



AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N31EN

Aircraft Mfg. Cessna Model 177RG Serial No. 177RG 1155

Engine Mfg. Lycoming Model I0360 A186D Serial No. L-16702-51A

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. McCawley Model B2D 34C 207B Serial No. 961566

Hub Design No. _____ Hub Serial No. _____

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

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)



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Tach replaced at 3053.7

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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			
6-5-98	3067.6	13.9	100 hr. Inspection Completed. Replaced Landing Light, Landing Gear Retraction & Emer. Extension Completed; Aircraft lub. Wheel Bearings Repacked; all AD Comply with See AD Section Aircraft Weighed New Empty Wt. 1831# 4.7 Craft Weighed by Physics Weight USA Inc See Report. June 3-1998 Pascal Chabrol A#P1480372
CESSNA MODEL 177RG N31EN SN: 177RG1155 June 5, 1998 Hobbs 13.9 TT 3067.6 I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition. <i>Ray Krottinger</i> Ray Krottinger AP 460648337 IA			
I HAVE INSPECTED THIS AIRCRAFT <u>N31EN</u> AND FIND THAT IT MEETS THE REQUIREMENTS FOR THE CERTIFICATION REQUESTED AND HAVE ISSUED A STANDARD SPECIAL EXPORT AIRWORTHINESS CERTIFICATE DATED <u>6-10-98</u> THE NEXT ANNUAL INSPECTION IS DUE <u>6-5-99</u> FAR-118-ES-SW <i>Jonathan Coody</i>			
10-26-98	0161.0		Serviced brake master cylinders & hydraulic pump, lubed all hinges, serviced battery and strut and re-mounted both main tires with inboard side walls out.
<i>James Rivers</i> A#P 463905554			

11701 Highway 8776
 75120
 Repair Station # B00R043K

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N31EN AIRFRAME log -

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			TOTAL brought forward from previous page
8-24-99	3237.9	TACH 299.5	Complied with AD^S 87-20-03 R2 Seat Tracks and 930506 by risp and function test. Engine Re-installed After top OH + Repair. Riggied Throttle, Throttle switch, mixture and Prop controls. checked cable tensions, and free play in Trim tabs +135 Replaced Bushings, Pins, and Bolts in nose steering and Retract links as necessary. Resealed nose gear actuator Serviced shimmy, Damper, Riggied nose gear Rod End to 19 LBS and Replaced stock Pads checked Brushes in hyd motor Pak, Cleaned filler screen, AD^S Pressure switch to 1500 PSI, AD^S main gear Rod End 1 turn in to Bring gear up into saddles. AD^S Downlocks Performed Pressure + leak down checks and serviced Power Pack with 5006 Repacked all wheel Bearings. Serviced nose strut. Replaced 4 cowling mounts J1444-14 - Repaired upper and lower cowlings with 032 Alum Doublers. Added new Adel clamps as necessary. Replaced Vac Reg Filter, Replaced GE4509 landing Bulb, cleaned Fuelstrainer, Repaired Baggage Door Arm Retainer Serviced Battery. FAR 91.207 (i) EIT Removed This Date, Dtm 6.1 sw 12612, Waiting on new Battery. Placed "EIT Not installed" Placed on inst Panel in view of Pilot. (ii) must be installed in 90 Days
DATE 8-24-99	T.T. IN SERVICE 3237.9	AD'S CHECKED THRU: Bw 99-10	I CERTIFY THAT
THIS Aircraft	HAS BEEN INSPECTED IN ACCORDANCE	WITH A Annual	INSPECTION AND WAS DETERMINED
SIGNED: [Signature]	TO BE IN AIRWORTHY CONDITION.	ADP 145442036 JA	

GILBERT W VASQUEZ

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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
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03-08-00		Tach: 480.5	REPLACED AIRCRAFT ALTERNATOR BRUSHES & master switch, Resealed nose strut Added 5606 & dry nitro, cleaned & repacked wheel Bearings on nose <i>Bang Thomas</i> ATP529311793
3-17-00		Tach 487.0	ACTHS 3425.4 c/w A 100 hr inspection c/w AD 87-20-03R2 By inspection of seats & seat rails next due @ 587.0, Replaced cowl flap hinges with new, Replaced shoulder harness attach grommets, replaced overvoltage sensor DATE <u>3-17-00</u> T.T. IN SERVICE <u>3425.4</u> AD'S CHECKED THRU: <u>6W00-04</u> I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Shirley Day</u> ATP546231149
5-11-00		Tach: 535.2	REPLACED RIGHT main Brake PADS & DISC, REPLACED TAXI light, Installed COPILOT INSIDE DOOR HANDLE, REPLACED LEFT cower cowl MOUNT, Retracted landing gear ADJUSTED rattle warning Horn microswitch & LEFT main magnetic Reed switch <i>Bang Thomas</i> ATP529311793
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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
06-29-00	Tach:	584.5	C/W 100 hr inspection, C/W AD 87-20-03R2 BY inspection of seats & seat rails next due @ 684.5, C/W AD 93-02-05 inspection of excoming fuel injector lines next due @ 684.5 C/W AD 00-06-01 fuel strainer assembly N/A not installed, replaced nose tire, sealed windshield with clear silicone, replaced main gear bumper assembly
			DATE 06-29-00 T.T. IN SERVICE 3522.9 AD'S CHECKED THRU: BWA-11 THIS AIRCRAFT HAS BEEN INSPECTIONED WITH A 100 HR INSPECTION AND WAS TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Ronnie R. Miller</u> ATP 5293LL793

EAGLE COMMUNICATIONS & ELECTRONICS 798 Airport Loop Twin Falls, ID 83301
 LOG ID# 14 15-August-2000 HOBBS 663.8
 N31EN S/N 177-RG1156 CESSNA 177RG

Pg 1/1

Installed new Avionics Master switch in center console IAW AC 43.13-1B Chapter 11 and standard aircraft methods and practices. Installed Warren Gregoire & Assoc LLC Yoke Hand Grips p/n SX-101 IAW installation data supplied with grips. Repaired Nav antenna connections on Balun. Replaced bad on/off volume control on RT-328 Nav/comm. See work order #1076 for details.

Ronnie Miller
 512808230 Ronnie R. Miller

15 Aug 00
 Date

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N31EN

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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
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8-18-00	3618.8	TACH 680.4	Completed Annual Inspection this date. C/w AD 00-06-01 by logbook research per paragraph (c), no affected fuel strainer assemblies or tap assemblies found to have been installed - no further action required. C/w AD 87-20-03 R2 by inspection of seats and rails, due again by tach 780.4. Replaced parking brake handle tube. Replaced vacuum system central air filter. Replaced forward nose gear door hinges, pins, and bearings. Replaced aft nose gear door hinges on both sides, installed with new hinge pins. Replaced left and right link assemblies on aft nose gear doors, rigged doors per cessna 177Rg Service Manual. Installed repaired exhaust stack on #1 cylinder. C/w FAR 91.207(d) ELT inspection, battery will expire by Oct. 2001. DATE 8-18-00 T.T. IN SERVICE 3618.8 AD'S CHECKED THRU: BW 00-14 I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <i>Shawling</i> / P 546331149 I/A

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DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

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
9-29-00	Tach: 777.5		C/W 100 HR inspection, C/W AD 87-20-03 01 inspection of seats + seat rails checked OK next due @ 877.5, replaced induction air filter BA-5705, replaced 5 top cowling rivets DATE 9-29-00 T.T. IN SERVICE 3715.9 AD'S CHECKED THRU: BW 0017 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Darryl Turner</u> AIP529311293
10-16-00	Tach: 799.9		replaced turn coordinator with M/N 1394T00-1/37RZ AIP529311793
10-27-00	Tach: 817.7		replaced left + right main tires <u>Darryl Turner</u> AIP529311793
1-26-01	Tach: 876.3		Completed a 100 hour inspection, per AD 87-20-03 R2 by inspection of the seats and seat rails checked OK. next due: 976.3. Installed new fuel cap placards P/N BE0604. Rotated L/H main tire, Reseal aft port of fuel selector, leak check OK, install new fuel pump switch P/N S2160-1, installed new pilot Ht. switch P/N S2160-1, serviced Hyd. res. w/ Mil-H-5606 Hyd. fluid. DATE 1-26-01 T.T. IN SERVICE 3814.7 AD'S CHECKED THRU: BW 01-01 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Darryl Turner</u> AIP518100828
			SUB-TOTAL this page
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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
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3-26-01	Tach: 916.7		Replaced left landing light, serviced battery with distilled water + serviced brake master cylinders with Mil-H-5606 fluid. Fred Humphrey ACP 52926332
5-23-01	Tach: 972.7 TTIS: 3911.1		C/W 100 hr Inspection C/W AD 87-20-0322 By Inspection of SEATS AND SCAT RAILS Checked OK. NEXT Due: 10729 HRS. Installed NEW AIR Filter P/N B/A-5705. Replaced Shimmy Damper Pins with P/N MS20392-3C17. Replaced Steering Arm Pin with P/N MS20392-3C17. Replaced Gear up and Gear down hose lines on WOSE GEAR HYDRAULIC ACCUMULATOR. With P/N'S - S2178-4-0134 & S2178-4-0150.
			DATE <u>5-23-01</u> T.T. IN SERVICE <u>3911.1</u> AD'S CHECKED THRU: <u>01-09</u> I CERTIFY THAT THIS <u>ASSEMBLY</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>J. Darnell Jones AS190054</u>
5-29-01	Tach: 980.3		Replaced left main tire p/n 15x6.00-6 GPR Elight Special II. cleaned & repacked bearings. Fred Humphrey ACP 52926332
7-13-01	1004.8		Replaced landing gear hydraulic power pack and motor assembly with Aero-Electric overhauled unit P/N 105932-E S/N AH-7920. Replaced Main gear actuator rod end P/N S3469-1 and reset main landing gear travel. Adjusted Main gear downlock indicator switches. Bled hydraulic system and checked gear rigging. Replaced throttle position warning switch actuator & adjusted switch. <u>John D. King</u>
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TOTAL—Carry forward to next page			AP 518760849.

DESCRIPTION OF WORK PERFORMED—
 SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	
			TOTAL brought forward from previous page
8-13-01	Tach. 1068.7		Completed A 100 Hour inspection. % AD 87-20-03R2 by inspection of seats and rails, checked OK will become due again at Tach 1168.7. Replaced one engine lard mount % J-444-14. Repaired throttle micro-switch wiring. Serviced hydraulic reservoir 1/2 pint. Replaced left and right brake linings % 066-10500.

DATE 8-13-01 T.T. IN SERVICE 4007.1
 AD'S CHECKED THRU Bw 01-15 I CERTIFY THAT
 THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE
 WITH A 100 HOUR INSPECTION AND WAS DETERMINED
 TO BE IN AIRWORTHY CONDITION.
 SIGNED: James McKee AOS 518762249

10-30-01	Tach: 1098.4 A-c IT 4036.8		Completed a 100 hour inspection, % AD 87-20-03R2 by inspection of the seats and seat rails. checked OK next due: 1198.4. % AD 93-05-06 by inspection of the ignition switch I/AW SER 91-SR1. Installed new Parts Kit and diode assy. Next due: ^{A-c IT} 6036.8. Inspected ELT I.AW F.A.R. 91.207 par.(d) and installed a new battery pack, Replacement due: OCT. 2003. Installed new pins, hinges, spacer and bushing in nose landing gear door. Installed a new bearing and race in nose wheel and greased bearings. LM 67048 bearing, LM 67010 Race. Installed new eye bolts in nose landing gear door assy. AN 42B10 and AN 42B13 eye bolts. Cleaned grease chambers in nose gear torque link assys. Installed new fitting in nose gear down lock press. line.
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10-30-01	Tach: 1098.4		(Cont.) P/N AN 833-4D leak check good. Rescued Right main landing gear down lock actuator leak check good. Installed a new induction air inlet filter element P/N BA 5705. Installed a new ground strap on right aileron.
ACTIS	Tach: 4036.8		DATE 10-30-01 T.T. IN SERVICE 4036.8 AD'S CHECKED THRU: B/W 01-19 I CERTIFY THAT THIS ACTIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>[Signature]</u> AIP 51860328
Nov. 1, 2001	4036.8	1098.4	DATE Nov 1, 2001 T.T. IN SERVICE 4036.8 AD'S CHECKED THRU: 2001-21 I CERTIFY THAT THIS Aircraft AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>[Signature]</u> AIP 51860212 IA
6-11-02	TACH 1197.1		Completed A 100 HRC Inspection.
ACTIS-	4135.5		C/W AD 87-20-03 R2 by visual inspection of Cessna seats and seat rails greased main wheel bearings. Replaced Right main tires tube.
			DATE 6-11-02 T.T. IN SERVICE 4135.5 AD'S CHECKED THRU: B/W 602-00 I CERTIFY THAT THIS Aircraft AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HRC INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>[Signature]</u> AIP 519190844
8-7-02	1265.3		Replaced alternator brushes P/N ES4118. <u>[Signature]</u> AIP 518762249

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ENGINE

PROPELLER

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 N31EN
9-6-2002	4232.3	1293.9	Completed Annual Inspection C/W A-D 87-20-03R2 Seat and Rail insp checked OK Next due Tach 1393.9. Insp EIT as per FAR 91.207 par(d) battery pack due Oct. 2003. Replaced R/H cowl flap hinge. Replaced Air Filter element BA-5705. Replace Seal in Nose Strut. Replaced Vac Filters P9-18-1 and B3-5-1. Replace Nose tire socks 4ply. Packed Nose wheel bearings. Replace O-Rings on Fuel Selector. DATE <u>9-6-2002</u> T.T. IN SERVICE <u>4232.3</u> AD'S CHECKED THRU: <u>02-16</u> I CERTIFY THAT THIS <u>Airframe</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Aug Hols</u> AIP518602172 EA
10-21-02		1307.8	Replaced aircraft battery with new Gill G-35 s/n: G02026670 battery. Ops check good. (see) Summary AIP520926332 —
1/21/03	4281.5	1343.1	Replaced right main tire pln: 15x6.00-6 6 PR Flight ²⁵ special II. Cleaned and repacked bearings. (see) Summary AIP520926332 —
3-11-03	4331.6	1393.2	C/W AD 87-20-03R2 per included instructions + Cessna 5E83-6. next Due & Tach 1493.2 — Lubricated AFM per Cessna 177R6 Manual DATE <u>3-11-03</u> T.T. IN SERVICE <u>4331.6</u> AD'S CHECKED THRU: <u>BW 03-04</u> I CERTIFY THAT THIS <u>Airframe</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>D. Aug Deal</u> AIP2613300
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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
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2-11-03	4331.6	1393.2	— Continued from previous entry — — C/w 100 hr Inspection per Cessna 177RG Service Manual — Replaced fuel line between the Engine fuel pump and the fuel strainer with 1 ft of Stratoflex 156 hose and the existing fittings - pressurized + Tested to 110 psi leak ✓ OK. D. Sup Beal AP 2613300
5-21-03		Tach 1420.6	Actuating arm to the uplock Roller Assy found broken ~ Replaced w used serviceable bellcrank assy and installed new connecting rod. X Rigged per Cessna 177RG Maintenance Manual - swung gear many times - good indications and no problems all times. D. Sup Beal AP 2613300
5-30-03		Tach 1434.0	Removed L. Main Wheel Assy. Disassembled cleaned Inspected + Reassembled w New 15x6.00-6 6 ply Tire and Freshly packed bearings. D. Sup Beal AP 2613300
7-17-03	TACH 1489.1	T.T. IS 4427.5	COMPLETED A 100 HR INSPECTION I/A/W CESSNA 177RG SERVICE MANUAL. C/W AD 87-20-03 R2 BY INSPECTION OF SEAT RAILS & SEATS ✓ OK. NEXT DUE 1589.1. REPLACED AIR INLET FILTER P/N BA 5707. REPLACED RH MAIN BRAKE LINES WITH P/N 066-10500 x 2. AD'S CHECKED THROUGH 3-13 I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED WORTHY FOR FLIGHT. REPLACED TAXI LGT P/N 64509. SIGNED: <u>D. Sup Beal</u> AP 2719585

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9-8-03	4523.0	TACH 1584.6	Completed a 100 and 200 hr inspections IAW Lesson 177RG service manual. SW AD 87-20-03R2 Lesson seat and seat rail insp found to airworthy. Repaired right door stop, by replacing rivets w/ new CR 3213 4-4 rivets. AD 87-20-03R2 next due @ 1684.6 Next insp due @ 1634.6
Audit of Aircraft Total Time 4626.1			DATE 9-8-03 T.T. IN SERVICE 4523.0 AD'S CHECKED THRU BW 03-17 I CERTIFY THAT THIS aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH 100+200 hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: Justin Beal AIP 2755019
Nov. 5, 2003	4626.1 4573.6	Tach 1635.2	Completed Annual inspection - Replaced EIT battery part# 00-60-62 battery due date Dec 2005 Ops checked as per F.A.R. 91.207 (par d). Replaced brake linings left side, replaced air filter Part# BA-5707. Replaced Nose landing gear hose part# 11147-490150 Replaced all seat floor rails part# 2011015-5, 8, 9 and -10. Replaced left cowl Flap hinge. Replaced all engine mounts part# J9613-59. Replaced left landing light bulb part# 4509. Installed Fuel cap kit SK 177-400 as per instructions. replaced prop governor after O/H by Precision propeller Part# C290 D 3K/T12 ser# 763869 W.O. 18939. C/U A-D 87-20-03R2 seat and seat rail by insp of seats and replacement of all seat rails Next due at tach 1735.2
			DATE Nov 5, 2003 T.T. IN SERVICE 4573.6 AD'S CHECKED THRU BW 03-21 I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: Mike Hall AIP 2767079 IA
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TOTAL

TACH OR

Cessna 177 N31EN

18

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Jan 14

1677.2

Tach reading

Tail Section inspected after being struck at Right outboard Stabilator Tip. No damage found other than streighten skin at tip and install new stabilator tip. Paint to match

Jasun Munger ATP 1744682

RECEIVED

JAN 16 2004

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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1-30-04	Tach	1680.7	724 Rd Page Control Cable w/ New PN: 345-085-4 - Serviced/checked Battery, Tires, Brakes, & Lights, & D. Ray Real AP2613300
3-22-04	4720.9	TACH: 1730.0	Completed a 100hr. inspection I/A/W Cessna 177RG series service manual. C/w AD 87-20-03 r2 by inspection of seats and seat rails ✓ O.K. Next due @ 1830.0. Replaced right main brake linings. Replaced Inline airfilter w/ D9-18-1 and vacuum relief filter P/N B3-5-1. Installed new tail nav. bulb P/N 631777 ops ✓ O.K. DATE 3-22-04 T.T. IN SERVICE 4720.9 AD'S CHECKED THRU: B.W. CHASE I CERTIFY THAT THIS Airframe HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Chase</u> AP 2785565
8-20-04	Tach	1776.6	engine ser# L-16702 S1A Removed and replaced after repairs as per Cessna Manual D20009-4-13 Replaced D-6 with overhauled Unit Ser# T 25004E by Berkshire Instrument W.O. 34405. Aug Stott A/P 2767077
8-24-04	TACH	1776.6	INSTALLED FUEL CAP PLACARDS A/R w/ (2) 120074-8 FUEL CAP PLACARDS. REPLACED EMERGENCY EXTENSION KNOB P/N 52060-3 KNOB. REPLACED LOWER FH NOSE GEAR DOOR HINGE w/ NEW P/N 2043021-7 HINGE HALF. INSTALLED NEW LOCK ASSY ON BAGGAGE DOOR P/N C 2530016107 LOCK ASSY <u>Stott</u> AP 2719585

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10-5-04	4816.2	1825.3	Completed an 100 hr inspection IAW Cessna 177RG Series Service Manual C/W AD 87-20-03 R2 by inspection of seats and seat rails ✓ok next due at tach 1925.3. Installed Precision Propeller repaired Prop. Governor ran up, test flight ✓ok. Replaced prop governor cable rod end, replaced stab. trim rod end (aft). Replaced right wing fuel drain valve. Installed new bearings on nose gear steering bungee shaft. Adjusted left main gear saddle assy A/R, rigged IAW Service Manual. Replaced landing gear circuit breaker tested ✓ok. Cleaned battery box, serviced battery with distilled water. Replaced stop spring and spacers on Co-pilot door. Replaced left side nose gear door hinge pin, replaced pilot door lock assy. Checked Alt. and starter brushes 65% on alt. 75% on starter. Cleaned and repacked nose and main wheel bearings. Replaced induction air Filter BA-5705.
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10-5-04	4816.2	1825.3	continued from previous page. Inspected E.L.T. IAW FAR 91.202(d) J OK.
			DATE 10-5-04 T.T. IN SERVICE 4816.2 AD'S CHECKED THRU BW 04481 CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH An Annual INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Shawn Donly</u> 9/546331149 J/H
11-23-04	48725.5	1881.6	Replaced Right Wing tank Quick Drain w/new Quick Drain P/N: F391-92. Replaced Right Landing Light w/new Light P/N: GE-4509. FA. DUBO AP2813533
3/16/05	4911.5	1920.6	Completed a 100 hr. inspection I/A/W Cessna 177 series service manual. C/w AD 87-20- 0312 by inspections of seats and seat rails. O.K. at this time next due @ 2020.6. Replaced tail beacon bulb w/ new bulb P/N 040-0028. — DATE 3/16/05 T.T. IN SERVICE 4911.5 AD'S CHECKED THRU BW 05-04 I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 hr. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>Clay L. Muchom</u> AP2788565

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Completed a 100 hour inspection IAW Cessna 177RG series service manual. C/w AD 87-20-03R2 Cessna-seat rail, by inspection of seats and seat rails & O.K. @ this time, next due: 2118.3. Replaced both left and right brake linings w/ new 066-10500. Exhaust system rebuilt by Dawley Aviation inc. w/o # 87454, installed using new hardware and no blow gaskets.

DATE 7-28-05 T.T IN SERVICE 5009.2
AD'S CHECKED THRU 8205-15 I CERTIFY
THAT THIS AIRCRAFT HAS BEEN INSPECTED
IN ACCORDANCE WITH A 100 H.
INSPECTION AND WAS DETERMINED TO BE IN
AIRWORTHY CONDITION.
SIGNED: *Ch. J. H.* AP228623

9-12-05 5056.2 TACH 2065.3

SERVICED NOSE STRUT w/ DRY NITRO-GEN AIR. *Mark A. P. 2719585*

10-14-05 5099.8 TACH 2108.9

Completed a ANNUAL INSPECTION IAW CESSNA 177RG series service manual. AD 87-20-03R2 SEAT RAIL INSPECTION C/w BT INSPECTION AND Y, C/w SRB 82-01 BT INSPECTION AND INSTALLING NEW BRACKETS IN STABILIZATION BALLANCE WEIGHT P/N ① 1732064-1, ① 1732064-2, ① 1732063-1 ① 1732063-2 BRACKETS 10-14-05 *John P. 2015920*

DATE 10-14-05 T.T IN SERVICE 5099.8
AD'S CHECKED THRU 2005-19 I CERTIFY
THAT THIS AIRCRAFT HAS BEEN INSPECTED
IN ACCORDANCE WITH A ANNUAL
INSPECTION AND WAS DETERMINED TO BE IN
AIRWORTHY CONDITION.
SIGNED: *John P. 2015920*

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			
12-12-05	5169.4	TACH 2178.5	INSTALLED new main switch P/N 51994-1 INSTALLED new O-Ring in nose strut, installed new Pancon Brake cable P/N 2060020-15 12-12-05 John Heerman ARP 2015910
12-15-05	5169.5	TACH 2178.5	COMPLETED A 100hr INSPECTION FAW CESSNA 177RG series service manual, AD 87-20-03R2 SEAT RAIL AND SEAT INSPECTION c/w B & INSPECTION a/c, INSTALLED RT & LT PROW AND NOSE GEAR DOWN HINDGES P/N 2052008-2 & 2052008-1 WITH NEW BOARINGS 1896-461 12-15-05 John Heerman ARP 2015920
DATE 12-15-05 T.T IN SERVICE 5169.5 AD'S CHECKED THRU 2005-24 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION SIGNED: John Heerman ARP 2015910			
3-23-06	5213.4	TACH 2233.4 Tach: 2233.4	Reset the stabilator trim system rigging and set tab travel, aircraft is approved for flight test/check. Jy Mfg ARP 21324856
3-23-06		TACH 2233.4	AIRCRAFT TEST RETURN TO CK TRIM SYSTEM ALL CK OK 3-23-06 John Heerman 21324856

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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
12-14-05	2178.5		Replaced ECT batt. P/W 00-60-62 exp. 12-07, ECT Inspected IAW FAR 91.207(d) ops. JOK. <i>Ch. J. APR 21 2005</i>
5-23-06	5267.3	2276.3	CONDUCTED A 100 HR INSPECTION IAW CESSNA 177R6 SERIES SERVICE MANUAL. CIW AD 87-20-03 R2 BY INSPECTION OF SEATS & SEAT RAILS. VOK NEXT DUE @ 2376.3. REPLACED L/H MAIN TIRE W/ NEW PIN 156E61-3 15X6.00-6 6PLY. CLEANED & SERVICED WHEEL BEARINGS REPLACED NOSE TIRE W/ NEW PIN 301-016-420 5.00-5 6ply CLEANED & SERVICED WHEEL BEARINGS. REPLACED LH/RH BRAKE LININGS W/ NEW LININGS PIN 066-10500. REPLACED 64RS CENTRAL AIR FILTER W/ NEW RA D9 18-1 FILTER. REPLACED VACUUM RELIEF VALVE FILTER W/ NEW B3 5-1 GARDER FILTER
			DATE <u>5-23-06</u> T.T IN SERVICE <u>5267.3</u> AD'S CHECKED THRU <u>BW06-10</u> I CERTIFY THAT THIS <u>AIRFRAME</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED: <u>[Signature]</u> <u>APR 21 2005</u>
5-24-06	5267.3	2276.3	Installed new Power supply for Beacon P/W 150-0011 5-24-06 <i>John Pearson</i> <u>APR 20 2005</u>
			SUB-TOTAL this page
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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
8-16-06	5342.2	2351.2	REMOVED & REPLACED BOTH FUEL VENT LINES IN CABIN AREA W/ NEW PIN 2000010-101 & PIN 2000010-102. LEAK ✓ OK. REMOVED & INSTALLED NEW CARPET KIT, AIRTEX PROD. INC. PIN 37368. <i>Marvin</i> AP2719565
10-19-06	5352.5	TACH 2361.5	COMPLETED AN ANNUAL INSPECTION I/A/W CESSNA 177R6 SERIES SERVICE MANUAL. C/W AD 87-20-03 R2 BY INSP. OF SEATS & SEAT RAILS ✓ OK NEXT DUE @ 2461.5. INSPECTED ELT I/A/W FAR 91.207(d) ✓ OK BAT EXP. 12-07. REMOVED & REPLACED AIR INTAKE FILTER W/ NEW BA5705. INSP. COMPONENTS I/A/W DOC 1-194 ✓ OK. REM- OVED & REPLACED VACUUM RELIEF VALVE FILTER W/ NEW B3-5-1. REMOVED & REP- LACED 64R0 CENTRAL AIR FILTER W/ NEW AAD9-18-1. REMOVED & REPLACED L & R BRAKE HOSES @ WHEEL W/ NEW 51810- 600 LINES. BLEED & SERVICED SYSTEM W/ MIL-H-5606 HYD. FLUID. CLEANED & SER- VICED NOSE WHEEL BEARINGS. REMOVED & REPLACED NOSE GEAR DOOR HINGES W/ NEW PIN 2052009-1. REMOVED & REPLACED CON- FLAP HINGES & PINS W/ 2052-012-1 & -3.

DATE 10-19-06 TT IN SERVICE 5352.5
AD'S CHECKED THRU BU 06-20 I CERTIFY
THAT THIS AIRCRAFT HAS BEEN INSPECTED
IN ACCORDANCE WITH AN ANNUAL
INSPECTION AND WAS DETERMINED TO BE IN
AIRWORTHY CONDITION
SIGNED *Marvin* AP2719585 1A

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	5358.5		TOTAL brought forward from previous page
4-4-07	2397.5		Inspection performed I/A/W Cessna guide. Reinstalled propeller after O/H by U.S. propeller service. Installed new buffel new crank oil collar intake. Installed new Cawling isolator mount in lower right position. Fabricated and inst. bracket to secure fuel tank vent tube. Repaired tail tie down. Installed new hinges on emergency gear handle cover. Installed bushings and new hinge pins in left and right cabin doors. Repaired Chaf holes in left & right wing flap. Insp. E & T I/A/W 14 CFR 91.207, last due 12-07. C/W AD 87-20-0302 by insp of seat track. Installed the Door Straps, on left & right cabin doors. Certify that this aircraft was inspected I/A/W an annual insp. and was determined to be in airworthy condition. Ronald C. Murphy AP 2129072-IA

Pg 1 / 1

Cincinnati Avionics, Clermont County Airport, Batavia, OH 45103 VYTR380B
LOG ID# 1175 15-November-2007 WC# 67681
N341RG S/N 177RG1155 CESSNA 77RG

Remove existing Cessna 200A Autopilot System & Turn Coordinator. Installed STEC System 30 Autopilot System. See FAA form 337 dated 15 November 2007 on file. Operational check of the system was performed with no discrepancies noted.

Useful Load: 982.10
Empty weight: 1817.90
Arm: 104.15
Moment: 189377.59

For Cincinnati Avionics

VYTR380B

AIRCRAFT Cessna Model 172S S/N 172S8531 N341RG S/N 1155
LOG BOOK ENTRY

1. INCOMING INSPECTION; REMOVE RUDDER.
AS REQUIRED FOR PAINT. INSPECTED AIRCRAFT.
2. CHEMICALLY STRIPPED, ETCHED, ALODINE, EPOXY PRIMED
AND PAINTED USING THE FOLLOWING JET GLO PRODUCTS:

1. PRIMER : #484-900 JET GLO
2. BASE: Matterhorn white 01500
3. Granite # 08490
4. Deep Red # 00550
5. Carter Gold # 10688

3. PER MANUFACTURE'S MAINTENANCE MANUAL,
BALANCED FLIGHT CONTROL.

3. BALANCE RUDDER IAW 15.0 in/lbs 51-60-00, page 1.

4. REINSTALLED CONTROL IAW MAINTENANCE MANUAL
5. REPLACED NOSE SQUAT SWITCH P/N 602EN67-6B
MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME OR APPLIANCE IDENTIFIED ABOVE
WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT
FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN
TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT
THIS AGENCY. This release is for the above work only.

DATE: 05-25-07 SIGNED

LEGENDS AIRCRAFT LLC David Self 595428802 IA

AIKEN MUNICIPAL AIRPORT

10 FORWARD COURT

AIKEN, SC 29805

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
MAY 08	5516.0	2472.0	inspected this A/C IAW Cessna checklist. Repaired wiring harness for stall, gear warning system. Tested Lb's gear for all warnings. Replaced Air filter for engine. Tested ELT Batt due July 2010. Tied up wiring harness under instrument panel. Installed JPI EDM 700 Engine monitor system under STC SA2586NM and Fuel Flow under STC SA004325E. Replaced Avionics master switch, installed OAT probe in LT wing near pitot. replaced Grease fitting in nose gear. Replaced seat hose to Heater muff. Aircraft ground run no defects found. Replaced retract spring for RT wing tie-down I certify that this A/C WAS inspected IAW an annual inspection and was determined to be airworthy.  225946117 IA
6-20-09	5302.9	2549.9	Inspection performed I/A/W Cessna Guide. Insp. ELT I/A/W FAR 91.207, batt due 7-2010. Removal MP + Fuel press gauge and reinstalled after O/H by Rudy Aircraft Inst. Installed new Braditt filter element. C/w AD 72-03-03R3 by insp and lube of flap actuator. C/w AD 87-20-03R2 by insp of seat tracks. C/w AD 00-14-07 by insp. of fuel inj. lines. I Certify that this Aircraft was insp. I/A/W an Annual insp. and was determined to be in Airworthy Condition. Ronald E Muehl / A/P 2129072 IA
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7-24-10 5340.4 2586.4 Inspection performed I/A/w Cessna guide.
Checked and labeled flap indicator cables and
switch. Insp. EIT I/A/w FAR 91-207
and installed new battery. (rept due 10-12)
Checked bus and FOD from fuel lines.
Installed new fuel pressure line from flow
diver to firewall. C/W AD 87-20-03R2
by insp. of seat tracks. C/W 08-14-07 by
inspection of fuel lines. Checked AD 09-26-12
(ECI glass instr.) I certify that
this aircraft was insp. I/A/w an
Annual insp. and was determined to be
in Airworthy Condition.
Ronald O Murphy A/P 2129072IA

Murphy Aviation 150 Air Harbor Rd. Greensboro, N.C. 27455
N341RG S/N 177RG-1155 Tach 2621.5 Computed TT 5375.5 Date July 19, 2011

Inspection performed I/A/W Cessna guidelines. Removed blockage from lower fuselage drain valves, repaired crack in top engine cowling bracket. Replaced two static wicks on right wing. Repaired, minor blemish on right wing tip, and leading edge of wing. Repaired defective ground on right strobe light. C/W AD 08-14-07 Fuel Injector line routing and chaffing, no defects noted at this time. CW AD 11-10-09 Seat Track rail, and roller inspection, installed new McFarlane set-kit-1 roller kit on Pilot and Co-Pilots seats. Seat Track rails were found to be within limits of AD and SB. Serviced nose shimmy dampner, and installed new brake linings on left and right main gear. ELT Function Check performed I/A/W FAR 91.207.d, battery replacement due date 10-2012. Aircraft lubricated IAW Cessna guidelines, landing gear retract test performed. Aircraft washed, ground run and no defects noted.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in
airworthy condition.

airworthy condition.
 Ronald O. Murphy
 Ronald O. Murphy A&P2129072JA

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Inspection performed I/A/W Cessna guidelines. C/W AD 08-14-07 Fuel Injector line routing and chaffing, no defects noted at this time. CW AD 11-10-09 Seat Track rail, and roller inspection, on Pilot and Co-Pilots seats. Seat Track rails were found to be within limits of AD and SB. ELT Function Check performed I/A/W FAR 91.207.d, battery replacement due date 10-2013. Removed landing power pack, and replaced with Overhauled exchange unit, PN 105932ERX SN AH-3450, and new landing gear actuator hoses PN 124K001-4CR-010. Serviced landing gear with 5056 Hydraulic oil, bled gear system, performed landing gear retract test Satisfactory. Replace vacuum regulator donut filter part number RA-B3-5-1. Aircraft lubricated IAW Cessna guidelines. Aircraft washed, ground run and no defects noted.

Ronald O. Murphy A&P21290721A

Removed Prestolite Starter, installed FAA PMA Sky Tec starter Model number 149NL, S/N 501168 I/A/W Sky Tec supplementary installation instructions. Weight and balance revised this date. New Computed weight, 1822.40 LBs, Moment 192895.02, C.G. 105.85, useful load 978.0. See weight and balance revision in aircraft records. Ground function check starter operation normal.

Ronald O. Murphy A&P2129072IA

N341RG S/N 177RG-1155 Tach 2689.0 Computed TT 5443.0 Date September 26, 2013

Inspection performed I/A/W Cessna guidelines. C/W AD 08-14-07 Fuel Injector line routing and chaffing, no defects noted noted at this time. CW AD 11-10-09 Seat Track rail, and roller inspection. Seat Track rails were found to be within limits of AD and SB. ELT Function Check performed I/A/W FAR 91.207.d, battery replacement due date 12-2015. Installed 2 new Lord PN J-7444-14. Installed new Induction air filter element PN BA-5705.- Aircraft lubricated IAW Cessna guidelines, landing gear retract test performed. Aircraft washed, ground run and no defects noted.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Ronald O. Murphy A&P2129072IA

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Murphy Aviation 150 Air Harbor Rd. Greensboro, N.C. 27455

N341RG S/N 177RG-1155 Tach 2714.4 Computed TT 5468.4 Date 10-09-2014

Inspection performed I/A/W Cessna guidelines. C/W AD 08-14-07 Fuel Injector line routing and chaffing, no defects noted at this time. CW AD 11-10-09 Seat Track rail, and roller inspection. Seat Track rails were found to be within limits of AD and SB. ELT Function Check performed I/A/W FAR 91.207.d, battery replacement due date 12-2015. Installed new Induction air filter element PN BA-5705. Removed Direction Gyro Sigma-Tek 4000C PN 1U262-003-14, S/N T74613R for overhaul by Commander Instruments & Avionics, reinstalled same unit following overhaul. Aircraft lubricated IAW Cessna guidelines, landing gear retract test performed. Aircraft washed, ground run and no defects noted.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Ronald O. Murphy A&P21290721A

Ronald O. Murphy

Murphy Aviation 150 Air Harbor Rd. Greensboro, N.C. 27455

N341RG S/N 177RG-1155 Tach 2734.8 Computed TT 5488.8 Date: 11-16-2015

Inspection performed I/A/W Cessna guidelines. AD 15-02-07 Prop Governor does not apply, rear mounted location. C/W AD 15-19-07 fuel injector line routing and mounting IAW MSB 342G, no defects noted this date. CW AD 11-10-09 Seat Track rail, and roller inspection. Seat Track rails were found to be within limits of AD and SB. ELT Function Check performed I/A/W FAR 91.207.d, installed new BP-1020 ELT Battery, next replacement due 12-2017. Installed new Induction air filter element PN BA-5705. Installed new Condor 15x6x6 tire on left main wheel. Installed new seat hose from left heat muff to right heat muff. Removed bug residue from right belly fuel drain. Installed new seal kit PN JMCNS1 in nose landing gear, service nose strut with Mil 5606 Hydraulic fluid, service with shop air, adjusted strut height. Performed retract for work accomplished. C/W AD 76-07-12R1 Magneto switch functional check and inspection. Aircraft lubricated IAW Cessna guidelines, landing gear retract test performed. Aircraft washed, ground run and no defects noted.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Ronald O. Murphy A&P21290721A

Ronald O. Murphy

Murphy Aviation 150 Air Harbor Rd. Greensboro, N.C. 27455

N341RG S/N 177RG1155 Tach ~~2783.3~~^{2788.4} Date February 26, 2016

Fuel leak at firewall. Fuel line leaking from firewall fuel strainer to engine fuel pump. Removed fuel line installed new FAA PMA hose PN 124F001-6CR-0122, ground leak check and ground run-up satisfactory.

Ronald O. Murphy A&P2129072

Ronald O. Murphy

Murphy Aviation 150 Air Harbor Rd. Greensboro, N.C. 27455

N341RG S/N 177RG-1155 Tach 2753.8 Computed TT 5507.8 Date: 11-30-2016

Inspection performed I/A/W Cessna guidelines. C/W AD 15-19-07 fuel injector line routing and mounting IAW MSB 342G, no defects noted this date. CW AD 11-10-09 Seat Track rail, and roller inspection. Seat Track rails were found to be within limits of AD and SB. ELT Function Check performed I/A/W FAR 91.207.d. ELT Battery replacement date 12-2017. Installed new induction air filter element PN BA-5705. Performed landing gear retraction for normal and emergency operations. Adjusted flap and aileron stops for free travel, and re torqued left inboard elevator hinge bolt. C/W AD 76-07-12R1 Magneto switch functional check and inspection, no defects noted at this time. Aircraft lubricated IAW Cessna guidelines, landing gear retract test performed satisfactory.

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Ronald O. Murphy A&P21290721A

Ronald O. Murphy

Murphy Aviation 150 Air Harbor Rd. Greensboro NC 27455

N341RG S/N 177RG1155 Acft TT 2761.7 Date: 11 May 2017

Installed new Aero Plastics heavy gauge windshield, PN LP-329.250 UV-SG IAW LP Aero Plastics INC. STC SA00382NY dated December 07, 1995 and installation drawing list, Report NO. 329/CON dated 3/16/95.

Continued airworthiness is provided by LP Aero Plastics Inc. dated 08/27/01 and a copy of this letter should be retain in aircraft records for future use.

See FAA 337 dated this date.

Instrument panel, and glare shield recovered with Vaux leather, and reinstalled in aircraft.

Ronald O. Murphy AP2129072

Ronald O. Murphy

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I certify the altimeter and static system tests required by FAR Part 91.411 have been performed.

Static system test date 8-11-17

Altimeter S/N 3C977 tested to 29000 ft.
on 8-8-17 (date)

Altitude reporting system tested to 29000 ft.
on 8-9-17 (date)

Signed Barrett W Hayes for
Causey Aviation Service Inc
6120 Smithwood Road
Liberty, NC 27298 EWCR750D

Tach 2780.7
WO# 14231

(Date) 8-11-17

I certify this transponder make ARC/Cessna

Model RT-359A S/N 12401 has been tested and inspected and found to comply with the requirements of FAR 91.413

Signed Barrett W Hayes for
Causey Aviation Service, Inc
6120 Smithwood Road
Liberty NC 27298 RS EWCR 750D WO# 14231

Murphy Aviation 150 Air Harbor Rd, Greensboro, N.C. 27455

N:341RG SN:172RG1155 Tach T:2820.1 TT: 5574.1 Date: 12-6-2017

Performed annual inspection IAW Cessna 100 series maintenance manual. ELT test performed IAW applicable portions of FAR91.207d, installed new ELT battery PN BP-1020, and the next battery replacement date is 1-2020. Installed new Brackett induction air filter PN BA-5705. C/W AD 11-10-09 seat track and rollers, seat rails, locking pin, and seat guides. Aircraft jacked, landing gear retract performed, landing gear lubricated, and all wheel bearing removed, cleaned, inspected, repacked and reinstalled. All flight controls, cables, pulleys and linkage lubricated.

I certify this aircraft has been inspected IAW an annual inspection and determined to be in airworthy condition.

Ronald O Murphy AP 2129072 JA

Ronald O Murphy

Murphy Aviation 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N341RG S/N: 177RG1155 Tach: 2826.2 Date: 2-16-2018

Removed fuel boost pump and reinstalled after overhaul by Aeromotors LLC. Operational check and leak checks satisfactory.

Ronald O Murphy A/P 2129072

Ronald O Murphy



Make: CESSNA
Order No: 14231
S/N: 177RG1155

Model: 177RG
Tech Time: 2780.70

Reg No. N341RG
Completed 08/11/17
TIA

Restored static system integrity by replacing tubing section, cracked nut at altimeter, cross-threaded nut at alternate static valve, and right side accumulator bottle

Signed Barrett W Hayes 8-11-17
Barrett W Hayes
Causey Aviation Service, Inc.
6120 Smithwood Road
Liberty, NC 27298

FAR 91.413

THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPONDER	MAKE:	MODEL:	S/N:
#1	APPARGO	ESG	77324
TRANSPONDER	MAKE:	MODEL:	S/N:
#2	NA		
DATE:	WO:	INSPECTOR:	
01-29-2019	8660	<u>J. Loh</u>	

CAROLINA AVIONICS GROUP, LLC
FAA APPROVED REPAIR STATION # QCCR-389K

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DATE

TOTAL
TIME
IN
SERVICETACH ON
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Page No.

Murphy Aviation 150 Air Harbor Rd Greensboro, NC 27455**Tail #: N341RG S/N: 177RG1155 Tach: 2900.2 Airframe TT: 5654.7 Date: 1-11-2019**

Performed annual inspection IAW Cessna 100 series maintenance manual. ELT test performed IAW applicable portions of FAR91.207d. next battery replacement date is 1-2020. Installed new Brackett induction air filter PN BA-5705. Installed new vacuum regulator filter ARB3-5-1. C/W AD 11-10-09 seat track and rollers, seat rails, locking pin, and seat guides. C/W AD 76-07-12 R1 ignition switch grounding; check satisfactory. Removed nose gear indicator switch and replaced with new p/n 2070029-1. Aircraft jacked, landing gear retract performed, landing gear lubricated, and all wheel bearings removed, cleaned, inspected, repacked and reinstalled. Installed new brake linings p/n RA66-105 on left and right main gear. All flight controls, cables, pulleys and linkage lubricated.

I certify this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

James D. Holt A&P 3894805 IA

James D. Holt

LOG ID# 711 21-January-2019 HOBBS 3731.9
N341RG S/N 177RG1155 CESSNA 177RG TACH 2903.2

Pg 1 / 1

Removed Transponder ARC RT-359A S/N 12401, ARC R-346E ADF receiver S/N 15850, ARC IN346-A ADF indicator S/N 15823. Installed Appareo Stratus ESG ADS-B Transponder S/N 77374 with GPS Antenna AV-801 S/N 181939 as a follow on approval to STC SA04112CH per FAA memorandum dated Mar 7, 2016 "Installation Approvals for ADS-B Out systems", installed mount for portable Stratus 3i in location of removed ADF Receiver.

Ref FAA Form 337 dated January 21, 2019 for details.

See Carolina Avionics work order #8660 for compliance of FAR 91.413.

"The installed ADS-B OUT system was shown to meet the equipment performance requirements of 34 CFR section 91.227".

Equipment List was revised.

AP3548069 Gary Jenkins

1-21-2019

Date

Murphy Aviation 150 Air Harbor Rd Greensboro, NC 27455**Tail #: N341RG S/N: 177RG1155 Tach: 2966.7 Date: 8/19/2019**

Removed inoperative artificial horizon p/n RCA22-7. Reinstalled same after overhaul by Rudy Aircraft Instruments. Replaced right main tire with new Condor 15x6.0-6.

James D Holt A/P 3894805

*James D. Holt***Murphy Aviation 150 Air Harbor Rd Greensboro, NC 27455****Tail #: N341RG S/N: 177RG1155 Tach: 3005 Airframe TT: 5759.5 Date: 2-1-2020**

Performed annual inspection IAW Cessna 100 series maintenance manual. ELT test performed IAW applicable portions of FAR91.207d, results satisfactory. Replaced ELT battery with new p/n BP-1020, next due 2-2022. Installed new Brackett induction air filter PN BA-5705. Installed new vacuum regulator filter ARB3-5-1. C/W AD 11-10-09 seat track and rollers, seat rails, locking pin, and seat guides. C/W AD 76-07-12 R1 ignition switch grounding; check satisfactory. C/W SEL-57-09, Carry-Thru spar inspection. Cleaned and inspected carry-thru spar, no defects noted. Applied corrosion inhibitor to carry-through spar per SEL. Aircraft jacked, landing gear retract performed, landing gear lubricated, and all wheel bearings removed, cleaned, inspected, repacked and reinstalled. All flight controls, cables, pulleys and linkage lubricated.

I certify this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

James D. Holt A&P 3894805 IA

James D. Holt

Holt Aviation 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N341RG **S/N:** 177RG1155 **Tach:** 3055.0 **Airframe TT:** 5809.5 **Date:** 03/26/2021

Inspected airframe per the Cessna 177RG Service Manual and FAR part 43 appendix D. Checked ELT per FAR 91.207 "d", no defects noted; battery next due 02/2022. Replaced Brackett air filter element with new BA-5705. Removed gear actuator, rebuilt with new seals and reinstalled per the Cessna 177RG service manual. Ran gear, bled system with new fluid; all operations satisfactory. C/W AD 11-10-09, seat track and rollers, seat rails, locking pin and seat guides by removing seats, performing visual inspection of the tracks, rollers, guides and pins, measuring the tang, pin thickness, the pin hole; no defects noted, **next due 03/2022 OR 3155.0 tach time**. C/W AD 76-07-12 R1, ignition switch ground, by operational and visual inspections, **next due 3155.0 tach time**. Lubricated airframe and checked all operations, no defects noted.

I certify this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

James D Holt A/P 3894805

James D. Holt

Holt Aviation 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N341RG **S/N:** 177RG-1155 **Tach:** 3066.1 **Date:** 07/28/2021

Removed existing aircraft starting battery. Installed new Concorde RG-35AXC battery s/n 41167915

James D Holt A/P 3894805

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Holt Aviation 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N341RG **S/N:** 177RG1155 **Tach:** 3079.7 **Date:** 09/05/2021

Installed new Condor 15-6.00x6 tire and new AeroClassic LeakGuard tube on left main wheel. Repaired landing gear warning throttle microswitch wires at switch. Repaired wire at alternator. Replaced electroluminescent panel power pack. Replaced lower rear window plastic molding with serviceable piece p/n 1715041-2. Replaced overhead panel plastic molding with serviceable piece p/n K1706044-9. Repaired all interior plastic moldings and painted using Dupli-Color Fabric and Vinyl paint - Desert Sand spray paint. Removed map light assembly. Installed new over voltage light on panel p/n S2519-1. Cleaned aircraft battery grounding strap. Installed washers and retaining clips on cowling Southco fasteners. Replaced 4 Lord cowling fastener mounts p/n J-7444-14.

James D Holt A/P 3894805

James D. Holt

Holt Aviation 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N341RG **S/N:** 177RG1155 **Tach:** 3108 **Date:** 10/28/2021

Replaced landing light, taxi light, navigation lights, courtesy lights and all aircraft interior lights with LED replacement bulbs. Replaced left stabilator tip with new PMA p/n GF1732024-1-791. Repaired hole in fuel vent line above headliner. Replaced right wing fuel tank drain o-ring at wing root cover.

James D Holt A/P 3894805

James D. Holt

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			

Carolina Avionics Group, LLC 3650 Airport Loop Road Salisbury, NC 28147
 LOG ID# 989 04-December-2021 HOBBS 3954.8
 N341RG S/N 177RG1155 CESSNA 177RG TACH 3110.2

Pg 1 / 1

Installed G5 ADI as primary attitude indicator. PN:011-03805-00, SN:4JQ054447. In addition installed #2 G5 as an HSI. PN: 011-03809-00, SN: 4JQ054497, a GAD 29B, PN: 011-03236-11, SN: 5DL016995, and a GMU 11 magnetometer PN:011-04349-01, SN: 56J029718, with the GMU 13 PN:011-4938-00, SN: 56J029738, for OAT indication. These units were installed under STC SA01818W1 and Garmin installation manual 190-01112-10 Rev. 28. The G5 systems are interfaced with the GNC 355, PN: 011-04956-00, SN: 5YR005504, installed under STC SA026365E, and Garmin installation manual 190-02207-A5. The GNC 355 is also interfaced with the GAD 29B, providing GPS information to the G5 suite. Installed GNC255A PN:011-02806-40, SN:6MM010989 as a replacement for two existing Narco MK12D TSO units SN:12750 and SN:11382. The GNC255A is interfaced with the MD200-706 NAV indicator SN:G21-11286 per MidContinent manual 9018582 Rev. A dated Jan 26, 2016. Installed PMA450B PN:050-450-06, SN:V4582396-ST as a replacement for the existing Cessna audio panel per PS Engineering manufacturer instructions. Removed existing Avionics components as listed and noted in equipment list updated 4 Dec 2021. AFMS 190-02207-A3 Rev. 3 for GNC 355 has been placed on the aircraft. ICA 190-02207-A2 has been placed in the aircraft records. AFMS 190-01112-13 Rev. 7, for the G5's has been placed in the aircraft. ICA 190-01112-11 Rev. 1 has been placed in aircraft records. Weight and balance and Equipment list has been updated. Electrical load analysis remains below 80%.

12-4-2021 R/S QCCR-389K *James D. Holt*
 Date

Holt Aviation 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N341RG S/N: 177RG1155 Tach: 3116.2 Date: 12/8/2021

Replaced tail beacon with new Whelen p/n OR36S1N LED beacon. Removed aircraft vacuum system after Garmin G5 AI/HSI installation by Carolina Avionics Group, LLC on 12/04/2021. Installed Superior vacuum pump cover plate p/n 210518-000005770 on engine. Installed new LoPresti Hubba Hubba Caps p/n LSM-200-701-1 on both main wheels per STC SA01224AT. Calculated new aircraft weight/balance and equipment list this date. Filed FAA form 337.

James D Holt A/P 3894805 IA *James D. Holt*

Holt Aviation 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N341RG S/N: 177RG1155 Tach: 3131.8 Date: 1/11/2022

Resealed shimmy dampener and serviced. Replaced nose gear torque link bolts.

James D Holt A/P 3894805 *James D. Holt*

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TOTAL—Carry forward to next page

AIRCRAFT INSPECTION

I certify this airframe has been serviced and inspected IAW an annual inspection, was found to be in an airworthy condition and is approved for return to service.
James D Holt A/P 3894805 IA *James D. Holt*

Tail #: N341RG S/N: 177RG1155 Tach: 3161.1 Date: 3/20/2022

Replaced master switch with new p/n S-1994-1-1. Repaired lower pedestal courtesy light ground. Replaced screws and washers on upper wing root fairings. Removed loose rivets from landing and taxi light mounts and replaced with screws and nuts. Tightened terminal on landing gear motor circuit breaker. Ran aircraft on ground and checked all operations; no defects noted.

James D Holt A/P 3894805 *James D. Holt*

Tail #: N341RG S/N: 177RG1155 Tach: 3165.1 Date: 04/06/2022

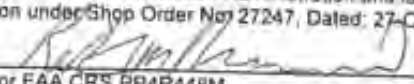
Reassembled left main landing gear down-lock actuator per Cessna 177RG service manual. Replenished gear pump reservoir with 5605 fluid and ran on jacks 5 times; no defects noted. Cleaned and painted two spots on tops of wings due to flaking paint. Cleaned and painted nose landing gear wheel halves.

James D Holt A/P 3894805 *James D. Holt*

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AIRCRAFT MAINTENANCE RECORD

Page No. 1

Date	Total Time	DESCRIPTION OF WORK PERFORMED
SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK		
Date: 10/27/2022, Aircraft: N341RG, Type: 177RG, S/N: 177RG1155 Tach: 3166.1, Hobbs: 4016.9, A/F TT: 5921.0 Replaced old throttle control cable assembly with new Cessna cable, p/n: 565-549-005. Replaced old mixture control cable assembly with new Cessna cable, p/n: 565-580-016. Replaced old prop control cable assembly with new McFarlane cable, p/n: MC345-085-4. Replaced throttle warning switch with new Cessna p/n: 2224-1 and JS5 trigger / actuator. Rigged as necessary; ops checked OK. Replaced 3 worn cowl mounts with new, p/n: J7444-14. Installed vortex generators on the wings and tail surfaces in accordance with Micro AeroDynamics, Inc. STC No. SA01033SE, issued 08-Jan-2002; Drawing Package MA2162, Revision IR, dated 01-Nov-2001; and Installation Manual MA2163, Revision IR, dated 03-Dec-2001. Form 337 submitted. Change in weight and balance is negligible. Removed original exhaust system and installed Power Flow, Inc (PFS) "improved performance" exhaust system in accordance with Power Flow Systems, Inc. STC No. SA03623AT, per PFS-13706 Tuned Exhaust System Installation Instructions and Instructions for Continued Airworthiness, Report No. PFS-13752-00, Revision F, dated 19-Apr-2019. Form 337 submitted. Revised aircraft weight and balance. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Shop Order No. 27247, Dated: 27-Oct-2022.		
SIGNED:  Inspector for FAA CRS PP4R448M Triad Aviation, Inc. 3439 South Aviation Drive, Burlington, NC 27215 336-227-1467		

AC Model: 177RG
AC Hours: 5,795.1
AC Cycles:

AC Registration: N341RG
AC Serial: 177RG1155

Signature TECHNICAL
1030 PTI Drive
Greensboro, NC 27409



Logbook: Airframe

Work Order: S15-67561
Entry Date: March 21, 2023

LOGBOOK ENTRY

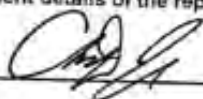
Routine Maintenance
05-00-00-01

Complied with SEL-5/-09R1 and AD2023-02-17, Surface Eddy Current NDT inspection requirements. Corrosion present and addressed by maintenance. Rechecked areas and no further indications present. ET Tooling# S113, S/N 316. Cal Due Date 01/31/2024.

The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repair are on file at this repair station, under work order number: S15-67561.

Signed:



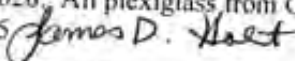
for Signature TECHNICAL
CRS#, EWGR752D

Holt Aviation LLC 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N341RG S/N: 177RG1155 Tach: 3235.3 Date: 06/23/2023

Replaced both door windows with clear plexiglass glass p/n 2148-RH/LH. Replaced both vent windows with clear plexiglass p/n 1026. All plexiglass from Great Lakes Aero Products of Flint, MI.

James D Holt A/P 3894805



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AIRCRAFT MAINTENANCE RECORD

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Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
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Holt Aviation 150 Air Harbor Rd Greensboro, NC 27455

Tail #: N341RG S/N: 177RG1155 Tach: 3220.2 Airframe TT: 5975.1 Date: 04/18/2023

Inspected airframe per the Cessna 177RG Service Manual and FAR 43.9/43.11. Checked ELT per FAR 91.207 (d), no defects noted. C/W Brackett filter ICA document I-194 by replacing element with new BA-5705 as required by STC SA71GL, no other defects noted. C/W AD 23-02-17, wing spar carry through fatigue cracking due to corrosion, by completing sections (f)-(k); corrosion pitting found. Removed corrosion and blended per SEL-57-09 REV. 1; eddy current test performed by Signature TECHNICair, no further defects found and all blended areas within limits. Applied corrosion protectant as specified by SEL-57-09 REV. 1. Replaced all fresh air ducting above headliner with new SCAT-8 2" ducting. Reported findings and actions to Cessna per section (k) of the AD. C/W Whelen OR36S1N ICA form 14B91B by inspecting visually, no defects noted. C/W Garmin G5 ICA document 190-02207-A2 Rev. 2 by performing battery capacity test per section 4.4 (results: AI 3:31 at 92%, HSI 3:19 at 91%) as required by STC 01818WI, no defects noted. C/W Garmin GNC355 ICA document 190-02207-A2 Rev. 2 by visually inspecting unit, wiring and antenna per section 4.4 as required by STC SA02636SE, no defects noted. C/W Stratus ESC ICA document 600845-000025 Rev. 2.2 by visually inspecting per section 3, paragraphs 1-3 as required by STC SA04112CH; no defects noted. C/W Hartzell PlanePower AL12-F60 ICA drawing 10-4001 sheet 2 by inspecting alternator and brush assembly, no excess wear noted. C/W Zeftronics R15V00 Rev. A ICA by inspecting per steps 1-7 of page 4 as required by STC SA8031SW, no abnormal values or operations noted. C/W S-TEC System 30 ICA form 86240 Rev. B by inspecting per section 5, steps 1-4 as required by STC SA09296AC-D, no defects noted. C/W AD 11-10-09, seat track and rollers, seat rails, locking pin and seat guides by removing seats, performing visual inspection of the tracks, rollers, guides and pins, measuring the tang, pin thickness, the pin hole. Replaced pilot outer seat rail with new p/n 2011015-5. Replaced pilot inner seat rail with serviceable p/n MC2011015-9. No other defects noted relating to AD 11-10-09. C/W PowerFlow exhaust ICAW report PFS-13752-00 revision F section 8 by lubricating and inspecting slip joints as well as inspecting the rest of the system; no defects found.

I certify this airframe has been serviced and inspected IAW an annual inspection. was found to be in an airworthy condition and is approved for return to service.

James D Holt A/P 3894805 IA *James D. Holt*



Shields Aviation LLC
6775 Beck Chappell Dr.
North Dinwiddie Virginia 23803
C-(804)-690-8895

Make: Textron (Cessna)

Model: 177RG

Tail: N341RG

S/N: 177RG-1155

Hours: TT: 3263.5

Removed and replaced all static lines using new tubing and fittings. Performed 91.411 with no leaks at this time.

Signed: *Jason Shields*

Name: Jason Shields

Cert: AP4022985IA

Date: 11/17/2023

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FORWARD** 

Make:	Textron (Cessna)
Model:	177RG
Tail:	N341RG
S/N:	177RG-1155

Hours: AFTT: 6,080.3 Tach: 3,325.4 Hobbs: 4,177.8

- Complied with an ANNUAL Inspection per scope and detail of Appendix D of Part 43. I certify that this aircraft has been inspected In Accordance an ANNUAL Inspection and is in airworthy condition at this time.

- Complied with ELT Inspection I/A/W FAR 91.207(d). ELT Battery Due July 2026.

- Complied with AD 11-10-09 I/A/W Para (g). No defects noted at this time. Next due June 2026 or AFTT: 6,180.3

- C/W Garmin G5 ICA I/A/W Document # 190-01112-11 Rev. 10 Section 4.2.8 Battery Capacity Check: AI (3:54 @ 100%) HSI (3:39 @ 99%)

- C/W Garmin GNC 335 ICA Document # 190-02207-A2 Rev. 3 Chapter 4.4 Visual Inspection. No defects noted.

- C/W Powerflow Exhaust ICA I/A/W Powerflow Document # PFS-13706 Rev. (f). No defects noted.

- C/W Whelen OR36S1N ICA, no defects noted.

- C/W Stratus ESG ICA Document # 600845-00025 Rev. 2.2. No defects noted.

- C/W Hartzell PlanePower AL12-F60 ICA Drawing 10-4001 Sheet 2. No defects noted.

- C/W STEC System 30 ICA Document # 86240 I/A/W Para(5). No defects noted.

- C/W Zeftronics R15V00 Rev. A ICA I/A/W Steps 1-3. No defects noted.

Maintenance Items Completed,

- Replaced ELT Battery P/N: BP-1020.

- Replaced Air Filter Element P/N: BA-5705.

- Lubricated/Service aircraft per Section 2 of the Cessna Model 177RG Series Servicing Manual P/N: D991-13 Rev. 3 dated 09/01/1974.

-END

Signed:

Name: Derek Peacher

Cert: AP4447141A

Date: 06/07/2024

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AIRCRAFT MAINTENANCE RECORD

Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD → Central Virginia Aviation 6775 Beck Chappell Drive North Dinwiddie VA 23803 (804) 861-9915 Make: Textron (Cessna) Model: 177RG Tail: N341RG S/N: 177RG-1155		
Hours: AFTT: 6,080.3 Tach: 3,325.4 Hobbs: 4,177.8		
Inspections Complied With: - Complied with an ANNUAL Inspection per scope and detail of Appendix D of Part 43. I certify that this aircraft has been inspected In Accordance an ANNUAL Inspection and is in airworthy condition at this time. - Complied with ELT Inspection I/A/W FAR 91.207(d). ELT Battery Due July 2026. - Complied with AD 11-10-09 I/A/W Para. (g). No defects noted at this time. Next due June 2026 or AFTT: 6,180.3 - C/W Garmin G5 ICA I/A/W Document # 190-01112-11 Rev. 10 Section 4.2.8 Battery Capacity Check: AI (3:54 @ 100%) HSI (3:39 @ 99%) - C/W Garmin GNC 335 ICA Document # 190-02207-A2 Rev. 3 Chapter 4.4 Visual Inspection. No defects noted. - C/W Powerflow Exhaust ICA I/A/W Powerflow Document # PFS-13706 Rev. (f). No defects noted. - C/W Whelen OR36S1N ICA, no defects noted. - C/W Stratus ESG ICA Document # 600845-00025 Rev. 2.2. No defects noted. - C/W Hartzell PlanePower AL12-F60 ICA Drawing 10-4001 Sheet 2. No defects noted. - C/W STEC System 30 ICA Document # 86240 I/A/W Para(5). No defects noted. - C/W Zeftronics R15V00 Rev. A ICA I/A/W Steps 1-3. No defects noted.		
Maintenance Items Completed: - Replaced ELT Battery P/N: BP-1020. - Replaced Air Filter Element P/N: BA-5705. - Lubricated/Serviced aircraft per Section 2 of the Cessna Model 177RG Series Servicing Manual P/N: D991-13 Rev. 3 dated 09/01/1974.		
END		
Signed:  Name: Derek Peacher		Cert: AP4447141IA Date: 06/07/2024

MAKE: Cessna
MODEL: 177RG
S/N: 177RG1155
REG. NO: N341RG
WORK ORDER: 24166



Aerodyne Corporation

Repair Station No. HO1R-199K
5198 West Military Highway
Chesapeake, VA 23321 USA
Phone: (757) 488-2898

DATE: 3/5/2025
A/C TSN: 6108.9
TACH: 3354

Airframe Entries

(1) Completed Annual Inspection in accordance with manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43, Appendix D. (2) Completed engine 100 hour inspection in accordance with the manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43 Appendix D. Compression check: #1- 75/80, #2-77/80, #3-76/80, #4-77/80. Cleaned, gapped and tested spark plugs. Checked ignition timing. Cleaned engine. (3) Completed propeller 100 hour inspection in accordance with the manufacturer's recommendations and a checklist conforming to Title 14 Code of Federal Regulations Chapter 43 Appendix D. Denied blades. (4) Complied with AD 2011-10-09 by inspection of the pilot's and co-pilot's seats and seat tracks in accordance with paragraph (g). Inspection due again in 100 flight hours or 12 calendar months whichever comes first. (5) The D&M ELT 6.1, s/n: 12612 system installed in this aircraft was inspected and tested according to the applicable ELT manufacturer's instructions and the requirements of 14 CFR 91.207 d) and was determined to be in an airworthy condition. ELT BATTERY EXPIRES JULY 2026. (6) Changed engine oil and filter. Installed 8 quarts of Phillips 20W-50 XC oil and Tempest AA48103-2 filter. Inspected removed filter. No contamination. Cleaned engine. Performed engine ground run. Operational and leak check satisfactory. (7) Installed new engine air induction filter element BA5705. (8) Inspected nose steering system for pilot report of nose wheel shimmy. Serviced shimmy damper. Tightened steering collar shimmy damper spindle and safetied. Inspected torque links. (9) Repaired landing gear hydraulic pump wiring by repairing ground wire and installing protective plastic sleeves over wiring quick disconnects. (10) Installed new engine cowl shock mount at the 7 o'clock position. (11) Installed new engine cowling Southco fasteners as necessary.

The aircraft identified hereon was inspected in accordance with an ANNUAL INSPECTION, found to be in an AIRWORTHY condition and approved for return to service.

DATE: 3/5/2025

SIGNED:

Work Order: 24166

J.R. Smith
Certified Repair Station No. HO1R-199K

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Page No. _____

Date	Total Time	DESCRIPTION OF WORK PERFORMED SIGNATURE & CERTIFICATE NUMBER OF PERSON PERFORMING WORK
CARRIED FORWARD →		

wo: 25-095

Airframe - page 1 of 1



North Little Rock Air, Inc. · 8318 Remount Rd. · North Little Rock, AR 72118 · 501.835.7767

N341RG
TACH: 3367.9

April 30, 2025

Removed cowling door, replaced parts, reinstalled cowling door and swung gear IAW Cessna 177RG maintenance manual. No defects noted at this time Installed P/N 2052008-1 - Hinge, Installed P/N MS21251-B3S - TURNBUCKLE BODY LOCKING, Installed P/N MS21252-3LS - CLEVIS, Installed P/N MS21253-3RS - CLEVIS, Installed P/N 2052008-2 - Hinge, Installed (4) P/N S1896-4L1 - Bearing.

Found broken pitot static line, replaced line IAW Cessna 177RG maintenance manual. No defects noted at this time Installed (2) P/N O5-00200 - Neoprene hose.

Troubleshoot GNC 355. Replaced intermittent pin 11 on connector J3552 IAW 190-02207-A5. Function tested normal.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with North Little Rock Air, Inc. under work order: 25-095.

Michael Dippolito AP 4156493

wo: 25-226

Engine - page 1 of 1



North Little Rock Air, Inc. · 8318 Remount Rd. · North Little Rock, AR 72118 · 501.835.7767 x6610

N341RG **LYCOMING, IO-360-A1B6D, S/N: ENGINE SN TBD**
Hobbs: 4257.6 TACH: 3399.0

September 12, 2025

Drained oil, removed and inspected filter, replaced filter and serviced with oil. Aircraft ground ran and leak checked, no leaks noted. Installed P/N AA48110-2 - Filter, oil, Installed (7) P/N X/C 20W-50 - Oil, engine.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with North Little Rock Air, Inc. under work order: 25-226.

Michael Dippolito AP 4156493

wo: 26-047

Airframe - page 1 of 1



North Little Rock Air, Inc. · 8318 Remount Rd. · North Little Rock, AR 72118 · 501.835.7767 x6610

N341RG **Cessna , 177RG, S/N: 177RG1155**
Aircraft Total Time: 6164.6 Engine TSO: 243.6
Engine Total Time: 6164.6 Prop TSO: 243.6
Propeller Total Time: 3459.5 Tach: 3409.7

March 10, 2026

1. Installed new main gear tubes/tires IAW wheel ICA. Installed (2) P/N 06-08040 - Condor 15x6x6.00, Installed (2) P/N 600X6U - Tube, Tire 6.00-6.
2. Installed new induction air filter element IAW bracket Installation instructions. Installed P/N BA-5705 - Air Filter.
3. AD 2011-10-09 (Seat track/rail assembly) C/W IAW paragraph (g) of AD. No defects noted. Next compliance due Annual or 100 hours ACTT: 6264.6.
4. AD 2026-04-11 Connecting Rod Failure- N/A connecting rod installed P/N 77450. Engine overhauled 04/27/2022. ETT: 5921.0.
5. AD 2015-19-07 (Fuel Injector Fuel Lines and Clamps) C/W by visual inspection IAW Lycoming MSB No. 342G. Next due 110 hours (6274.6).
6. Removed and replaced ELT Battery P/N: BP 10-20 EXP Jan/28 Tested ELT IAW FAR 91.207 Ops Check good. Installed P/N BP-1020 - ELT Battery.

I certify this Aircraft has been inspected in accordance with an Annual Inspection was determined to be in Airworthy Condition.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with North Little Rock Air, Inc. under work order: 26-047.

Stephen Englert AP/IA 3370753 AP 3370753