	20	30	75 FT
4000	10	35			10000	10	20	75 FT
5000			30	70	BAROMETRIC SCALE TEST			
6000	10	40						
8000	20	60			BARO. SETTING	ALTITUDE SCALE READ	ALTITUDE DIFF.	TOL-ERANCE
10000	10	80	30	80	28.10	-1730	-1727	25
12000	25	90			28.50	-1340	-1340	25
14000	10	100			29.00	-860	-863	25
15000			40	90	29.50	-390	-392	25
16000	40	110			29.92	-	0	25
18000	80	120			30.50	530	531	25
20000	70	130	40	100	30.90	900	893	25
22000		140			30.99	970	974	25
25000		155		120	DATE TESTED <u>11/18/2021</u> WORK ORDER NUM <u>1679</u> ALTIMETER MODEL <u>5934P-1</u> ALTIMETER SERIAL NUM <u>1D103</u> AVIONICS TECH <u>[Signature]</u> INSPECTOR <u>[Signature]</u>			
30000		180		140				
35000		205		160				
40000		230		180				
45000		255						
50000		280		250				

DATE 19 ____	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
<p>Posada Aviation LLC (954) 822 0546 posadaaviation@gmail.com A/C: N1903Q Tach: 154.3 Date: 02/18/2022 1974 Cessna 177RG S/N 177RG-0524</p> <p>Removed and replaced all tires and tubes in Landing gear IAW Cessna cardinal RG service manual P/N D991-3-13, Dated Sep 1974, Section 5-19 and 5-51. MLG Tires P/Ns 072-449-0 15X6.00-6/6/120. MLG tubes P/Ns 097-500-0 15X6.0-6. NLG Tire P/N 072-308-0 5.00-5/4/120. Serviced tires' pressures IAW aircraft POH. RTS by</p> <p> Nicolas Posada A&P 3690890</p>							
<p>CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE</p>							

Posada Aviation LLC (954) 822 0546 posadaaviation@gmail.com
A/C: N1903Q Tach: 172.2 Date: 03/16/2022
Lycoming IO-360-A186D S/N L-9653-51A

Serviced engine oil with 7 Quarts of Philips 20W50 + Oil filter AA48103-2 + 11.2 oz of camguard oil additive. Gathered oil sample, sent to Blackstone Oil Labs. Ran engine for leak, operation and performance check. RTS by



Nicolas Posada A&P 3690890

REMARKS

D. Posada Aviation LLC (813) 377 3089 posadaaviation@gmail.com

A/C: N1903Q Hobbs: 0.0 Tach: 206.6 AFTT: 3067.4 Date: 06/17/2022

19- 1974 Cessna 177RG S/N 177RG-0303

Performed inspection in reference to Cessna Cardinal RG Series Service Manual P/N D991-3-13, Rev. 3 Dated Sep 1974, inspection criteria; lubed all controls, hinges and pulleys; performed ELT test and inspection per FAR 91.207(d); battery next due Sept 11-2023. Finished installation of EDM830 JPI Secondary EMS by installing OAT sensor P/N 400510 to front left side of fuselage; interfaced GNS430W RS-232 port #1 with white and gray wires of RS-232 communication to EDM830. GNS430W now shares Aviation RS-232 communication to both AP Trio system and the EDM830. Port #2 of GNS430W is configured per IM to receive Fuel/Shadin. Disconnected vent conduit from left side of fuselage to back of avionics, capped and stowed. Removed and replaced faulty ASI w/ serviceable P/N NP-33D-R S/N 12; installed Garmin ADSB-in system GDL50R P/N 011-03910-15 S/N 4RF101058. Powered GDL with 5A CB shared with XPDR. Permanently installed ADSB box below co-pilot glove-box compartment; relocated unused XPDR antenna in the tail cone, to the front belly, and connected to ADSB-in port w/ new coax cable RG400. Installed dash-mounted GPS antenna P/N 010-12444-10 and connected to GPS port of GDL50R. Replaced Checked and complied with all recurring applicable Airworthiness Directives.

I certify that this aircraft has been inspected IAW an Annual Inspection per detail and scope of 14CFR 43 Appendix D; and was determined to be in airworthy condition. RTS

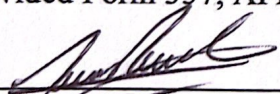

Nicolas Posada IA #3690890

Posada Aviation LLC (813) 377 3089 posadaaviation@gmail.com

A/C: N1903Q Hobbs: 45.8 Tach: 244.3 AFTT: 3105.1 Date: 09/08/2022

1974 Cessna 177RG S/N 177RG-0303

Removed following instruments from instrument panel: Attitude Indicator P/N: 36101c, S/N: 33715. Directional Gyro P/N: 1u262-001, S/N: 70312. Removed Vacuum system components including Gauge P/N: C668509 - S/N: 4362 and Regulator P/N: RA2H3-12 - S/N: 22105-014. Performed all work IAW Cardinal RG series 1971 - 1975 service manual P/N:D991-3-13, dated 1 September 1974. In place of instruments removed installed dual G5 System IAW Garmin G5 Electronic flight instrument Part 23 AML STC Installation Manual P/N: 190-01112-10, Rev 29, dated Dec 2021. System includes: G5 ADI P/N: 011-03809-00, S/N: 4JQ061445. G5 HSI P/N: 011-03809-00, S/N: 4JQ065484. GPS antenna P/N: 011-04036-10, S/N: 641004. GAD 29B P/N: 011-03236-11, S/N: 5DL018228. GAD 13 P/N: 011-04938-00, S/N: 5YG100322. Magnetometer GMU 11 P/N: 011-04349-01, S/N: 5GJ106929 installed in Left wing tip. Programmed unit and calibrated Magnetometer, per IM instructions. Performed successful ground tests. Provided Form 337, AFMS, ICA, and 8130 as applicable to owner/operator. RTS by


Nicolas Posada IA #3690890

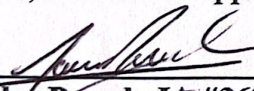
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POSAV LLC (813) 377 3089 niko@flyposav.com

A/C: N1903Q Hobbs: 104.0 Tach: 291.7 Date: 01/17/2023

1974 Cessna 177RG S/N 177RG-0303

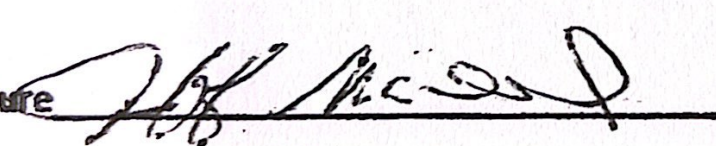
Troubleshoot and repaired broken Cigarette lighter power plug by replacing power wires and installing new component P/N 371849 in place. Power is supplied from main aircraft BUS and component has in line fuse for protection as needed. Troubleshoot and repaired chronometer by repairing lose wires to power up the unit. R/R GNS430 NAV/COM P/N 011-00280-10 S/N 97129660 with serviceable GNS530W NAV/COM unit P/N 011-01064-40 S/N 78416089; configured all settings to what GNS430 unit had. R/R non WAAS GPS antenna with WAAS GPS antenna GA 56 P/N 011-00134-00 S/N 59044069. Removed INOP NAV 2 radio Collins VIR351 S/N 24505 with its CDI KI-203 P/N 066-3034-01 S/N 4542; installed filler plates in place. Verified and ground tested operation of all components repaired/installed above. Provided Form 337, AFMS, and ICA as applicable to owner/operator. RTS by


Nicolas Posada IA #3690890

IFR CERTIFIED AVIONICS 5508 AIRPORT BLVD
FAA CRS# 1F4R612D BARTOW, FL. 33830
(863) 944-4356

I certify the ~~altimeter~~, static system and altitude reporting test required
By FAR 91.411 and FAR 91.43 Appendix E and F have been performed.
The altimeter has been tested to 20,000 ft.

Signature



Date

9/1/2002