

LOG # 4

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**

ENGINE

PROPELLER

AVIONICS



AIRFRAME MAINTENANCE RECORDS

Aircraft Registration No. N7504V Log No. 4
Aircraft Mfg. CESSNA Model 177RG-2 Serial No. 177RG-0803

Engine Mfg. LYCOMING Model IO-360-A1B6D Serial No. L-14769-51A
Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. MCCAULEY Model B2D34C207-A Serial No. _____
Hub Design No. _____ Hub Serial No. _____

Blade Design No. 78TCA-0 Blade Serial No's. B108591
ACD26332

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.

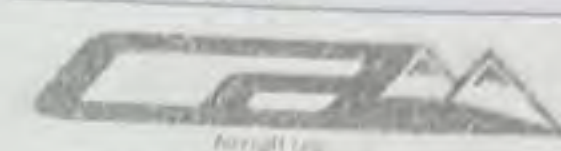
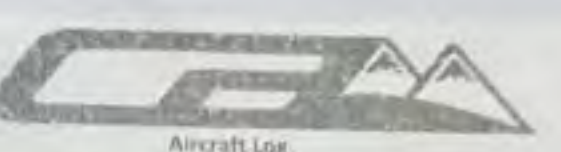
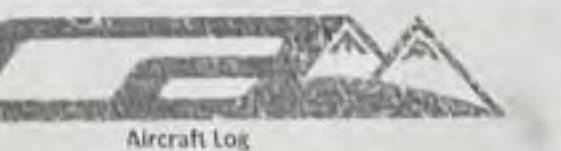
www.adlog.com
P.O. Box 1359 / Southold, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

©1979 AeroTech Publications, Inc.

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	3155.9		TOTAL brought forward from previous page
			Date 05/14/2021 N7504V Cessna 177RG-2 SN 177RG0803 Tach time 3155.9 TTAF 3155.9 Disassembled aircraft for annual inspection. Inspected all cable and pulleys. Inspected wheels and brakes. AD 11-10-09, seat rails, per AD, next due at 3255.9 or annual inspection. All AD,s complied with through Bi-weekly 2021-9 Installed serviceable Concorde RG35-A Battery. Performed gear retraction, and emergency gear extension. Lubed main landing gear bevel gears and all zerK fittings. Set tire pressures. ELT tested per 91.207, passed, installed new battery that expires Jul 2023 Clean bird nests from tail section and engine compartment. Installed, customer supplied, BA5705 air filter I have inspected this aircraft in accordance with an annual inspection and have determined it to be in an airworthy condition at this time. Jeffrey Guy 21479011A <i>JG</i>
5-14-21	3155.9	3155.9	
			Date 03/14/2022 N7504V Cessna 177RG-2 SN 177RG0803 Tach time 3163.8 Disassembled aircraft for carry through spar NDT inspection in accordance with Cessna SEL-57-07. See additional paper work for the eddy current inspection results. Treated carry through with Alodine and Epoxy based Zinc Chromate primer in accordance with SEL-57-07 Aircraft reassembled Work done in accordance with Cessna RG 177 service manual and Cessna SEL-57-07. Aircraft is returned to service. Jeffrey Guy 2147901AP <i>JG</i>

SUB-TOTAL this page

TOTAL-Carry forward to next page

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
			<p>N7504V Tach: 3177.5 ACTT: 3177.5</p>  <p>07/08/2022 C-177RG s/n 177RG0803</p> <p>Cascade Aircraft Management Inc.</p> <p>Complied with annual inspection in accordance with FAR 43 appendix D. Ads researched through 07/08/2022 using current ATP subscription. CLT inspected IAW FAR 91.207(d) ops check good. Battery expiration: 07/2023. Replaced pilots and copilot's seat rollers. CW AD 2011-10-09 (06/17/2011) seat rails and locking mechanisms. Next due 07/2023 tach 3277.5. Installed Cleveland Main Wheel and brake conversion kit P/N 198-B4. Replaced nose wheel with new Cleveland 46-77 wheel. Replaced all inner tubes. Removed King KMA 24 audio panel serial# 27100. Installed new Garmin GMA 350c P/N 010-008741-41 serial# 1UF20597B audio panel. Replaced dual warning unit with serviceable unit P/N 127033-1. DAS ref# 20023. Replaced overhead speaker with new P/N CS96510-0101 Replaced Plane Power alternator with new unit P/N 10-1050A serial# H-W032460 and belt P/N 51597-1-37.5. See Hartzell WOH H-W032460. Rechecked shimmy damper. Replaced LH altern rod ends. Installed STC SA2791CF LH and RH gear position mirrors. See Form 337 this date. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p>Joseph Tway <i>JT</i> 36R2026 A&P I/A</p>
			<p>N7504V Tach: 3177.5 ACTT: 3177.5</p>  <p>07/08/2022 C-177RG s/n 177RG0803</p> <p>Cascade Aircraft Management Inc.</p> <p>Complied with annual inspection in accordance with FAR 43 appendix D. Ads researched through 07/08/2022 using current ATP subscription. CLT inspected IAW FAR 91.207(d) ops check good. Battery expiration: 07/2023. Replaced pilots and copilot's seat rollers. CW AD 2011-10-09 (06/17/2011) seat rails and locking mechanisms. Next due 07/2023 tach 3277.5. Installed Cleveland Main Wheel and brake conversion kit P/N 198-B4. Replaced nose wheel with new Cleveland 46-77 wheel. Replaced all inner tubes. Removed King KMA 24 audio panel serial# 27100. Installed new Garmin GMA 350c P/N 010-008741-41 serial# 1UF20597B audio panel. Replaced dual warning unit with serviceable unit P/N 127033-1. DAS ref# 20023. Replaced overhead speaker with new P/N CS96510-0101 Replaced Plane Power alternator with new unit P/N 10-1050A serial# H-W032460 and belt P/N 51597-1-37.5. See Hartzell WOH H-W032460. Rechecked shimmy damper. Replaced LH altern rod ends. Installed STC SA2791CF LH and RH gear position mirrors. See Form 337 this date. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p> <p>Joseph Tway <i>JT</i> 36R2026 ASP I/A</p>
			<p>N7504V Tach: 3180.6 ACTT: 3177.5</p>  <p>08/01/2022 C-177RG s/n 177RG0803</p> <p>Cascade Aircraft Management Inc.</p> <p>Replaced battery with new Concord RG 35-AV serial# 41231924. Installed Aea seat stops P/N 05-00580. ICA Pilot and copilot fore and aft.</p> <p>Joseph Tway <i>JT</i> 36B2026 A&P I/A</p>

SUB-TOTAL this page

TOTAL-Carry forward to next page

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			
	N7504V		11/01/2022
	(removed)Tach: 3184.7		Cessna 177RG
	JPI Hobbs: 0.0		
	JPI TACH: 0.0		
	ACTT: 3184.7		s/n: 177RG0803
 Aircraft Log Cascade Aircraft Management Inc.			
<p>Removed engine, Lycoming IO-360-A1B6 serial# L-26587-51A. Installed Lycoming engine IO-360-A1B6. Serial# L-26587-51A. Engine OH by Western Airways on WO# W038937. Replaced throttle control P/N MCC-299505-0401, mixture control P/N MCC-299507-0192, propeller control P/N MCC-299505-0401 and cowl flap control P/N MCS1391-27 cables. All M/F airline FAA PMA cables. Replaced flexible fluid lines, Precision Hose Technology kit CE 177RG hose kit. Installed OH propeller governor P/N C29001K/711 serial# 791970. Governor OH by Southwest Aero Inc on WO# 12304. Replaced both fuel level sending units with new C/ES P/N CC184011-0006-0101. Removed MAP/fuel flow gauge, tachometer, complete engine instrument cluster including fuel level gauges, insight GEM, and #2 CDI. Installed JPI EDM P/N 750000-A-915 serial# 12298 using all parts listed on JPI invoice# 168008 IAW STC SA0143551. Airframe and engine times to be tracked using JPI Tach. Installed new Avion control wheels IAW STC SA00709LA. See form 337 this date. Weight and balance revised to reflect change.</p>			
Joseph Tway  3682026 A&P I/A			

TORNADO ALLEY TURBO INC.
 300 AIRPORT RD
 ADA, OK 74820

AIRFRAME LOG BOOK ENTRY
 22 JANUARY 2023
 JPI TACH: 14.2


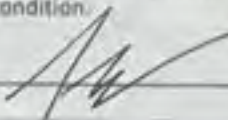

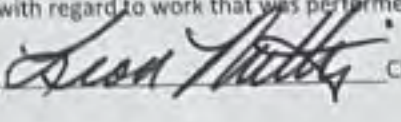


N7504V CESSNA 177RG SN: 177RG0803
 LYCOMING IO-360-A1B6 SN: L-26587-51A C JPI HOBBS: 16.4 ACTT: 3201.1
 INSTALLED "CARDINAL CRUISER" TURBO NORMALIZER SYSTEM. INSTALLATION IS COVERED AND APPROVED UNDER GENERAL AVIATION MODIFICATIONS, INC. STC SE4082NM AND STC SA4081NM. THE INSTALLATION WAS COMPLETED USING TORNADO ALLEY TURBO INSTALLATION INSTRUCTIONS 77-6760001, REV H 14 SEP 2015, MASTER DRAWING LIST D-177RG-100 REV J, 19 NOV 2015 AND CESSNA SERVICE MANUALS. REFER TO AIRPLANE FLIGHT MANUAL SUPPLEMENT AFMS C-177RG SYS III AND 77-6460004 FOR OPERATION AND CONTINUED AIRWORTHINESS.
 REMOVED MCCAULEY B2D34C2P7A S/N 793798
 INSTALLED HARTZELL HC-C2YR-1N/NG8301-5 S/N NS6812B IAW STC SA09871SC
 INSTALLED NEW SCAVENGE PUMP CF101633-0032 S/N SP0507026
 INSTALLED O/H FUEL PUMP 04-655001 MO 13951
 INSTALLED NEW OIL COOLER 8001956 S/N 170
 INSTALLED O/H PRV VALVE 470944-0017 S/N KHN00161
 INSTALLED O/H WASTEGATE 470842-0004 S/N LIN00381
 INSTALLED O/H MP CONTROLLER 470688-0005 S/N MHN00012
 INSTALLED O/H FUEL SERVO 77-6700002 S/N 59156
 INSTALLED O/H TURBOCHARGER 466304-0003 S/N KKL01397
 INSTALLED NEW EXHAUST MANIFOLDS, WASTEGATE MANIFOLD, CABIN HEATER, TAIL PIPE, AND INTERCOOLER.
 INSTALLED ALL NEW EXHAUST PORT BASE GASKETS, FLANGE NUTS, TURBOCHARGER GASKET, AND V-BAND CLAMP.
 INSTALLED NEW FLUID CARRYING HOSES. REPLACED FRESH AIR AND HEATER SCAT TUBING.
 REMOVED LYC FUEL NOZZLES AND INSTALLED TURBOGAMIJECTORS KIT # GT15B-177RG S/N 31182 STC SE094455C
 UPDATED W&B AND AFMS
 RUN-UP, LEAK CHECK, OP'S. & TEST FLIGHT OK. APPROVED FOR RETURN TO SERVICE.
 AIRCRAFT WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS, ADVISORY CIRCULARS, AND APPROPRIATE MANUFACTURER'S MANUALS.

KARL SOBOLIK A&P 003675139 IA

SUB-TOTAL this page

TOTAL-Carry forward to next page

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			
	N7504V		08/02/2023
	Tach: 25.1		Cessna 177RG
	ACTT: 3209.8		s/n:172RG0803
 Aircraft Log Cascade Aircraft Management Inc.			
<p>Complied with annual inspection in accordance with FAR 43 appendix D using Ads researched through 08/02/2023 using current ATP subscription. Removed existing ELT. Installed ACR Electronics, Inc. ELT P/N A3-06-2880 REV F serial# 399184-046ELT and antenna P/N A3-06-2892-1 serial# 398654-021. Inspected IAW FAR 91.207(d) ops check good. Battery expiration: 0/2000. CW AD 2011-10-09 (06/17/2011) seat rails and locking mechanisms. No defects noted. Next due 08/2024 or Tach 125.1 whichever occurs first. Removed OEM sun visors. Installed STC SA4964NM Rosin sun visors per Rosin instructions. Installed STC DA2067NM, BAS front seat lap belts and inertial reel shoulder harness assemblies P/N 4156-1-304-2396 and rear seat lap and shoulder belt assemblies P/N 3021-8-2396. Removed instrument panel LH and RH removable panels and lower LH and RH switch panels and overlays. Fabricated and installed new panels. IAW AC43.13 1B/2B. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.</p>			
Joseph Tway  3682026 A&P I/A			
	N7504V		08/01/2023
	TACH: 25.1		Cessna 177RG
			S/N: 177RG0803
 Aircraft Log Cascade Aircraft Management Inc.			
<p>Removed: (A)Garmin GNS 430W S/N: 23402896 Nav/Com/GPS, (B)Bendix KX 155A Com/Nav S/N: 64141, (C)Navomatic 300A S/N: 5016 w/ Actuator S/N: 2008, (D) RT-359A Transponder S/N: 5903 w/ Altitude Digitizer S/N: 002197, (E) ELT, (F) Nav/Strobe lights w/ Strobe Ballast's (G) Taxi and Landing Lights.</p> <p>Installed: (A)Garmin GTN 750Xi Nav/Com/GPS IFR Navigator S/N: 5FR050525 w/ GA 35 WAAS Antenna S/N: 191165 IAW Garmin Part 23 AML STC Installation Manual 190-01007-C0 Rev. 6. (B) Garmin GNC 255A Com/Nav S/N: 6MM013026 IAW Garmin GTR 225/ GNC 255 TSO Installation Manual 190-01182-02 Rev. 1. (C) Garmin GTX 345 Transponder S/N: 7KV000660 w/ Alt. Enc. S/N: 3T6026904 and CI 102 Antenna S/N: 107509 IAW Garmin GTX 3XX Part 23 AML STC Installation Manual 190-00734-10 Rev. 16. (D) Garmin GFC 500 2-Axis Autopilot with Pitch trim- GMC 507 S/N: 5H1102297, Three GSA 28 Servos S/N: 6N2008800, 6N2008805 and 6N2008843 w/ Garmin Install Kits #52 and #53 IAW Garmin GFC 500 Autopilot w/ ESP Part 23 AML STC Installation Manual 190-02291-00 Rev. 20 and Garmin GFC 500 Install Manual Addendum 190-02291-40 Rev. 3. (E) Dual Garmin GS's S/N: 4JQ064931 and 4IQ061581, GAD 29B S/N: 5DL018645, GMU 11 S/N: 56J107975, GAD 13 S/N: 5YG101443 and GTP 59 S/N: 47981235 IAW Garmin GS Electronic Flight Instrument Part 23 AML STC Installation Manual 190-01112-10 Rev. 29. (F) AeroLeds Sun Tail rear position light S/N: M24216-018 IAW 0009-0018 Certified Suntail Installation Manual Rev. B. (G) AeroLeds Pulsar NS Nav/Strobe lights S/N: 7849309-086 and 7849310-098 IAW Certified Pulsar NS 000800006 Rev G Manual. (H) AeroLeds SunSpot 36-4519 Taxi Light S/N: M24168-008 and SunSpot 36-4509 Landing Light S/N: M23980-002 IAW SunSpot 36 4000 Series Install Manual 0019-0004 Rev. H. (I) MidContinent Turn Coordinator S/N: M22-12799. (K) Two True Blue USB charging parts. (L) Nulite Instrument Bezel LED's (M) VAL Avionics CLA-500 Cockpit Lighting Assy. Post installations performed IAW applicable manuals and aircraft can return to service with regard to work that was performed.</p>			
Leon Nutting  CRS 5C2R7150			

SUB-TOTAL this page

TOTAL-Carry forward to next page

TOTAL brought forward from previous page

N7504V

Tach: 45.5

ACTT: 3230.2



Aircraft Log

Cascade Aircraft Management Inc.

12/04/2024

Cessna 177RG

s/n:177RG0803

Complied with annual inspection in accordance with FAR 43 appendix D using Ads researched through 12/04/2024 using current ATP subscription. C/W FAR91.207(D) ELT inspection and operational check., ELT Batt expires 10/2029. CW AD 2011-10-09 (06/17/2011) seat rails and locking mechanisms. No defects noted. Next due 12/2025 or Tach: 145.5 whichever occurs first. CW AD 2024-14-03 GFC-500 Autopilot, through software update. CW AD 2023-02-17 by subsection (i) Paragraph 1-4 of the AD; See airframe log 03/14/2022 @ tach 3163.8 for compliance details. Replaced LH/RH brake hoses P/N: AE366405680060. Removed RH brake swivel@ gear leg, replaced (2)MS28775-10 O-rings and replaced swivel. Bled both brake circuits. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Joseph Tway

3682026 A&P I/A