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**AIRCRAFT
MAINTENANCE
RECORDS**

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

4

Log No. _____

Aircraft Registration No. N52696

Aircraft Mfg. CRESSNA Model C177RG Serial No. 177RG 1252

Engine Mfg. LYCOMING Model 10-360-A1B6D Serial No. L-17350-51A

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. McCAULEY Model B2D34C207/78TCA-0 Serial No. 774932

Hub Design No. B2034C 207 Hub Serial No. 774932

Blade Design No. 78TCA-0 Blade Serial No's. B75247
B75248

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

www.adlog.com
P.O. Box 1359 / Southold, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

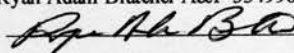
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
11/5/21	2817.61		TOTAL brought forward from previous page

Xpress Aircraft Maintenance 2701 Spence Place, Knoxville TN 37920
N52696 Airframe Entry

Date 11/5/2021 Tach: 2817.61
1977 Cessna 177RG S/N 177RG1252 AFTT: 2817.61

C/W Annual Inspection IAW FAR 43.D. C/W FAR 91.207(d) ELT Inspection, no defects noted. ELT battery expires Sept 2024. Serviced fuel strainer. Replaced induction air filter w/new P/N BA-5705. Serviced wheel bearings w/grease. Inspected brakes, no defects noted. Replaced fwd nose gear door attaching hardware w/new 2ea. MS20392-3C63 Pin, 2ea. NAS42DD8-12FC Spacer, 1ea. P/N MS35489-34 & 6ea. S1819-4L1 bearings. Rigged flight controls as required. Rigged landing gear as required. Replaced both main gear retraction hoses w/new 2ea. P/N AE2463509E0104 & nose gear retraction hose w/new AEAE2463509E0134 & P/N AE2463509E0150. Serviced reservoir w/5606. Performed gear swings, no defects noted. Replaced landing light w/new P/N 4509. C/W AD 11-10-09 "Seat Tracks" by inspection, no defects noted. Replaced electric boost pump w/new 4140-00-17CJ S/N 18260-18264. Ground ran, operational & leak check good.

I CERTIFY THIS AIRCRAFT IS IN AIRWORTHY CONDITION IN REGARDS TO WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

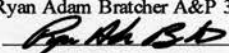
Ryan Adam Bratcher A&P 3349981 IA


Xpress Aircraft Maintenance 2701 Spence Place, Knoxville TN 37920
N52696 Airframe Entry


Date 12/29/2022 Tach: 2848.6
1977 Cessna 177RG S/N 177RG1252 AFTT: 2848.6

C/W Annual Inspection IAW FAR 43.D. C/W FAR 91.207(d) ELT Inspection, no defects noted. ELT battery expires Sept 2024. Serviced fuel strainer. Replaced induction air filter w/new P/N BA-5705. Serviced wheel bearings w/grease. Inspected brakes, resealed LH brake caliper. Serviced and bled brakes w/5606. Serviced gear reservoir w/5606. Performed gear swings, no defects noted. Resealed and serviced shimmy dampner. C/W AD 11-10-09 "Seat Tracks" by inspection, no defects noted. Removed and replaced same engine after repair. Replaced Lord isolator mounts w/new 4ea. P/N J9613-59 and attaching hardware. Replaced alternator bracket w/new P/N 07A21443, alternator brace w/new P/N LW13365 & attaching hardware. R/R Prop to FOM & replaced o-ring w/new P/N A-1633-11. Repaired engine baffles as required. Replaced nose tire & tube with new. Ground ran, operational & leak check good.

I CERTIFY THIS AIRCRAFT IS IN AIRWORTHY CONDITION IN REGARDS TO WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

Ryan Adam Bratcher A&P 3349981 IA


wo: R24016 Airframe - page 1 of 1

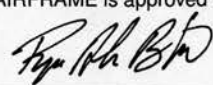


Xpress Aircraft Maintenance · 251 Dry Valley Rd. Hangar N1 · Cleveland, TN 37312 · 865-850-8215



N52696 **CESSNA, 177RG, S/N: 177RG1252** **March 19, 2024**
TACH: 2929.63

C/W AD 23-02-17 FATIGUE CRACKING OF CARRY-THRU SPAR IAW Cessna Service Letter SEL-57-09 rev 1 dated August 3, 2020 and Epps NDT Procedure 04.01 Rev. 3 dated 01/16/15. Carry-Thru Spar was Eddy-Current Inspected by AeroCenter, No Defects Noted. See WO# N4690. Eddy-Current Inspection Report and Carry-Thru Spar Inspection Report Send to Textron Aviation, Team Structures and to the FAA by email (Wichita-COS@faa.gov).

With respect to the work performed, this AIRFRAME is approved for return to service.

Ryan Adam Bratcher A&P IA 3349981 

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
wo: R24003 Airframe · page 1 of 2			
			
Xpress Aircraft Maintenance · 251 Dry Valley Rd. Hangar N1 · Cleveland, TN 37312 · 865-850-8215			
N52696 ACTT: 2926.85	CESSNA, 177RG, S/N: 177RG1252 TACH: 2926.85	February 02, 2024	
<p>Completed Annual Inspection per FAR 43. Appendix D. Checked and lubed all engine and flight controls. Cleaned, inspected and serviced brakes. Serviced Battery. Cleaned, and repacked MLG and Nose wheel bearings. Replaced bracket filter element BA-5710. Tested ELT per FAR 91.207 paragraphs a, b, c and d, Battery Expiration Sep.12th 2024. P/N: E-04 ELT S/N: 029496. Serviced Landing Gear Actuator with MIL-H-5606. Repaired and Rigged NLG Door. Placed Aircraft on Jacks, swung landing gear and performed emergency gear extension. Lubed main and nose landing gear. Removed Fuel Strainer, Cleaned, Inspected, And Reinstalled. Leak Check Good. Installed (1) Ea P/N: MS29513-138 - O-RING, PREFORMED. R&R R/H P-Lead, Installed New R/H P-Lead P/N: 21M-PL48-DBR. OPs Check Good. Researched AD's through 02/2024. AD 11-10-09, Seat Rails and Locking Mechanisms per para II(B)(a)(1-7). C/W by inspection, no defects noted, Next Due 02/25.</p>			
<p>I certify that this aircraft has been inspected IAW FAR 43. Appendix D. Inspection and was determined to be in an airworthy condition.</p>			
<p>With respect to the work performed, this airframe is approved for return to service.</p>			
<p>Ryan Adam Bratcher A&P IA 3349981</p>			
8/24/2024	2953.6	<p>Installed AERO LEDS SUNSPOT 36-4509 HX <i>Mary Step</i> #3019264</p>	
8/25/2024	2953.6	<p>Replaced ELT BATTERY IN ACK 406 <i>Mary Step</i> #3019264</p>	

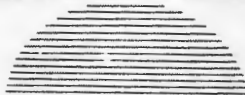
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03/21/2025
Tach: 2958.0
Hobbs: 189.3



N52696
Cessna 177RG
S/N: 177RG1252

Horizon Avionics, Inc.


2445 E. General Aviation Drive, Suite C, Alcoa, TN 37701. Tel: (865) 980-7858 Fax: (865) 980-7701

AIRFRAME LOG ENTRY

CW Annual Inspection IAW FAR 43 Appendix D & reference to Horizon inspection guide. Tested ELT per FAR 91.207, Battery expiration date July 2029. Placed aircraft on jacks, performed gear swing and emergency extension. Serviced fuel strainer. Replaced air induction filter with new P/N BA-5705. CW AD research through 03/2025. CW AD 2011-10-09 "seat rails" IAW Para (g) 1-10, within limits. Lubed and washed aircraft. Ground run and Ops check good.

MAINTENANCE RELEASE

In reference to the work listed above, this airframe was determined to be in an airworthy condition and is approved for return to service. Pertinent details are on file under Work Order No. M6429.

Signed:  Cert. No: 3248355 Date: 3-21-25
For Horizon Avionics, Inc.

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