CARBON MONOXIDE DETECTOR
LOG BOOK REMINDER

P/N: 553/101/001 S/N: 50583

Install date: 2/28/2018

Overhaul Due Date: 5 years from install date

Return to: www.coguardian.com

ACR ELECTRONICS. Inc.
ARTEX PRODUCTS - CAGE Code: 18560
Fort Lauderdale, FL 33312

ME406 LITHIUM BATTERY PACK MnO2

PART NO: 452-6499 REV: F

TSO C126 S.N.:35/335-068

EXPIRATION DATE: FEB /2020 DO-227

1XBC[04][204]XRXXXXXZAZZ[204]H[XXXX]XXX

ACR ELECTRONICS. Inc.
ARTEX PRODUCTS - CAGE Code: 18560
Fort Lauderdale, FL 33312

ME406 LITHIUM BATTERY PACK MnO2

PART NO: 452-6499 REV: F

TSO C126 S.N.:384284-056

EXPIRATION DATE: Feb /2027 DO-227

ENV CAT D1 (BC[204][204]XRXXXXXZAZZ[204]H[XXXX]XXX

EMERGENCY BATTERY REPLACEMENT
Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments at (800) 821-1212.

Date of Manufacture: 11/2010

EMERGENCY BATTERY REPLACEMENT
Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.

Date of Manufacture: 8/13

EMERGENCY BATTERY REPLACEMENT
Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.

Date of Manufacture: 7/16

EMERGENCY BATTERY REPLACEMENT
Affix this label in aircraft logbook

Recommended battery replacement 3 years from date of manufacture. Order replacement battery from Mid-Continent Instruments and Avionics at (800) 821-1212.

Date of Manufacture: 6/21

AIRCR

ASA-SA-2

Aircraft Record General Information

Manufacturer Cessna **Model** 177RG

Serial 177RG1315 **Registration Number** N52944

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer _____ **Model** _____ **Serial** _____

Manufacturer _____ **Model** _____ **Serial** _____

Propeller(s) currently installed:

Manufacturer _____ **Model** _____

HUB Model _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

Blade Model _____ **Serial** _____ **Serial** _____ **Serial** _____

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TIME IN SERVICE	Technician or Rep

SRT AVIATION, INC
Mount Vernon, Illinois - MVN

N52944

September 23,2009
SN – 177RG1315
ACTT – 6242.52

Airframe - Cessna
Model – 177RG
Tach – 6242.52

Unscheduled Maintenance

Removed and replaced screws in yokes at yoke to arm connection which were loose. Installed using Loc-Tite sealant. No further actions taken at this time. Pilots side vent window linkage inspected for wear and operationally tested at owners request. No defects noted at this time. Engine cowlings inspected for clearances with spinner and propeller.

Shawn C. Slyle
AP490825188

YEAR	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)*
				Date: Dec 26 2009
				Serial #84426
				accordance with part 43, Appendix
				r compliance with FAR 91.413.
				ial # 1385
				tem tested in accordance
				with FAR 91.411
				ter # 2844
				QYVR044J

Mueller Avionics, Inc CRS #QYVR044J

P/N 5934P-1 S/N N3485

ALT FT	ERROR
-1000	+20
0	+10
500	+10
1000	+10
1500	+10
2000	+10
3000	+10
4000	+10
6000	+10
8000	+10
10000	+20
12000	+20
14000	+20

ALT FT	ERROR
16000	+30
18000	+40
20000	+60
22000	
25000	
30000	
35000	
40000	
45000	
50000	+60
Hys 50%	+60
Hys 40%	+60
Zero	+60

Date: 12-16-2009 EA

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

Aircraft N 52944 Date: Dec 16 2009

Model # GTX330 Serial # 84123310

Transponder system tested in accordance with part 43, Appendix "F" & Appendix "E", Subpart (c) for compliance with FAR 91.413.

Model # 5934P-1 Serial # N3485

Altimeter, Altitude Reporter & Static System tested in accordance with Part 43, Appendix "E" for compliance with FAR 91.411

Altimeter Tested to 20Kft Work Order # 6845

Signature: [signature]

MUELLER AVIONICS, INC. CRS(# QYVRO44J

Mueller Avionics, Inc. CRS #QYVR044J

P/N 5934P-1 S/N N3485

ALT FT	ERROR	ALT FT	ERROR
-1000	+20	16000	+30
0	+10	18000	+40
500	+10	20000	+60
1000	+10	22000	
1500	+10	25000	
2000	0	30000	
3000	0	35000	
4000	+80	40000	
6000	0	45000	
8000	+10	50000	
10000	+20	Hys 50%	+18
12000	+20	Hys 40%	+18
14000	+30	Zero	

Date Dec 16 2009 Signature [signature]

YEAR
20___
DATE

Mount Vernon, Illinois - [illegible]

N52944

December 21,2009
SN – 177RG1315
ACTT – 6278.99

Airframe - Cessna
Model – 177RG
Tach – 6278.99
Unscheduled Maintenance
Removed & installed following repair by S-Tec Corporation, Pitch Trim Computer PN 01261-3-28, Serial # -629-5465A. Operationally tested without defects.

Shawn C Sayle
AP490825188

TACH:

N# 52944

REPLACED PROP SPINNER WITH TCB COMPOSITE PN-TCB0752637-16 IN ACCORDANCE WITH STC #SA01164AT. NO W/B CHANGE. 337 SUBMITTED.

Ashley How A&P496565964IA - Ideal Aviation 03/24/10

SRT AVIATION, INC
Mount Vernon, Illinois - MVN

N52944

March 1, 2010
SN – 177RG1315
ACTT – 6285.36

Airframe - Cessna
Model – 177RG
Tach – 6285.36

Unscheduled Maintenance

Adjusted Throttle switch for Landing Gear Warning system as required and IAW Cessna 177RG Maintenance Manual. Operationally tested Landing gear warning system. Removed & replaced four Part Number 53 White Flood lights in instrument panel. Inspected ELT and installed new Registration sticker provided by owner. Removed spinner and inspected for oil leaks. Slight oil leak noted at one blade base at hub. Very minor. Consulted Aircraft Propeller Service and inspected for any signs of cracks. None noted. Wiped clean and will monitor. Not considered an airworthiness item at this time.

Shawn C. Sayle
AP490825188

YEAR 2nd D	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of
				Aviation Plus LLC 262-656-1260 aviationplusllc.com **06/23/2010 N52944 Tach 6329 TTAF 6329** Replaced air filter element. Secured cowl flap hinge pins. Repaired #2 cylinder engine baffle. Replaced brake caliper o-rings. Replaced right brake caliper bleeder screw. Replaced right brake pads. Replaced o-rings in left gear downlock actuator. Repaired lower left cowl shock mount bracket. Repaired alternator RF filter wire. ELT checked per FAR91.207(d). C/W AD87-20-03R2, seats & rails, visual inspection, due annually. C/W AD08-14-07, injector lines & supports, visual inspection, due 100hr/annually. C/W AD08-26-10, alternate static valve, not replaced, does not apply. All routine items checked per inspection sheets. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Robert Russell 3411885IA

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

Ideal Aviation, Inc.

5100 Omega Drive
Sauget, Illinois 62206
618-337-3400
www.idealfbo.com

N# 52944

Tach: 6345.89

R&R repainted and rebalanced rudder assy. Rerigged system.

A. S. How

Ashley How A&P496565964IA - Ideal Aviation 9/8/10

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
				POWER FLOW SYSTEMS, INC N52944 C-177RG Tach Time: 6361.66 hrs September 29, 2010. S/N: 177RG1315 REMOVED CESSNA 177RG STOCK EXHAUST SYSTEM. INSTALLED POWER FLOW SYSTEMS, INC. TUNED EXHAUST SYSTEM, P/N PFS-13706 S/N 084, IN ACCORDANCE WITH STC # SA03623AT AND INSTALLATION INSTRUCTIONS/INSTRUCTIONS FOR CONTINUED AIRWORTHINESS REPORT # PFS-13752-00 REV. C, DATED 05-15-2009. REMOVED BRACKET AIR FILTER ASSEMBLY, P/N BA 5710. CHALLENGER AVIATION PRODUCTS, INC INDUCTION AIR FILTER, P/N CP-1177 INSTALLED IN ACCORDANCE WITH STC# SA01669CH AND INSTALLATION INSTRUCTIONS # 0402, REV. N, DATED 07-11-2008. ENGINE GROUND RUN-UP PERFORMED, NO DEFECTS NOTED DURING RUN-UP AND AFTER SHUT DOWN INSPECTION. WEIGHT AND BALANCE REPORT REVISED THIS DATE. FORM 337 FILED THIS DATE. VICTOR M. RODRIGUEZ 2756264 A&P, I.A.

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

SRT AVIATION, INC
Mount Vernon, Illinois - MVN

Airframe - Cessna
Model – 177RG
Tach – 6384.31

N52944

October 22,2010
SN – 177RG1315
ACTT – 6384.31

Unscheduled Maintenance

Removed & replaced LH & RH cabin door striker plates with new parts supplied by owner. Adjusted and operationally tested without defects. Adjusted propeller governor max. RPM adjustment 60 RPM at owners request. Removed and replaced engine oil quick drain with Safe Air FAA-PMA part number F-50 flush type quick drain and relocated to opposite (LH) side of engine lower oil sump for clearance. Made minor adjustment to LH flap bring its up stop to within limits. Slightly adjusted RH Aileron trim tab for a LH wing heavy condition. Removed & replaced one defective White instrument panel flood light with new part number #53 lamp.

Shawn C. Sayle
AP490825188

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Technician or Rep

SRT AVIATION, INC
Mount Vernon, Illinois - MVN

N52944

December 22,2010
SN – 177RG1315
ACTT – 6399.65

Airframe - Cessna
Model – 177RG
Tach – 6399.65

Unscheduled Maintenance

Removed and replaced backup Attitude Indicator battery pack with new part number 9015607. Next due three years 11/2013. Removed and replaced LH brake caliper guides with new part number A30023 (superseded part for 069-30644). Inspected brakes and operationally tested. No further defects noted. Removed and replaced lamp in RH (Green) position light with part number CMA7512-24. Repaired ground to airframe connection. Operationally tested without defects. Removed and repaired ground and cleaned contacts to aft position light (white). Operationally tested following all work. No further actions taken at this time.

Shawn C. Sayle
AP490825188

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

AIRFRAME LOG BOOK ENTRY

SMYRNA AIR CENTER

Cessna

N52944

Cessna 177RG S/N 177RG1315 Tach: 6411.51 Hrs.

March 29th, 2011

Found landing light loose in cowling. Secured landing light by installation of new screws on mounting ring. Operational checks good. Reinstalling top cowling. IAW Cessna 177RG MM. ----------

The airframe identified above was repaired & inspected IAW Cessna 177RG Maintenance Manual and is approved for return to service with respect to the work performed.

Details are on file at Smyrna Air Center under W.O. #23380.

Robert W. Sommers

Robert W. Sommers CRS# RG4R491M

For

Smyrna Air Center

300 Doug Warpoole Rd, Smyrna, TN 37167

(615) 459-3337

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

SRT AVIATION, INC
Mount Vernon, Illinois - MVN

Airframe - Cessna
Model – 177RG
Tach – 6431.79

N52944

June 20,2011
SN – 177RG1315
ACTT – 6431.79

Scheduled Maintenance

Inspected aircraft IAW Cessna 177RG Maintenance Manual & FAR Part 43 App D checklists for 100 hour items. Lubricated aircraft, engine & flight controls. Performed Landing Gear retraction test and emergency extension. Wheel bearings inspected & re-packed with grease. CW FAR 91.207 d ELT inspection. Inspected ELT installation IAW Flight Manual Supplement & ICA. ELT replacement date is February 2013. Fuel filters inspected and cleaned. Air filter removed, cleaned, dried and lubricated as required and IAW Mfr. ICA instructions. Cable tensions checked. CW supplemental inspections on CV1J4-C Inline Filter and Pulselite System IAW prospective ICA's in Flight Manual. Operationally tested systems, engine and propeller.

Con't

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

Con't

Unscheduled Maintenance

Sealed aft LH, center and RH windows using PR1425B ½ sealant. Touched up paint following work. Removed & replaced lower cowling RH aft upper Skybolt fastener. Serviced PowerFlo exhaust per Mfr. ICA instructions. Disassembled, lubricated and re-assembled as required. Removed and replaced Taxi light lamp with new GE part number 4594. Operationally tested without defects. Removed and replaced throttle warning switch part number 2LME-2 and actuator assembly part number S2327-2. Rigged as required and operationally tested landing gear warning system. Flight test was conducted following all work and was noted as correct rigging. Removed and replaced RH White indirect lamp part number GE 53. Removed and replaced LMLG wheel assembly with new superseded part number 40-113 wheel assembly.

LMLG inner tube replaced with new part number 302-246-401.

Airworthiness Directives/Service Bulletins

Refer to Aircraft Registration Profiled dated June 20, 2011. Researched through current issue.

CW AD 2011-10-09 Seat Tracks inspection.

CW AD2009-02-03 Fuel injector lines by inspection.

I Certify that this **Aircraft** has been inspected in accordance with an **Annual** inspection and was determined to be in an airworthy condition.

Shawn C Seyle

AP490825188IA

Y
2
D
-

18 Terminal Dr East Alton, IL 62024 TEL 618-258-4700 FAX 618-258-8097 www.weststaraviation.com

Registration: N52944
Serial#: 177RG-177RG131578
Tach Time: 6439.49

WO: 319150
Date: 27JUL2011

- Accomplished the Garmin SB 1120revA per the SB instructions . Updated the GDL69 software to 4.01.

The aircraft, airframe, 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 with respect to the work performed.

Date 27JUL2011 Inspected By: Andrew Crossman _____ for **West Star Aviation, Inc. CRS PAZR068H**

N# 52944

Hobbs: 6456

Removed & Replaced Voltage Regulator

Cordell Labrier A&P361344508 - Ideal Aviation 10/17/11

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

SRT AVIATION, INC
Mount Vernon, Illinois - MVN

N52944

September 21,2011
SN – 177RG1315
ACTT – 6451.55

Airframe - Cessna
Model – 177RG
Tach – 6451.55

Unscheduled Maintenance

Inspected elevator control system and adjusted tension on cables. Checked rigging and travel. No defects noted at this time. Safetied LH & RH brake calipers. Made slight adjustment to LH Aileron trim tab at pilots request. Pilot will advise following test flight if further adjustments are needed.

Shawn C. Sayle
AP490825188

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

ALTIMETER CALIBRATION

Manufacturer: United Model: 5934P-1 Serial#: N3485

Ambient Temperature 51.8 'F Altimeter Setting 30.2 "Hg

Altimeter was tested to 20,000 feet Date 11/1/2011

SCALE ERROR

ALT	ERROR
-1000	-1000
0	0
500	500
1000	1000
1500	1500
2000	2000
3000	3000
4000	4000
6000	6020
8000	8010
10000	10000
12000	12000
14000	14000
16000	16000
18000	18000
20000	20000
22000	NA
25000	NA
30000	NA
35000	NA
40000	NA
50000	NA

FRICTION

ALT	DIFF
1000	10
2000	10
3000	10
5000	10
10000	0
15000	0
20000	20
25000	NA
30000	NA
35000	NA
40000	NA
45000	NA

HYSTRESIS

50%	10
40%	40
after affect	0

THIS ALTIMETER TESTED IN ACCORDANCE WITH FAR 91.411 AND PART 43, APPENDIX "E"

DATE 10/27/2011

W.O.# A4119

INSPECTOR

SRT AVIATION, INC (KMVN) FAA Certified Repair Station # - 9STR450B

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

SRT AVIATION, INC
Mount Vernon, Illinois - MVN

I certify that the altimeter and static system tests, including data correspondence, required by 14 CFR § 91.411 and transponder tests required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F. The work accomplished is filed, in house, on Work Order# A4119.

Altimeter Model United 5934P-1 **Serial No.** N3485
Transponder Model Garmin GTX330 **Serial No.** 84123310
Encoder Model Unk **Serial No.** Unk
The altimeter was tested to 20,000 **feet on (date)** 10/27/2011.
The transponder was tested on 10/27/2011.
Encoder data correspondence was tested to 20,000 **feet on (date)** 10/27/2011.
Static system leak tested on (date) 10/27/2011.

Authorized Signature:
FAA CRS# 9STR450B

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TIME IN SERVICE	Technician's

SRT AVIATION, INC
Mount Vernon, Illinois - MVN

N52944

November 01,2011
SN – 177RG1315
ACTT – 6457.03

Airframe - Cessna
Model – 177RG
Tach – 6457.03

Unscheduled Maintenance

Jacked aircraft. Removed and re-installed NLG indication magnet assembly. Retraction tested landing gear system several times to verify indication is good for UP and DOWN positions. Down jacked aircraft. Removed alternator model number DOFF10300BR, serial number AO82906 and installed like model number, serial number KO32014 overhauled alternator. Removed ships battery part number RG24-16, serial number and installed like part number, serial number 40397792. Removed and replaced split BAT/ALT switch with new part number S1994-1-1. Operationally tested electrical and charging systems. Removed dry air pump wear indicator port and verified less than 10% vane wear at this time. No further actions taken at this time.

Shawn C. Sayle
AP490825188

YEAR 20 12 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

LOGBOOK ENTRY
AIRFRAME

Ozark Air Services

St. Louis Downtown Airport
Hangar 1
2100 Vector Dr.
Cahokia, IL 62206
618-337-5845
618-337-6576 (F)
ozarkair@sbcglobal.net

N52944
S/N: 177RG1315

DATE: 06 January 2012
HOBBS: unknown
ACTT: unknown

SCHEDULED MAINTENANCE

1. Removed NG strut, disassembled, cleaned, installed all new O rings & seals, reassembled, reinstalled on aircraft & serviced with 5606 hydraulic fluid and nitrogen.

With respect to the work performed, this aircraft is approved for return to service.
Additional details of this work are on file under Work Order: 2009.

SIGNED Edward J. Schertz

Edward J. Schertz
A&P 1988690

4/18	6506.44			replaced up LDG gear light bulb by LED (amber) Private Pilot Certif # 3552452
5/19	6525.46			replaced dn LDG gear light bulb by LED Private Pilot Certif # 3552452 (green)

Repairs and Alterations

YEAR
20__
DATE

Aviation Plus LLC
262-656-1260
aviationplusllc.com

07/01/2012 N52944 Tach 6558 TTAF 6558

Serviced the Challenger air filter per ICA. Reinstalled PowerFlow exhaust system after checking for cracks and applying anti-seize per ICA. Added Tanis circular plug bracket to oil filler tube per supplied instruction TN01062Rev.A. Replaced seal on oil cooler inlet scoop. Replaced 5 cowl shock mounts. Repaired center left cowl shock mount bracket. Reoriented throttle cam and rigged microswitch. Shimmed nose strut for proper length. Replaced nose and main tires. Replaced o-rings in gear actuator valve. Replaced o-rings in left gear leg and bled brake. Cleaned corrosion from stabilator arm brackets. Replaced vacuum relief and system filters. Stopdrilled cracks on left wingtip. Repaired co-pilot's push to talk switch wire. Reinstalled Turn Coordinator after repair @ Avionics Place WO#14657. Replaced fuel filler plates and caps with William J Barton Monarch Air Development caps, 337 filed. ELT checked per FAR91.207(d). C/W AD11-10-09, seats & rails, visual & dimensional check, due 100 hrs/annually. C/W AD11-26-04, injector lines & supports, visual inspection, due 100 hrs. All routine items checked per inspection sheets. I certify this airframe was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Robert Russell 3411885 IA

jairtech

JJ Airtech, LLC
jjairtech@aol.com

286 Aviation Blvd.
Lancaster, SC 29720

MAKE: Cessna
S/N:177RG1315

Model: 177RG

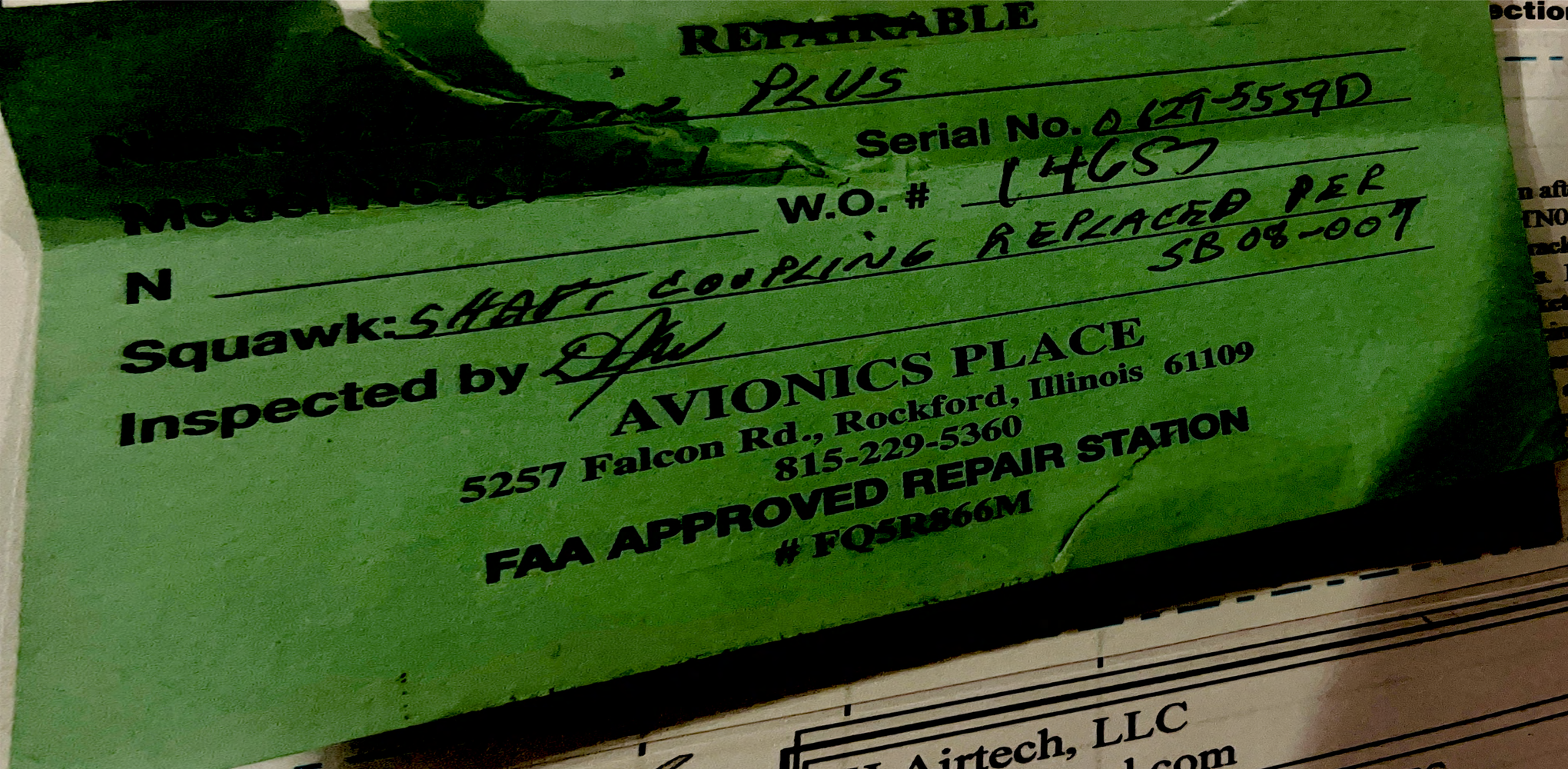
Reg. No: N52944
TACH: 6655.43
Date: 11/01/2012

Airframe Log

Complied with AD2011-10-09 as per AD. Next inspection due at 6755.43 or 11/30/2013. Checked and serviced brake fluid reservoirs with 5606.

Justin K. Miller
A&P2789189

END



ections, Tests, Repairs and Alterations

n after checking for cracks and applying anti-seize per TN01062Rev.A. Replaced seal on oil cooler inlet racket. Reoriented throttle cam and rigged s. Replaced o-rings in gear actuator valve. Replaced ets. Replaced vacuum relief and system filters. installed Turn Coordinator after repair @ Avionics uch Air Development caps, 337 filed. ELT check, due 100 hrs/annually. C/W AD11-26-04, er inspection sheets. I certify this airframe was worthy condition.

Robert Russell 3411885 IA

286 Aviation Blvd.
Lancaster, SC 29720

Reg. No: N52944
TACH: 6655.43
Date: 11/01/2012

Checked and serviced brake fluid

JJ Airtech, LLC
@aol.com
177RG

YEAR
20__
DATE

rations
nber of
entries.)

JJ Airtech, LLC
jjairtech@aol.com

286 Aviation Blvd.
Lancaster, SC 29720

MAKE: Cessna
S/N:177RG1315

Model: 177RG

Reg. No: N52944
TACH: 6679.45

Date: 11/29/2012

Airframe Log

Replaced aileron trim tab hardware. Serviced landing gear hydraulic reservoir with 5606. Tightened copilots Rosen visor bracket

Justin K. Miller
A&P2789189

END

JJ Airtech, LLC
jjairtech@aol.com

286 Aviation Blvd.
Lancaster, SC 29720

MAKE: Cessna
S/N:177RG1315

Model: 177RG

Reg. No: N52944
TACH: 6685.09

Date: 12/14/2012

Airframe Log

Removed CO Guardian Detector P/N 553 S/N 71439 (12/17/2007) and installed new CO Guardian P/N 553-101-001 S/N 50210. See 8130-3 dated 12/11/2012. Removed taxi light bulb and replaced with FAA-PMA Whelen Parmetheus Model PLED2T P/N 01-0771424-25 S/N 02959 and operationally tested. Removed and replaced (1) SK2003-ADJ cowl mount. Replaced R/H brake caliper o-ring w/MS28775-224 and bled R/H brake.

Justin K. Miller
A&P2789189

END

YEAR
20____
DATE

MAKE: Cessna
N52944
MODEL: 177RG
S/N:177RG1315
TACH: 6713.41
Airframe Log

Miller Aviation, LLC
miller.aviation@hotmail.com
286 Aviation Blvd.
Lancaster, SC 29720

Date: 1/8/2013

Replaced worn landing gear (down) press-to-switch light assembly with serviceable unit. Operationally tested normal.
Replaced tail nav lens hardware.

Justin K. Miller
A&P2789189

END

MAKE: Cessna
N52944
MODEL: 177RG
S/N:177RG1315
TACH: 6727.56
Airframe Log

Miller Aviation, LLC
miller.aviation@hotmail.com
286 Aviation Blvd.
Lancaster, SC 29720

Date: 1/25/2013

Removed and replaced ELT Battery P/N 452-6499 Rev. F and tested IAW 91.207D. Battery expires FEB/2020.

Justin K. Miller
A&P2789189

END

ACR Electronics, Inc.
Artex Products - CAGE Code 60253
Fort Lauderdale, FL 33312 A&P 2789189
LOG BOOK ENTRY
E.L.T. BATTERY
REPLACEMENT DATE 1/25/2013

YEAR
20____
DATE

MAKE: Cessna
N52944
MODEL: 177RG
S/N:177RG1315
TACH: 6751.32
Airframe Log
Complied with AD2011-

Justin K. Miller
A&P2789189

N52944
C177RG

Troublesh
and opera

Justin K. M
A&P27891

MAKE: Cessna
N52944
MODEL: 177RG
S/N:177RG1315
TACH: 6766.62
Airframe Log
Serviced left and right

Justin K. Miller
A&P2789189

YEAR
20___
DATE

MAKE: Cessna
N52944
MODEL: 177RG
S/N:177RG1315
TACH: 6751.32

Miller Aviation, LLC
miller.aviation@hotmail.com
286 Aviation Blvd.
Lancaster, SC 29720

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...r of
...ries.)

Airframe Log

Date: 3/6/2013

Complied with AD2011-10-09 as per AD. Next due Tach: 6851.32 or 3/30/2014.

Justin K. Miller
A&P2789189

END

N52944 DATE: 3/19/13

C177RG S/N: 177RG1315 TACH: 6762.65

Troubleshot tail nav light. Cleaned receptacle, replaced ground terminal and operationally tested.

Justin K. Miller
A&P2789189

MAKE: Cessna
N52944
MODEL: 177RG
S/N:177RG1315
TACH: 6766.62

Miller Aviation, LLC
miller.aviation@hotmail.com
286 Aviation Blvd.
Lancaster, SC 29720

Airframe Log

Date: 4/3/2013

Serviced left and right brake reservoirs and landing gear actuator with 5606.

Justin K. Miller
A&P2789189

END

N52944 Tach: 6821.31

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR38

Altimeter Scale Error

Correction Card

TEST PT(FT)	Indicator Reading at +25c	TEST	Indicator Reading at +25c
-1,000	-1010	30,000	
0	10	35,000	
500	510	40,000	
1,000	1010	45,000	
1,500	1520	50,000	
2,000	2020	55,000	
3,000	3020	60,000	
4,000	4020	70,000	
6,000	6030	80,000	
8,000	8040		
10,000	10040		
12,000	12020		
14,000	14040		
16,000	16060		
18,000	18040		
20,000	20020		
22,000			
25,000			

Altimeter Position	
Pilot	✓
Copilot	

ALT. S/N N3485

DATE 8-13-13

DOC# ECC123

n of Inspections, Tests, Repairs and Alterations

le endorsed with Name, Rating and Certificate Number of

FAR 91.411

ALTIMETERS,ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43

ALTIMETER CERTIFIED TO

LEFT FEET	RIGHT FEET
20 000	
S/N: N3485	S/N:
DATE: 8-13-2013 / W/O 6321	INSPECTOR: Richard Ellington

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

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 #1	MAKE: Garmin	MODEL: GTX 330	S/N: 84123310
TRANSPONDER #2	MAKE:	MODEL:	S/N:
DATE: 8-13-2013	WO: 6321	INSRECTOR: Richard Ellington	

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

YEAR 20 13

DATE 8-2

airs and Alterations
d Certificate Number of

QUIPMENT AND STATIC
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FEET

) Ellingtons
OUP, LLC
ON # QCCR-389K

S AS REQUIRED BY FAR
OUND TO COMPLY WITH
E PARAGRAPH C.
S/N:
84123310
S/N:

Ellington
UP, LLC
 # QCCR-389K

YEAR 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
8-23-13	6821.14		6821.14	Checked controls, cables, hinges, pulleys, brackets & attachments. Jacked aircraft. Checked landing gear, tires, wheels & brakes. Cleaned & lubed wheel bearings. Replaced brake linings on left & right main. Rotated tires. Serviced tires with air & balanced. Removed right downlock actuator. Replaced O rings as necessary. Reinstalled actuator. Installed new hydraulic hoses. Performed landing gear retraction checks normal & emergency extension several times. Checked OK. Serviced aircraft battery. Checked lights. Installed bulb for courtesy light. Checked E.L.T per FAR 91-207 and battery dated until February 2020. Checked fuel caps, vents, drains etc. Checked & cleaned fuel screen. Replaced O rings in fuel screen. Removed fuel filler cap & plate on right wing. Sealed & reinstalled. Replaced seat hose in wing air vents. Replaced vdo filter using CVIJ4 furnished by owner. Replaced reg. filter using 03-51. Replaced instr. air filter using AA09-16-1. Repaired left front door post. See 337 dated 8-20-2013 Fuselage Structure attach sheet. C/W SEB 27-01 control column internal glide attach screw installation by installing screws P/N MS35265-48 on the co-pilots control column & splined. C/W AD 93-05-06 by installing kit P/N A3600. Function checked O.K. Due each 2000 hrs.

(over)

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
8-23-13	continued- C/W A.D. 11-26-04 fuel injector lines by inspection C/W A.D. 11-10-09 seat track wear & seat pin engagement by inspection Removed prop & sent to H & H Propeller Service in Burlington, N.C. to be resealed. Reinstalled after return. Certify that this aircraft has been inspected in accordance with an annual inspection & is approved for return to service. Samuel Barnes A+P 2426444424 IA			

MAKE: Cessna
N52944
MODEL: 177RG
S/N:177RG1315
TACH: 6873.14
Airframe Log

Miller Aviation, LLC
miller.aviation@hotmail.com
286 Aviation Blvd.
Lancaster, SC 29720

Serviced left brake reservoir and landing gear actuator with 5606.

Date: 11/5/2013

Justin K. Miller
A&P2789189

END

YEAR 20___ DATE	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of

MAKE: Cessna
N52944
MODEL: 177RG
S/N:177RG1315

TACH: 6883.45

Miller Aviation, LLC
miller.aviation@hotmail.com

286 Aviation Blvd.
Lancaster, SC 29720

Date: 12/4/2013

Airframe Log

Removed Mid-Continent Instruments standby attitude indicator back-up battery pack P/N: 9015607, S/N: L10-10024, MFG Date: 11/10 and installed new replacement pack P/N: 9015607, S/N: H13-10670, MFG Date: 08/13 as per 4300-XXX series Electric Attitude Indicator With Battery Backup Installation Manual and Operating Instructions document. Operationally tested as per manual with no defects noted.

Justin K. Miller
A&P2789189

END

MAKE: Cessna
N52944
MODEL: 177RG
S/N:177RG1315

TACH: 6926.70

Miller Aviation, LLC
miller.aviation@hotmail.com

286 Aviation Blvd.
Lancaster, SC 29720

Date: 2/4/2014

Airframe Log

Checked lighter. Serviced brake reservoirs and checked hydraulic fluid in gear actuator. Adjusted vacuum pressure up to 5.3"H.G. (1900RPM) on gauge and positioned lock tabs on regulator. C/W AD 2011-10-09. Next due Tach: 7026.70.

Justin K. Miller
A&P2789189

END

YEAR
20___
DATE

MAKE: Cessna
N52944
MODEL: 177RG
S/N:177RG1315

TACH: 6931.31

Airframe Log

Miller Aviation, LLC
miller.aviation@hotmail.com
286 Aviation Blvd.
Lancaster, SC 29720

Date: 3/4/2014

Replaced the following fuel strainer components:
MC0756008-1 bowl, MC0756010-11 plunger, 0756012-1 spring, MC0756011-1 standpipe, MC0756015-1, MCS145027A7-032 (2) washers, MCM83248/1-111, MCM83248/1-138, MCM83248/1-010 o-rings, MC0756009-8 gasket, MCS1573-3 nut.
Checked/rigged plunger cable operation and leak checked.

Justin K. Miller
A&P2789189

END

6/3/2014 C177RG N52944 TACH 6989.12

SERVICED/CHECKED BRAKE RESERVOIRS & LANDING GEAR HYDRAULIC RESERVOIR WITH 5606. REPLACED (2) CAMLOC STUDS LH COWLING. REPLACED RH FUEL CAP CHAIN.

JUSTIN K. MILLER
A&P 2789189

END

N52944 Cessna 177RG s/n 177RG1315 Tach: 6993.20 20 June 14

Aircraft main and nose wheels were submerged in water while parked. Jacked aircraft, removed main and nose wheel assemblies, cleaned, inspected and repacked all wheel bearings. Re-assembled main and nose wheel assemblies. Set tire pressures and serviced brake reservoirs. Tested brake operation, no defects noted.

A&P2612264

Brian M. Meadows

Twin Lakes Avionics

Date: 07-02-2014 **Model:** Cessna 177RG **S/N:** 177-1315 **N#** 52944 **W/O#** 9261 **Tach:** 6993

Removed GTX330, PN: 011-00455-60 SN: 84123310, and reinstalled after modification to GX 330ES PN: 011-00455-60 by manufacturer, see 8130 TRK# 70866841. Added RS 232 data line between GNS 430W #2 and GTX 330 IAW Garmin ADS-B installation manual. Updated GMX 200 PN: 011-01465-00 SN: 38401101 software version 2.12 I/A/W SB# 0717 Rev. A. SB# . Updated GNS430W, PN:011-01060-00 SN:23403093 & SN: 23403105, IAW SB# 1225 and 1315 Rev. A, SB# 1401 & SB# 1403 Rev. A. Replaced autopilot Nav 1/2 selector switch with a locking toggle switch. Added optional Mode, Disconnect, and ALT yoke mounted switches IAW manufacturers installation manual. Installed Garmin GDL 39 data cable, PN: 010-11686-40 interfaced to avionics buss. Removed JPI EDM 711, PN:EGT-701-(4)C SN: 23833, and reinstalled after USB option mod by manufacturer, see 8130 TRK# R260614-2. Fabricate and Installed bracket for JPI USB interface option. Reference 337 dated July 2, 2014 for ADS-B modification.

The aircraft, airframe, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station

Twin Lakes Avionics, CRS: JB4R278M Inspected

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

Miller Aviation, LLC
Miller.Aviation@hotmail.com
286 Aviation Blvd.
Lancaster, SC 29720

MAKE: CESSNA
S/N: 177RG1315

Model: C177RG
TTAF: 7023.82

Reg. No: N52944
Tach: 7023.82
Date: 9/25/14

Airframe Log

C/W Annual Inspection as per FAR 43 Appendix D. Tested ELT IAW 91.207D. ELT operation/G-switch functions normal. Battery expires FEB2020. Performed normal gear extension and retraction and emergency gear extension. Removed and repaired R/H nose gear door damage, painted, and reinstalled. Installed sheet metal screw in L/H fwd side panel and taped documents pocket. Tightened R/H brake clevis assembly/nut at master cylinder rod. Lubricated both Monarch fuel cap gaskets with mineral oil. Replaced all cowling Skybolt studs and replaced receptacle lower L/H cowl. Repaired L/H lower cowl mount bracket with sheet metal. Removed L&R upper fuel tank access panel screws, resealed with CS3330B2 sealant and replaced with stainless screws. Installed "snap" screws for cabin cover installation as per supplied instructions. Added washers below rear seat mounting plates to facilitate removal and reinstallation per customer request. Inspected CV1J4 vacuum filter and replaced D9-18-1 and B3-5-1 vacuum filters. Removed and replaced directional gyro after overhaul and operationally tested. See 8130-1 form dated 09/11/2014 for details. Straightened several wing VGs. Replaced tail tie down ring with serviceable. Swapped L&R main tires on rims and installed valve extender in R/H wheel. Inspected Garmin GTX330GTX installation as per ICA. Inspected pulselight and HID landing light installation and operation as per ICA. Checked induction air filter, serviced as per Challenger ICA, and reinstalled. Installed maple Leaf Aviation Limited fiberglass exhaust fairing on lower cowling as per STC SA01386NY. Instructions for Continued Airworthiness ICAW-2007 inserted into aircraft inspection records. Checked Ads through 9/25/14 and placed a listing in aircraft records. C/W AD2011-10-09. Next due Tach: 7123.82/Annual. AD93-05-06 Not due. Due at Tach: 8821.14. I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition.

Justin K. Miller
A&P2789189IA

END

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

Miller Aviation, LLC
Miller.Aviation@hotmail.com

286 Aviation Blvd.
Lancaster, SC 29720

MAKE: CESSNA
S/N: 177RG1315

Model: C177RG
TTAF: 7024.85

Reg. No: N52944
Tach: 7024.85

Date: 9/30/14

Airframe Log

T/S electrical issue and inspected airframe wiring and contactors. Removed, cleaned and resecured battery ground cable. Removed RG24-16 battery S/N 40397792. Installed new RG24-16 battery S/N 40677143. Operationally tested ok with no defects noted.

Justin K. Miller
A&P2789189

END

YEAR 20___ DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
				Entries must be endorsed with Name, Rating and Certificate Number of Person making Entry. (Use back if necessary for additional entries.)

AIRFRAME ENTRY

"N" #:	Make:	Model:	Serial #:	Tach Time:	Date:
N52944	CESSNA	177RG	177RG1315	7075.71	12/05/2014

Description

1. **COMPLIED WITH PRELIMINARY INSPECTION** IN ACCORDANCE WITH INDUSTRY STANDARDS.
2. **COMPLIED WITH SEB07-5 R5, INSTALLED PILOTS SECONDARY SEAT STOP** KIT SK210-174B UTILIZING ILLUSTRATION "K" I/A/W INSTALLATION INSTRUCTIONS. OPERATIONAL CHECKED GOOD. THE WEIGHT & BALANCE AND EQUIPMENT LIST UPDATED & REVISED.

**********MAINTENANCE RELEASE**********

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER 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 UNDER WORK ORDER NO. **92864.**

EAGLE AVIATION.

SIGNED BY: _____ FOR
EAGLE AVIATION, INC., 2861 AVIATION WAY, WEST COLUMBIA, SOUTH CAROLINA 29170
FAA APPROVED REPAIR STATION NO. FEHR859D

Miller Aviation, LLC
Miller.Aviation@hotmail.com

286 Aviation Blvd.
Lancaster, SC 29720

MAKE: CESSNA
S/N: 177RG1315

Model: C177RG
TTAF: 7092.36

Reg. No: N52944
Tach: 7092.36
Date: 1/13/2015

Airframe Log

Replaced one cowl mount and spacer. Revised weight and balance data.

Justin K. Miller
A&P2789189

END

YEAR 20___ DATE

CAROLINA AVIONICS GROUP, LLC
FAA Approved repair station QCCR389K
N52944

LEFT
20
S/N: N
DATE: 4-16-201
N5294 F

YEAR
20
DATE

N52944

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K

Altimeter Scale Error

Correction Card

TEST PT(FT)	Indicator Reading at +25c	TEST	Indicator Reading at +25c
-1,000	-1010	30,000	
0	-10	35,000	
500	500	40,000	
1,000	990	45,000	
1,500	1490	50,000	
2,000	1990	55,000	
3,000	2990	80,000	
4,000	3990	70,000	
8,000	7960	80,000	
8,000	7998		
10,000	9980		
12,000	11960		
14,000	13960		
18,000	15960		
18,000	17960		
20,000	19980		
22,000			
25,000			

Altimeter Position: Pilot ✓ Copilot

ALT. S/N N3485

DATE 4-16-15

DOC# ECC123

FEET

RIGHT

FEET

S/N:

nd Alterations
cate Number of
specific entries.)

YEAR
20____
DATE

Charlotte-Monroe Air Center
1650 Aviation Drive
Monroe, N C 28110
704-283-0000

N#:52944 Date:7-1-2015 Tach:7150.75 Model:177RG
Cleaned and repaired connector for flap motor in wing, ops check normal.

A&P3293400

Twin Lakes Avionics

Date: 8/21/2015 **Model:** Cessna 177RG S/N: 177-1315 N# 52944 **W/O#** 9819**Tach:** [redacted]
Updated Garmin MX 200, PN: 011-01465-00 SN: 58401101, IAW SB# 1509 rev.B.
Updated Garmin GTX 330ES, PN: 011-00455-60 SN: 84123310, IAW SB# 1435 rev.B.
Updated Garmin 430Ws, PN: 011-01060-00 SN: 23403093 and SN: 23403105, IAW SB# 1461 and SB# 1535.
The aircraft, airframe, engine, or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.
Paul R. Greer Jr. A&P: 3254795 Inspected

8/23/16 Removed cowls & cowl flap, air box and alternator to access to starter
Replaced Skytec Starter (new) part 149-NL S/N FN-011317
Replaced alternator, air box, cowls + flap & safety wire
Paul D. Lewis PPL/IR 3552477 owner Samuel Barnes
ATP 2476444424

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r specific entries.)

YEAR 2015 DATE	RECORDING TACH TIME	TODA FLIG
9-4-15	7192.13	

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races on
pump wit
system fo
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P/N
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YEAR 2015 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
9-4-15	7192.13		7192.13	Checked controls, cables, hinges, pulleys, brackets & attachments. Checked landing gear, tires, wheels & brakes. Cleaned & lubed wheel bearings. Replaced both main tires using Condor 15 X 6.00-6 ply. Replaced bearings & races on right main wheel. Replaced bearings & races on nose wheel. Serviced tires with air & balanced. Replaced fuel pump with a Weldon pump P/N 8000B S/N 188128. Serviced hydraulic system for gear & brake system with 5606 fluid. Installed J55 actuator switch for throttle, gear horn. Jacked aircraft. Performed landing gear retraction checks, normal & emergency extension. System checked normal. Serviced aircraft battery. Checked lights. Replaced tail nav bulb with a Whelen LED P/N 7155401 bulb. Replaced left wing tip using P/N GF 1723005-11. Fitted & painted. Replaced Whelen strobe light bulb. Replaced Whelen nav light bulb & lens. Replaced spring using P/N 0717126-3 on pilots outside door handle. Checked ELT per FAR 91.207 paul battery dated until February 2020. Checked fuel caps, vents, drains etc. Lubed fuel caps with mineral oil. Checked and cleaned fuel strainer. Installed a new block P/N 0570026-1 for VOR antenna on top of vertical fin. Replaced inst. air filter using 09-18-1 (over)

YEAR 2015 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
				Replaced vac reg filter using B3-5-1. C/WA.D. 76-07-12 function check of mag switch. C/WA.D. 11-26-04 inspection of fuel injector lines C/WA.D. 11-10-09 inspection of seat track wear & seat pin engagement. I certify that this aircraft has been inspected in accordance with an annual inspection & is approved for return to service. Samuel Barnes A&P 2426444424 IA

YEAR 2016 DATE	RECORDI TACH TIME
2/19/16	73
3-1-16	

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

AIRFRAME LOG BOOK ENTRY
25 SEPTEMBER 2015

TORNADO ALLEY TURBO, INC.

N52944 CESSNA CARDINAL 177RG SN: 177RG1315 ACFT TACH 7205.5
LYCOMING IO-360-A1B6D SN: L-18466-51A ENG TT: UNK ENG TSMOH: UNK

REMOVED AND REPLACED VACUUM PUMP P/N AA3215CC WITH NEW VACUUM PUMP S/N 09DE14 IAW CESSNA 177RG SERVICE MANUAL

RUN-UP, OP'S, AND LEAK CHECK OK. APPROVED FOR RETURN TO SERVICE.

AIRFRAME WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS, ADVISORY CIRCULARS, AND APPROPRIATE MANUFACTURER'S MANUALS

JOSEPH NOLEN A&P 3635938

YEAR 20 16 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
2/19/16	7303.55			Performed Cessna SEB-57-03 (wings - Lower Main Spars Cap inspection) for 7000hr aircraft - no crack nor corrosion found. Chuck Lyons Owner Private Pilot Certif # 3552452
3-1-16	7317.77			C/W A.D. 76-07-12 function check of mag switch. C/W A.D. 11-10-09 insp. of seat track wear & seat pin engagement. C/W A.D. 15-19-07 inspection of fuel injector lines. Samuel Barnes A+P 2426444424
5-26-16	7416.56			C/W AD 76-07-12 function check of mag switch, C/W A.D 11-10-09 insp. of seat track wear seat pin engagement. C/W A.D 15-19-07 inspection of fuel injector lines. Samuel Barnes A+P 2426444424

YEAR 20 16 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
6/12/16	7422.86			Replaced (2) clear and (3) red GE #53 bulbs on panel (below glare shied) Chris D'Amico Private Pilot cert # 3552452 Owner.

7-18-16 Tach 7445.17

Replaced ~~element~~ LIMIT switch using P/N 31906-1 on flap motor.

PEALL APIA # 3635915

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N52944 Tach 7493.84

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCR389K

Altimeter Scale Error

Correction Card

TEST PT(FT)	Indicator Reading at +25c	TEST	Indicator Reading at +25c
-1,000	-990	30,000	
0	10	35,000	
500	510	40,000	
1,000	1010	45,000	
1,500	1510	50,000	
2,000	2000	55,000	
3,000	3000	60,000	
4,000	4000	70,000	
6,000	5990	80,000	
8,000	7980		
10,000	9980		
12,000	12000		
14,000	14000		
16,000	16000		
18,000	18000		
20,000	20000		
22,000			
25,000			

Altimeter Position

Pilot ✓

Copilot

ALT. S/N N3485

DATE 10-7-16

DOC# ECC123

PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPONDER #1	MAKE: Garmin	MODEL: GTX330 S/N: 84123310
TRANSPONDER #2	MAKE:	MODEL: S/N:
DATE: 10-7-2016	WO: 7614	INSPECTOR: Richard Ellington

CAROLINA AVIONICS GROUP, LLC

N52944 FAA APPROVED REPAIR STATION # QCCR-389K

YEAR 20 16

DATE

RECORDING TACH TIME

ALTIMETERS, A
PRESSURE S
SPECIF

LEFT FE 20,00

S/N: N3485

DATE: 10-7-2016 W/C

N52944 FAA APF C

YEAR 20 16 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
10-13-16	7494.5		7494.5	Checked controls, cables, hinges, pulleys, brackets & attachments. Jacked aircraft. Checked landing gear, tires, wheels & brakes. Cleaned & lubed wheel bearings. Rotated main tires. Serviced tires with air & balanced. Replaced brake linings using P/N AP566-10900 on left & right mains. Replaced "O" ring for right brake cylinder. Serviced brakes with fluid. Performed landing gear retraction checks normal & emergency extension. Serviced aircraft battery. Checked lights. Checked E.L.T per FAR 91-207 paid battery dated until February 2020. Checked fuel caps, vents, drains etc. Lubed fuel caps with mineral oil. Checked & cleaned fuel strainer. Replaced O rings for fuel screen. Replaced bushings using P/N NAS 77-8-135 in nose gear for shimmy dampner. Replaced inst. air filter using P/N AA09-18-1 Replaced vac sys filter using B3-5-1. Replaced static wick on right aileron using P/N 101-38053-11. Replaced rod end using P/N MCS1819-1 on left aileron. Old fire extinguisher was found bad, replaced fire extinguisher with new. Installed a new Tanis preheat kit P/N TSP4CYL 2925-115 S/N 50458 per STC SE03232CH + installation instructions. See 337 dated 10-11-16. C/W SEL 57-03 inspection of lower main spar cap. No defects noted. Sent report to Cessna. C/W SAN 16-07-12 heat

YEAR 20 ____ DATE	RECORDING TACH TIME	TO FL
	function chec	
	over & seat pin	
	lines. I certify	
	with an ann	
11-21-16	7524.45	
	right mains	
	balanced	

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
				function check of mag & vital C/WA.D 11-18-09 insp of seat track wear & seat pin engagement. C/WA.D. 25-09-07 inspection of fuel injector lines. I certify that this aircraft has been inspected in accordance with an annual inspection & is approved for return to service. Samuel Barnes A+P 2426444424 IA
11-21-16	7524.45			Installed two new tires on left & right mains yuseng Condor 15.6.00 x 6 ply. Serviced with air & balanced John E. Carlton 402065620 IA

Carolina Flight Services, LLC
864-641-3907
October 31, 2016 N52944 S/N 1315

TACH 7542.3

Airframe Log Entry

Removed & Replaced Nose intertube, Ops & Leak checks OK
Aircraft Returned to Service at This Time

Robert J. Pierce A&P 2657776

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

Executive HeliJet
Myrtle Beach International Airport
3301 Mustang Street
Myrtle Beach, SC 29577

Date: 3/09/2017; Aircraft: N52944; Type: Fixed Wing Single-Engine; S/N: 177RG1315; Hobbs:; Tach: 7564.30; Total Time:
Shop Order #: 17-1340, Closed: 3/09/2017

COMPLIED WITH AD 2011-10-09 BY INSPECTION OF SEAT RAILS, NO DEFECTS NOTED. NEXT DUE TACH 7664.3.
THE AIRCRAFT AIRFRAME OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND MANFACTURES MAINTENANCE INSTRUCTIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT EXECUTIVE HELIJET, LLC.

Signature: _____

Cert#: IA+P 2694200

MAKE: Cessna
S/N:177RG1315

Model: 177RG

Reg. No: N52944
TACH: 7658.15

Airframe Log

Date: 9/13/2017

Complied with AD2015-19-07 by inspection per e (ii). No defects noted Next inspection due at 7758.15, after engine maintenance, fuel line clamp loosened, moved, or disconnected. Complied with AD 2011-10-09 G1-10. Next inspection due 7758.15. Soldered broken wire onto the gear horn assembly. Adjusted and lubed throttle cable. Ops check ok.

Allen Cook
A&P2578669

END

YEA
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DAT

MAKE: Cessna
S/N:177RG1315

Airframe Log

Removed Precise F
03101. Ops check

Allen Cook
A&P2578669

YEA
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tions
er of
tries.)

MAKE: Cessna
S/N:177RG1315

Model: 177RG

Reg. No: N52944
TACH: 7663.51
Date: 10/5/2017

Airframe Log

Removed Precise Flight Inc pulselite control unit M/N 1210/2405-2A S/N J 07027 and replaced with serviceable part S/N J 03101. Ops check OK.

Allen Cook
A&P2578669

END

YEAR
20____
DATE

Airframe

REG. NO.: N52944
MAKE: Cessna
MODEL: 177RG
S/N: 177RG1315

Tennessee Aircraft Services, Inc.
2313 Technology Center Drive
Jackson, TN 38301
731-424-7227

Cessna

DATE: October 20, 2017
AFTT: 7667.27
Engine time: 1676.47

1. Performed Annual inspection with reference to FAA CFR 43 Appendix D.
2. ELT system checks and inspections performed in accordance with FAA CFR 91.207(d). Battery expiration date is 2020.
3. Serviced ships battery by inspecting installation. No problems were found.
4. Gascolator screen removed, inspected, cleaned and reinstalled. Leak checked with no discrepancies noted.
5. Inspect all cables in their bellcranks and lubricate with Corrosion X.
6. Flight Control Cable Tension Checks completed.
7. Checked brakes and hydraulic fluid levels. No problems noted.
8. Installed new o rings in main landing gear actuator, leak and ops check good.
9. Inspected STEC autopilot connected behind baggage area for loose connections. No problems noted.
10. Applied silicone on nose gear down lock magnet to maintain proper operation. Operational check was good
11. Rigged ailerons and right flap to correct roll problem. Operational check was good.
12. Installed eight new skybolt cowling mounts and adjusted per manufacturers recommendations.
13. Inspected and cleaned corrosion off of pilots headset receptacle.
14. Installed new baffle around oil cooler shroud.
15. Installed new clevis pin and cotter pin on pilots cabin door.
16. Performed a CorrosionX treatment on aircraft.
17. Set stabilator cable tensions to 30 +-10 in accordance with Maintenance Manual.
18. Set rudder cable tensions to 30 +-10 in accordance with Maintenance Manual.
19. Installed new scat-12 hose for cabin heat on lower/left side of engine.
20. Removed one left main gear saddle pad block shim and installed on right side to level aircraft.
21. Rotated right and left main tire to achieve proper tire wear. Installed safety cotter pin and safetied brake pads.
22. Fabricated new prop hub cover plate using 0.040" 2024T-3 aluminum. Installed using original fastener pattern.
23. Complied with AD 93-05-06 amendment 39-8511 by Inspecting and lubricating ignition switch. Applied red paint to screws.
24. Complied with AD2011-10-09 by inspecting the seat rail and roller housing for damage and wear. No problems noted.
25. Inspected leading edge for missing or damaged VG's. No problems noted.

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

Signed:

Carter, David, A&P IA . 2707291

Date: October 20, 2017
Work Order. #

YEAR 20___ DATE				Iterations (Number of specific entries.)

Pee Dee Avionics

Lynch-Bellinger Field (KCQW)
197 Janice Cir
Cheraw, SC 29520

Date: 1/25/18 **N#** 52944 **Tach:** 7716.0 **Hobbs:** n/a **WO#** 1449
Make: Cessna **Model:** 177RG **SN:** 177RG1315

Installed AV-535 VHF antenna on belly, fwd of main gear. Installed BNC coupler in copilot's panel interfaced to AV-535. Installed RG400 coax cable between AV-535 and BNC coupler. R&R GDL39 cable w/ customer supplied cable. W&B calculated New EW=1902.77 CG=104.39
The airframe, powerplant, radio identified above was repaired and inspected I/A/W current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

A&P 3253097

MAKE: Cessna
S/N:177RG1315

Model: 177RG

Reg. No: N52944
TACH: 7730.44

Date: 2/28/2018

Airframe Log

Removed and replaced Guardian Carbon Monoxide detector M/N 553. Next due 2/28/23. P/N 553-101-001 S/N 50588

Allen Cook
A&P2578669

END

YEAR 20__ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TIME IN SERVICE	Entries made by Pilot, Certificated Mechanic, Technician or Repair Facility. (See [illegible])

Hall Aviation

Date: 7-9-18 **N#: N52944** **Tach: 7774.0**

Removed all panels checked and lubed all pulleys, cables, and rod ends. Jacked aircraft cleaned and packed all wheel bearings, performed a retract test, and replaced the gear warning switch(pn: S22241-1). Serviced battery, hydraulic fluid, and air filter. Check elt system I/A/W 91.207(d) battery exp 2020. Checked all Ads to date. I certify that this Aircraft/Engine/Prop has been inspected I/A/W a annual inspection and found to be in a airworthy condition at this time.
C/W AD 11-10-09 seat rails by inspection

Wendell Hall Wendell Hall IA 3678314

YEAR
20
DATE

Alterations
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ecific entries.)

Pee Dee Avionics

Cheraw Municipal Airport
197 Janice Cir
Cheraw, SC 29520

Date: 6/28/18 **N#** 52944 **Tach:** 7773.7 **Hobbs:** n/a **WO#** 1509
Make: Cessna **Model:** 177RG **SN:** 177RG1315

Removed 700-4CF Attitude gyro, 4000D-6 Directional gyro, GI-106A CDI, & ST-901 GPSS roll steering converter. Removed vacuum system consisting of vac pump, regulator, filters, & gauge. Relocated "backup" Mid-Continent attitude indicator to location of removed GI-106A. R&R transistor for instrument lighting dimmer. Installed Guardian Avionics USB 250-101 USB socket. Updated software in GNS430Ws, sn:23403093 & sn:23403105, IAW Garmin SB 1766. Updated software in GTX330, sn:84123310, IAW Garmin SB 1804. Installed Garmin AOA system consisting of GI260 indicator, GSU25 ADC, & GAP26 heated pitot probe. Installation of AOA considered a minor alteration IAW Garmin IM, 190-01752-00, Rev. 6. Installed Garmin Flightstream 210, pn:011-03257-40, as a minor alteration to existing Garmin GNS430W STC SA01933LA-D. Installed dual Garmin G5 system IAW Garmin STC SA01818WI, reference FAA form 337 dated 6/28/2018. Revised equipment list. Calculated W&B, EW=1896.77 CG=104.55
The airframe, powerplant, radio identified above was repaired and inspected I/A/W current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

A&P 3253097

Pee Dee Avionics

Cheraw Municipal Airport
197 Janice Cir
Cheraw, SC 29520

Date: 6/28/18 **N#** 52944 **Tach:** 7773.7 **Hobbs:** n/a **WO#** 1510
Make: Cessna **Model:** 177RG **SN:** 177RG1315

Performed the Altimeter, Transponder, and altitude reporting tests required by 14 CFR 91.411 and 91.413 I/A/W 14 CFR 43, appendicies E & F.
Primary PFD Make: United Instruments, Model: 5934P-1, SN: H3485 tested to 20,000 ft. on 6/26/18.
Standby altimeter Make: Garmin, Model: G5, SN: 4JQ016199 tested to 20,000 ft on 6/26/18.
Standby altimeter Make: Garmin, Model: G5, SN: 4JQ016150 tested to 20,000 ft on 6/26/18.
Transponder Make: Garmin, Model: GTX330, SN: 84123310
Transponder and altitude reporting tested to 20,000 ft on 6/26/18.
Performed the aircraft static pressure system test and inspection required by 14 CFR 91.411.
The radio and/or instrument identified above was repaired and inspected I/A/W current maintenance regulations of the Federal Aviation Regulations and is approved for return to service.
Pertinent details of the repair are on file at this repair station.

CRS 12PR349C

YEAR 20 18 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
8/9/18	7782.4			- Replaced all GE#53s bulbs under glareshield by ( ) BA9s LED light bulb part # BA9SF-R-28VAC (red) and ( ) BA9s LED light bulb part # BA9SF-WW-28VAC (white). - Replaced incandescal bulbs (2) in courtesy lights by 1142 LED light bulb 27 SMD LED Tower BA15D retrofit. - Replaced RG-24-16 battery S/N 40677143. Installed new Concord battery RG24-16. Operationally tested ok Christopher D. Morris Owner, Private Pilot cert # 3552458

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

Hall Aviation

Date: 11-2-18 **N#** N52944 **Tach:** 7830.0

Removed all panels checked and lubed all pulleys, cables, and rod ends. Jacked aircraft cleaned and packed all wheel bearings, performed a retract test, rebuilt both brake calipers and replace both main gear limit switches (L part #2070017-4 and R part #2070017-1). Service battery, hydraulic fluid, and air filter. Inspected elt I/A/W 91.207(d) (exp 2020). Installed new BAS inertia reel harness STC #SA2067NM(see STC). Checked all ads to date. I certify that this Aircraft/Engine/Prop has been inspected I/A/W a annual inspection and found to be in a condition for safe flight.

C/W AD 11-10-09 seat rails by inspection

C/W AD 15-19-07 fuel injector lines by inspection

Wendell Hall Wendell Hall IA 3678314

YEAR
20__
DATE

BANKAIR, INC

N52944
S/N: 177RG131

DATE: 24/APR/2019
TACH: 7893.4

Alterations
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ecific entries.)

1. **C/W the following maintenance:**
   - Removed and reinstalled magneto after repair by CRS# YYBR664L under W/O# 100080 dated 09/APR/2019.
   - Removed and replaced 2 each capacitors with new P/N KA10-400574.

Maintenance performed on this Airframe was performed IAW current regulations of the FAA and is approved for return to service with respect to work performed.

Signed: Scott Bedenbaugh A&P: 3590645

page 1 of 1

YEAR
20__
DATE

27 June
2019

1. Remo
Found
2. Inst
S/N:
3. M
4. A
5.

wo: WO_00507

Airframe · page 1 of 1

SAVANNAH
AVIATION

Savannah Aviation · 34 Hanger Road · Savannah, GA 31408 · (912) 964-1022

N52944
Tach: 7898.67

CESSNA, 177RG, S/N: 177RG1315

May 28, 2019

Removed magneto D4LN-3000, P/N 10-682555-11, S/N G09HA038R, sent magneto for inspection/repair, re-installed magneto and timed to engine. Performed ground run-up, ops check satisfactory. Magneto inspection performed by Poplar Grove. All maintenance completed in accordance with applicable sections of the manufacturer's maintenance manual. All operational, rigging and functional checks tested satisfactorily. I certify that the maintenance identified above has been inspected and the items are approved for return to service. Details of work performed are on file with Savannah Aviation under work order: WO_00507.

Thomas Ireland A&P 3198250 Thomas Ireland

YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
20	27 June 2019	N52944	Cessna 177RG	S/N: 177RG1315 — 7907.34 Hours

1. Removed Magneto P/N: 10-382555-11R, S/N: G09HA038R from aircraft for excess magneto drop. Found right side of magneto not working.
2. Installed new overhauled Duel Magneto (Bendix / CMI D-2000 Series) P/N: 10-382555-11R, S/N: D-11003, from Aircraft General Supply, Jacksonville, Fla, Invoice No. 1880.
3. Magneto was installed, and timing set I/A/W Lycoming Service manual.
4. Aircraft was ground run and operations check was normal.
5. Aircraft is returned to an airworthy condition. (END)

Signed: _____ 27 June 2019

Richard F. Manning Jr A&P 256984352 IA

Model C177RG
S/N 177RG1315
Reg # N52944

Interstate Turbine Management
2700 Fort Trenholm Road
Johns Island, SC 29455

Date 10/9/19
Tach 7908.2
WO# 4745

Engine: Complied with 500 Hour Magneto Inspection , Bendix PN 10-382555, SN #D-11003. Replaced L/R Points, PN #10-382585 and L/R Brushes, PN #10-160844. Timed Magneto Internally and re-installed and Timed to Engine. Checks Good on Run Up.

_____ 3430397 A&P

YEAR 20___ DATE	RECORDING TACH TIME

Hall Aviation

Date: 12-17-19 **N#** N52944 **Tach:** 7913.3

Removed all panels checked and lubed all pulleys, cables, and rod ends. Jacked aircraft cleaned and packed all wheel bearings and performed a retract test, replaced all brake pads. Replaced and inspected elt I/A/W 91.207D (exp feb 2027). Serviced battery, hydraulic fluid, and air filter. Checked and complied with all ad's to date. I certify that this Aircraft/Engine/Prop has been inspected I/A/W a annual inspection and found to be in a condition for safe flight.

Wendell Hall _____ IA 3678314

Pee Dee Avionics

Lynch-Bellinger Field (KCQW)
197 Janice Cir
Cheraw, SC 29520

Date: 12/16/19 **N#** 52944 **Tach:** 7913.34 **Hobbs:** n/a **WO#** 1806

Make: Cessna **Model:** 177RG **SN:** 177RG1315

Performed the Altimeter, Transponder, and altitude reporting tests required by 14 CFR 91.411 and 91.413 I/A/W 14 CFR 43, appendices E & F.

Altimeter Make:United Instruments, Model:5934P-1, SN:H3485 tested to 20,000 ft. on 12/16/19.

Altimeter Make:Garmin, Model:G5, SN:4JQ016199 tested to 20,000 ft. on 12/16/19.

Altimeter Make:Garmin, Model:G5, SN:4JQ016150 tested to 20,000 ft. on 12/16/19.

Transponder Make:Garmin, Model:GTX330, SN:84123310.

Transponder and altitude reporting tested to 20,000 ft on 12/16/19.

Performed the aircraft static pressure system test and inspection required by 14 CFR 91.411.

The airframe, radio, and/or instrument identified above was repaired and inspected I/A/W current maintenance regulations of the Federal Aviation Regulations and is approved for return to service.

Pertinent details of the repair are on file at this repair station.

CRS 12PR349C _____

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

HALL AVIATION AIRCRAFT MAINTENANCE

Date: 6-16-20 **N:** N52944 **Tach**:8002.0

Replaced both main tires. Replaced nose gear squat switch and nose gear warning light switch, jacked aircraft and performed several retract test. Op's checked OK. All work was done I/A/W AC 43.13-1B/2A and approved for return to service.

Scotty Hall _____ A&P 2722407

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with [illegible] Technician or Repair Facility. (*See* back pages for other sheet[illegible]

WALK AVIATION AIRCRAFT MAINTENANCE

Date: 7-31-20 **N#** N52944 **Tach:** 8051.6

Removed all panels checked and lubed all pulleys, cables, and rod ends. Jacked aircraft cleaned and packed all wheel bearings. Serviced battery, hydraulic fluid, and air filter. Inspected elt I/A/W 91.207D (exp Feb 2027). Performed the 100 hour poly-flow inspection and anti-seize all joints and no cracks were found. Checked and complied with all ad's to date. I certify that this Aircraft/Engine/Prop has been inspected I/A/W a 100 hour inspection and found to be in a condition for safe flight. C/W 11-10-09 Seat track inspection—next due @ tach: 8151.6

Wendell Hall _____ IA 3678314

YEAR 20___ DATE	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of entries.)

Model C177RG
S/N 177RG1315
Reg # N52944

Interstate Turbine Management
2700 Fort Trenholm Road
Johns Island, SC 29455

Date 1/6/21
Tach 8137.2
WO# 20-123

Replaced Left Main Tire Tube w/new PN #097-500-0 (Michelin Airstop). Inspected Brakes Pads/Disc/Tire/Wheel.

2822956 A&P

AIRFRAME log book 1 Aug 2021 RE-upholstered front & back seats, All materials comply w/FAA requirements that pertain to fire retardants/burn rate. In addition retardant spray was applied underneath the fabric & foam materials to reduce the burn rate of the seats. I certify these seats meet all FAA requirements. RTS.----------end----------

R E Bernard A&P2470825

YEAR 20___ DATE	RECORDING T/ T	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations (Number of fic entries.)

HALL AVIATION AIRCRAFT MAINTENANCE

Date: 8-6-21 **N#** N52944 **Tach:** 8138.8

Removed engine and sent to Triad for overhaul, reinstalled on aircraft and leak checked. Replaced throttle, prop, and mixture cables with new cables. Replaced all engine mount rubbers. Replaced all fuel and oil hoses. Removed all panels checked and lubed all pulleys, cables, and rod ends. Jacked aircraft cleaned and packed all wheel bearings and performed a retract test. Serviced battery, hydraulic fluid, and air filter. Inspected elt I/A/W 91.207D (exp 2027). Checked and complied with all AD's to date. I certify that this Aircraft/Engine/Prop has been inspected I/A/W a annual inspection and found to be in a condition for safe flight.

CW AD 11-10-09 by inspection—Due next Annual

Scotty Hall Scott Hall IA 2722407

YEAR 20___ DATE	RECORDING TACH TIME

R&R GMX200

The airframe,

airs and Alterations
Number of
fic entries.)

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

Pee Dee Avionics
Lynch-Bellinger Field (KCQW)
197 Janice Cir
Cheraw, SC 29520

Date: 9/23/21 **N#** 52944 **Tach:** 8140.90 **Hobbs:** n/a **WO#** 2123
Make: Cessna **Model:** 177RG **SN:** 177RG1315
R&R GMX200 after repair by Garmin, Reference FAA form 8130-3 #RMA137551676. Inspected GMX200 installation of tray/wiring, no anomolies found.
The airframe, powerplant, radio identified above was repaired and inspected I/A/W current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

A&P 3253097

Pee Dee Avionics
Lynch-Bellinger Field (KCQW)
197 Janice Cir
Cheraw, SC 29520

Date: 9/24/2021 **N#** 52944 **Tach:** 145.88 **Hobbs:** n/a **WO#** 2181
Make: Cessna **Model:** 177RG **SN:** 177RG1315
Performed the Altimeter, Transponder, and altitude reporting tests required by 14 CFR 91.411 and 91.413 I/A/W 14 CFR 43, appendices E & F.
Altimeter Make:Garmin, Model:G5, sn:4JQ016199 tested to 20,000 ft. on 9/24/21.
Altimeter Make:Garmin, Model:G5, sn:4JQ016150 tested to 20,000 ft. on 9/24/21.
Altimeter Make:United Instruments, Model:5934P-1, sn:H3485 tested to 20,000 ft on 9/24/21.
Transponder Make:Garmin, Model:GTX330, sn:84123310
Transponder and altitude reporting tested to 20,000 ft on 9/24/21.
Performed the aircraft static pressure system test and inspection required by 14 CFR 91.411.
The airframe, radio, and/or instrument identified above was repaired and inspected I/A/W current maintenance regulations of the Federal Aviation Regulations and is approved for return to service.
Pertinent details of the repair are on file at this repair station.

CRS 12PR349C

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

Cessna 177RG **SN: 177RG1315** **N52944** **November 26, 2021**
Tach: 8183.84

Remove Garmin GMX 200 unit and rack for access. Remove Standby Attitude Indicator. Installed customer furnished Mid Continent back up battery pn:9015607 sn: F21-10112. Reinstall Attitude Indicator. **Install** customer furnished Guardian CO Detector pn: 553-101-001RX, sn: 50588 after Rebuilt to Original specifications see 8130 #1568 for details. **Remove and Reinstall:** JPI EDM 711 after repair see 8130 #R241121-2 for details. Reinstall Garmin GMX200. Ground Ops Check Systems Good.

NAME Billy D. Webb

SIGNATURE

CERTIFICATE# A256962739

YEAR 20__ DATE | RECORDING

Airframe Logbook Entry

Aircraft: Cessna 177RG
Engine: Cont. IO-360-A1B

Tach: 8176.1

Per owner request remov

I certify this aircraft is de
accordance with current

Charles Wilson C. W
A&P Mechanic 3114515

Airframe Logbook Entry

Aircraft Make and Mode
Engine Make and Model

Tach: 8214.64 Hobbs:

The following work was

Cleaned glue left over o

I certify that this aircraf
maintenance manual ar

Charles Wilson C. W
A&P Mechanic 3114515

airs and Alterations
nd Certificate Number of
or other specific entries.)

26, 2021

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Good.

YEAR 20__ DATE | RECORDING | TODAY'S | TOTAL

Description of Inspections. Tests. Repairs and Alterations

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Airframe Logbook Entry N52944 WO: 2565

Aircraft: Cessna 177RG
Engine: Cont. IO-360-A1B6D

Aircraft S/N 177RG1315
Engine S/N: N/A

Spectrum Aero, LLC
4004 5th St.
Kissimmee, FL 34741
www.SpectrumAero.com

Tach: 8176.1 Hobbs:

Per owner request removed C02 gauge from aircraft for overhaul.

I certify this aircraft is determined to be in an airworthy condition and is approved for return to service. All work was performed in accordance with current Federal Aviation Regulations, and Cessna 177RG maintenance manual.

Charles Wilson C. wilson
A&P Mechanic 3114515 I.A.

Date released: 11/8/2021

Airframe Logbook Entry N52944 WO:2637

Aircraft Make and Model: Cessna 177RG
Engine Make and Model: Cont. IO-360-A1B6D

Aircraft S/N: 177RG1315
Engine S/N: N/A

Spectrum Aero, LLC
4009 5th St. Ste. 102
Kissimmee, FL 34741
407-888-9011
www.SpectrumAero.com

Tach: 8214.64 Hobbs:

The following work was performed:

Cleaned glue left over on inside left window trim. Replaced skybolt mount with correct part. P/N: SK2003-51ADJ

I certify that this aircraft was inspected in accordance with current Federal Aviation Regulations and Cessna 177RG manufacturer's maintenance manual and is approved for return to service.

Charles Wilson C. wilson
A&P Mechanic 3114515

Date released: 1/7/2022

YEAR
20___
DATE

Airframe Logbook Entry

N52944

WO:2677

Aircraft Make and Model: Cessna 177RG
Engine Make and Model: Cont. IO-360-A1B6D

Aircraft S/N: 177RG1315
Engine S/N: N/A

Spectrum Aero, LLC
4009 5th St. Ste. 102
Kissimmee, FL 34741
407-888-9011
www.SpectrumAero.com

Tach: 8248.37

Complied with A.D. 11-10-09 Seat Track and Roller Inspection by visual and dimensional inspection of seat tracks, rails, rollers and locking pins with no defects noted.

I certify that the maintenance above was performed in accordance with current Federal Aviation Regulations and Cessna 177RG manufacturer's maintenance manual and is approved for return to service.

Charles Wilson C. L Wilson
A&P Mechanic 3114515 I.A.

Date released: 3/2/20

Cessna 177RG S/N 177RG1315 N52944

16 April 2022

Tach: 8265.09

Complied with AD 2011-10-09 Cessna Seat Track and Seat Feet Inspection. Performed visual and dimensional check IAW AD, check good. Next due at 8365.09 Hrs Tach.

Phillip C Bracken I
A&P 3217845 IA

YEAR 20__ DATE	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations

Date: 8-22-22
N#: N52944
Tach: 8323.3

Removed all panels checked and lubed all pulleys, cables, and rod ends. Jacked aircraft cleaned and packed all wheel bearings and performed a retract test. Serviced battery, hydraulic fluid, and air filter. Inspected elt I/A/W 91.207D (exp Feb 2027). Removed exhaust and inspected IAW polyflow manual and reinstalled with anti seize. Checked and complied with all AD's to date. I certify that this **Aircraft**/Engine/Prop has been inspected I/A/W a annual inspection and found to be in a condition for safe flight.

CW AD 11-10-09 seat track inspection by inspection: due next annual or 100 hrs

CW AD 15-19-07 Fuel injector lines by inspection: no defects found

Scotty Hall _____ IA 2722407

YEAR
20 ____
DATE

RE
TA
TI

Pee Dee Avionics

Lynch-Bellinger Field (KCQW)
197 Janice Cir
Cheraw, SC 29520

Date: 9/2/2022 **N#** 52944 **Tach:** 8323.41 **Hobbs:** n/a **WO#** 2376

Make: Cessna **Model:** 177RG **SN:** 177RG1315

R&R STEC 30 T/C, pn:01260-1-0-28 sn:0629-5559D, after repair by STEC reference FAA form 8130-3 #52456. Adjusted roll centering. Ground test of AP satisfactory.

The airframe, radio, and/or instrument identified above was repaired and inspected I/A/W current maintenance regulations of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station.

CRS 12PR349C

nd Alterations
icate Number of
specific entries.)

YEAR
20 ____
DATE

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Cessna 177RG S/N 177RG1315 N52944

8 December 2022

Tach: 8365.41

Owner reports left MLG tire constantly loosing pressure. Found nail in tire. Jacked aircraft and removed wheel & tire assy. Disassembled wheel. Installed new tire P/N 072-449-0 S/N 2233T00109 and new tube P/N 302-246-401. Torqued wheel bolt and inflated tire to 40 PSI. Cleaned, inspected, repacked and reinstalled wheel bearings. Reinstalled wheel & tire assy. Removed aircraft from jack.

Phillip C Bracken I
A&P 3217845 IA

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

25 March 2023

Cessna 177RG S/N 177RG1315 N52944

Tach: 8391.89

Complied with AD 2011-10-09 Cessna Seat Track and Seat Feet Inspection. Performed visual and dimensional check IAW AD, check good. Next due at 8491.89 Hrs Tach.

Phillip C Bracken I

Phillip C Bracken I
A&P 3217845 IA

22 July 2023

Cessna 177RG S/N 177RG1315 N52944
Tach: 8414.86

Removed broken vertical fin cap. Fit and drilled new Knots2U P/N K1731009-4 cap. Reinstalled VOR antenna and beacon. Beacon op check good.

Phillip C Bracken I

Phillip C Bracken I
A&P 3217845 IA

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)
				6 October 2023 Cessna 177RG S/N 177RG1315 N52944 Tach: 8428.56 TTAF: 8428.56 ELT inspected and checked IAW FAR 91.207 para. (d). Batteries due by Feb 2027. Complied with AD 2023-02-17 Carry-thru Spar Inspection and Cessna SEL-57-09R1. Removed headliner for access to spar. Performed visual inspection IAW AD and Cessna SEL-57-09R1 visual inspection. Removed 2 small corrosion patches on lower surface of spar. Left side was 8" in from sidewall. Removed corrosion by sanding with 400 & 600 grit emory cloth. Total removed was approx. 0.007". Right side was approx. 8" from side wall. Removed corrosion by sanding with 400 600 grit emory cloth. Total removed was approx. 0.005'. Eddy current inspection complied with by Aircraft Inspection Service, Inc. Areas cleaned by sanding were additionally checked by NDT and checked good. Complied with AD 2011-10-09, Cessna Seat Tracks. Visual/dimensional check. Check good. Next due at 8528.56 Hrs Tach. Complied with Cessna SEL 28-10. McFarlane fuel bowl P/N MC0756008-1 installed. Checked for corrosion, check good. Serviced hydraulic power pack reservoir with Aeroshell 4. Jacked aircraft and performed retraction check. Check good. Performed emergency extension. Check good. Cycled gear 2 additional cycles for verify normal operation. Drained and checked gascolator. Check good. Reassembled with new o-rings P/N MS29513-111 & MS29513-138. Leak check good. Replaced lower right cowl camloc receptacle by installed new receptacle P/N J7444-24. Removed wheels. Found 1 Cleveland and 1 McCauley wheel. Complied with Cessna SEB 00-05R1 installing serviceable Cleveland 40-113 wheels, 30-75 brakes and 05-06700 torque plates. Disassembled, cleaned and reassembled brake calipers with new o-rings P/N MS28775-224. Replaced 2 wheel bearings, installing new P/N 13889-20629 bearing and 2 races P/N 13836-20629. Replaced 1 bearing in nose wheel installing new P/N LM67749 and 1 race P/N LM67010. Cleaned, inspected, relubed and reinstalled all bearings. Bled brakes from bottom up. Replaced fuel cap o-rings with customer-supplied o-rings. Right wing missing 1 vortex generator on upper surface approx 36" from wing root. Installed vortex generator using Loctite AA330 adhesive IAW STC instructions. (Cont...)

(Cont...)

Shimmy dampener leaking. Removed, disassembled, cleaned and rebuilt with the following new o-rings: MS28775-008, MS28775-023, MS28775-112, MS28775-213 and Stat-O-Seal P/N 600-0115-10OS. Serviced shimmy dampener IAW Cessna MM and reinstalled. I certify this aircraft was inspected IAW FAR 43 Appendix D and Cessna checklist for an annual inspection and was found to be in an airworthy condition.

Phillip C Bracken I

Phillip C Bracken I
A&P 3217845 IA

YEAR 20 ____ DATE	RECORDING TACH TIME

ests, Repairs and Alterations

, Rating and Certificate Number of
ck pages for other specific entries.)

6 October 2023

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n by sanding with 400 &
rm side wall. Removed
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cks. Visual/dimensional
. McFarlane fuel bowl P/
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emergency extension.
checked gascolator.
k check good. Replaced
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w P/N 13889-20629
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generator on upper
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wing new o-rings:
-0115-10OS. Serviced
IAW FAR 43 Appendix
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YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT

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Date 9/

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By FAR 91.4
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IFR CERTIFIED AVIONICS LLC

FAA CRS # 1F4R612D
5508 AIRPORT BLVD (863) 944-4356
BARTOW, FL. 33830 www.macav13@aol.com

N52944

ALTIMETER TEST INFORMATION

TESTED IN COMPLIANCE WITH APPENDIX E, PART 43, FAA REGULATIONS
ALTIMETER TESTED TO A MAXIMUM OF 20000 FEET G5 TOP

ALTITUDE	SCALE ERROR	SCALE TOLERANCE	FRICTION ERROR	FRICTION TOLERANCE
-1000	0	20		
0	0	20		
500	0	20		
1000	-10	20	10	70
1500	0	25		
2000	0	30	10	70
3000	10	30	10	70
4000	10	35		
5000			10	70
6000	10	40		
8000	20	60		
10000	30	80	10	80
12000	20	90		
14000	20	100	10	90
15000				
16000	30	110		
18000	20	120	10	100
20000	20	130		
22000		140		120
25000		155		140
30000		180		160
35000		205		180
		230		

CASE LEAK AT 18,000 FT 0 TOLERANCE 100 FT

AFTER EFFECT TEST
READING PRIOR TO TEST 60 FT 60
READING AFTER TEST 60 FT 60
AFTER EFFECT 0 TOLERANCE 30 FT DIFF.

HYSTERESIS TEST

ALTITUDE 40,000 MAX	UP READING	DOWN READING	TOLERANCE
8000	20	20	75 FT
10000	30	30	75 FT

BAROMETRIC SCALE TEST

BARO. SETTING	ALTITUDE SCALE USED	ALTITUDE DIFF.	TOLERANCE
28.10	-1200	-1127	25
28.50	-1340	-1340	25
29.00	-860	-863	25
29.50	-390	-392	25
29.92	—	0	25
30.50	530	531	25
30.90	890	893	25
30.99	970	974	25

DATE TESTED 9/13/2023
WORK ORDER NUM 1306
ALTIMETER MODEL G5
ALTIMETER SERIAL NUM 4JB06199
AVIONICS TECH

YEAR 20__ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs, Alterations, Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

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

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

Signature _____ Date 9/13/2023

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

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

MFR GARMIN Model GTX330 S/N 84123310

Date 9/13/2023 Tech _____

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

I certify the altimeter, static system and altitude reporting test required By FAR 91.411 and FAR 91.43 Appendix E and F have been performed.
The altimeter has been tested to 20,000 ft. 65 BOTTOM

Signature _____ Date 9/13/2023

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

I certify the altimeter, static system and altitude reporting test required By FAR 91.411 and FAR 91.43 Appendix E and F have been performed.
The altimeter has been tested to 20,000 ft. #3

Signature _____ Date 9/13/2023

AIRCRAFT INSPECTION SERVICES, INC.
4128 40th Street S.E. • Grand Rapids, MI 49512
Phone: 616-974-1100 • Fax: 616-974-1111
F.A.A. Repair Station N3DR341N

Aircraft Maintenance Entry

Model: CE- 177RG **Serial No.:** 177RG1315 **Registration:** N52944
Tach Time: 8,428.56 **Hobbs:** N/A **Work Order:** B26809

AD 2023-02-17 Paragraph 2.(h) (EDDY CURRENT INSPECTION)

Performed **Eddy Current** inspections of the carry-thru spar as required per AD 2023-02-17 Paragraph 2.(h) and in accordance with Step 7 of Cessna Single Engine Mandatory Service Letter SEL-57-09 R1, Dated August 3, 2020.

Performed **Eddy Current** inspection of the kick area per AD 2023-02-17 Paragraph 2.(h)(i) and as specified in SEL-57-09 R1, Step 7.E.:

RESULTS
Cracks: None Found
Corrosion: None Found

Performed **Eddy Current** inspection of the blended areas found with visual inspection per AD 2023-02-17 Paragraph 2.(g) and as required per Paragraph 2.(h)(ii):

All areas where corrosion was noted visually and repaired & blended by customer as allowable per **SEL-57-09 R1, Steps 6.B.(1) thru (8).**

RESULTS
Cracks: None Found
Corrosion: None Found
Other Damage: None Found

The above **Eddy Current** inspections were performed in accordance with current Federal Aviation regulations, **AD 2023-02-17 Paragraph 2.(h) Cessna SEL-57-09R1 Step 7. (Dated August 3, 2020),** and **AMM Chapter 2A-13-01 Nondestructive Inspection Methods and Requirements, *unless defects are noted above*** only that work as described herein shall be considered for an approval for a return to service. Pertinent details of the inspection are on file at this Repair Station under **Work Order: B26809**

Certified Inspector: _____ **Date: 11 SEP 2023**
CRS Number: N3DR341N

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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.)

Cessna 177RG S/N:177RG1315 N52944 November 9, 2023
Tach: 8429.6

Remove Engine Cowling both top and bottom for access. Remove and Replace Battery with new RG24-16 sn: 41341392; FAA-PMA Alternator with new Exchange Hartzell Plane Power Alternator sn: H-W062646 and Voltage Regulator with Zeftronics Voltage Regulator R25101 sn:C11020. Ran engine check output good. Serviced nose strut with nitrogen and tightened spinner. Reinstall Cowlings.

NAME Billy D. Webb

SIGNATURE

CERTIFICATE# A256962736

Cessna 177RG S/N:177RG1315 N52944 December 5, 2023
Tach: 8429.6

Remove and Reinstall: JPI Engine Monitor after rebuilt to original PAH's Specifications in accordance with 14CFR 43.3 (J) and new plasma display screen. See 8130 # R112923-1 for details. Ops check good

NAME Billy D.Webb

SIGNATURE

CERTIFICATE# A256962739

Cessna 177RG S/N:177RG1315 N52944 December 19, 2023
Tach: 8429.8

Remove and Reinstall: JPI Engine Monitor after repair. See 8130 R121523-2 for details. Ops check good

NAME Billy D.Webb

SIGNATURE

CERTIFICATE# A256962739

ORLANDO AIRCRAFT SERVIC
LOG ID# 12905 16-July-202
N52944 S/N 177RG1315

AIRFRAME LOG
JACKED RH GEAR LEG TO
DISCARDED NUTS. FLIPPE
NEW MS21042L6 NUTS ON
REINSTALLED SAME CAL
PEDAL. ALL WORK DO
OPERATIONAL AND LE

AP 4230063 IA

ORLANDO AI
LOG ID# 129
N52944

AIRFRAME
COMPLIE
DISCREP

AP

YEAR 20___ DATE	RECORDING TACH TIME

Cessna 177RG S/N:177RG1315 N52944 December 5, 2023
Tach: 8429.6

Remove and Reinstall: JPI Engine Monitor after rebuilt to original PAH's Specifications in accordance with 14CFR 43.3 (J) and new plasma display screen. See 8130 # R112923-1 for details. Ops check good

NAME Billy D.Webb

SIGNATURE

CERTIFICATE# A256962739

Cessna 177RG S/N:177RG1315 N52944 December 19, 2023
Tach: 8429.8

Remove and Reinstall: JPI Engine Monitor after repair. See 8130 R121523-2 for details. Ops check good

NAME Billy D. Webb

SIGNATURE

CERTIFICATE# A256962739

ORLANDO AIRCRAFT
LOG ID# 12905 16-
N52944 S/N 177R

AIRFRAME LOG
JACKED RH GEAR
DISCARDED NUTS
NEW MS21042L6
REINSTALLED SA
PEDAL. ALL W
OPERATIONAL

AP 423006

ORLAND
LOG ID
N5294

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL
LOG ID# 12905 16-July-2024 WO# 122723-0
N52944 S/N 177RG1315 CESSNA 177RG TACH 8526.2 Pg 1 / 1

AIRFRAME LOG
JACKED RH GEAR LEG TO FLIP AXLE SHIM. REMOVED WHEEL, REMOVED CALIPER, LOOSENED ALL 4 AXLE BOLTS AND DISCARDED NUTS, FLIPPED AXLE SHIM TO FACILITATE PROPER ALIGNMENT. INSTALLED 2 NEW MS21042L6 NUTS ON AXLE BOLTS AND TORQUED. REINSTALLED SAME WHEEL WITH NEW COTTER PIN AND REINSTALLED SAME CALIPER, TORQUED AND SAFTIED BOLTS. BACK BLED RH SIDE CALIPER TO ACHIEVE HARD PEDAL. ALL WORK DONE IN ACCORDANCE WITH CESSNA 177RG SERIES SERVICE MANUAL P/N:D2009 CHANGE NO.4. OPERATIONAL AND LEAK CHECK GOOD.

Matthew Noah McCabe 7/16/24
AP 4230063 IA MATTHEW NOAH McCABE Date

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL
LOG ID# 12928 07-August-2024 WO# 122761-0
N52944 S/N 177RG1315 CESSNA 177RG TACH 8543.9 Pg 1 / 1

AIRFRAME LOG
COMPLIED WITH AD 2011-10-09 BY INSPECTION OF SEAT AND SEAT TRACK INSPECTION PER PARAGRAPH (g). NO DISCREPENCIES NOTED AT THIS TIME. NEXT DUE TACH TIME 8643.9 OR 12 MONTHS, WHICHEVER OCCURS FIRST.

Matthew Noah McCabe 8/7/24
AP 4230063 IA MATTHEW NOAH McCABE Date

YEAR 20___ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL 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 (Continue on reverse or attach separate sheets for additional entries.)

Cessna 177RG S/N:177RG1315 N52944 October 30, 2024
Tach: 8586.43 AFTT:8586.43

Opened Panels; Lubricated Aircraft; Serviced tires, brakes, & hydraulics; Jacked aircraft; perform retraction & emergency extension checks. ELT inspection & functional checks per FAR 91.207(d) **ELT battery replacement due February 2027**. **Remove and Reinstall:** Both Wing Tips after repair, fuel vents clogged, *right tip bulk head repaired; Exhaust system after dissemble, inspection, lubrication and reinstall in accordance with ICA ; Nose gear trunnion scissor link by replacing bushings with new NAS75-5-010/NAS77-5-034 Bushings ; right brake caliper hose assembly with new AE3664056B0060 and bled brakes; CO2 Guardian after software update by manufacturer; air Intake filter after servicing filter in accordance with ICA.* **Remove and Replace:** Plugs with new Tempest plugs *URHM38S; Right main tire* with new Michelin Condor Tire 15X6.0-6 6Ply 072-*449-0 and tube; Right cowl flap cable attach mount with new J14290-4 Mount; Exhaust gaskets with new SL7761 gaskets.* **Repair:** Both cowl flaps attach angles *and support; Oil leak at oil screen,* tightened and re-safety wired. Complied with *AD 2011-10-09 by inspection of seat and seat rack.* Inspection per paragraph (g). *No discrepancies noted at this time.* Next due Tach 8686.43 or 12 months, which *ever occurs first; AD's researched to date. I certify this* ***Aircraft*** has been inspected in *accordance with an* ***Annual*** inspection, was determined to be in airworthy condition at this *time, and is* ***Approved for Return to Service***.

NAME Justin M. Webb

SIGNATURE Justin M Webb

CERTIFICATE# IA2843431

ORLANDO AIRCR
LOG ID# 13162
N52944 S/N

REMOVED MFD
INSTALLED OH
GROUND CHECK

TP4R552M

YEAI
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DATE

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ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL
LOG ID# 13162 09-April-2025 WO# 123189-1
N52944 S/N 177RG1315 CESSNA 177RG TACH 8613.8 Pg 1 / 1

REMOVED MFD GARMIN GMX-200 P/N 011-01465-00 S/N 38401232.
INSTALLED OHEX GARMIN GMX-200 P/N 011-01465-00 S/N3840.
GROUND CHECKED IAW CURRENT GMX-200 ICA - AFN

4/9/25

TP4R552M ALLEN OVERLANDER Date

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL
LOG ID# 13340 12-September-2025 WO# 123485-0
N52944 S/N 177RG1315 CESSNA 177RG TACH 8629.6 Pg 1 / 1

AIRFRAME LOG
PROPELLER REMOVED FOR OVERHAUL, P/N:B2D34C207B S/N:08568

9/12/25

AP 4230063 IA MATTHEW NOAH McCABE Date

YEAR
20__
DATE

MODEL 177RG
S/N 177RG1315
REG. NO. N52944

ORLANDO AVIONICS CORP., DBA
ORLANDO Aircraft SERVICES
EXECUTIVE AIRPORT • PO BOX 140741
ORLANDO, FL 32814
TELEPHONE: (407) 894-9963

DATE 9/15/25
T.T. 8629.6
HOUR/M —

The altimeter system test and inspections required by FAR 91.411 were performed this date and found to comply with FAR 43, Appendix E.
1) The static pressure system was tested on 9/15/25
2) The altimeter (s) instrument was / were tested to

The ATC Transponder Test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make GARMIN Model GTX-330ES S/N 8412331 0

ORLANDO AVIONICS CORP., DBA
ORLANDO Aircraft SERVICES
FAA APPROVED REPAIR STATION TP4R552M
EXECUTIVE AIRPORT • P.O. BOX 140741
ORLANDO, FL 32814
TELEPHONE: (407) 894-9963 • FAX: (407) 894-7062

Std. Alt.	Error	± Tol
-1000	0	20
0	0	20
500	0	20
1000	0	25
1500	0	30
2000	0	30
3000	0	35
4000	0	40
6000	0	60
8000	0	80
10000	0	90
12000	0	100
14000	0	110
16000	0	120
18000	0	130
20000	0	140
22000		155
25000		180
30000		205
35000		230
40000		255
45000		280
50000		

	Before Test	After Test	Error ± 30	Up Reading	DN Reading	Error	Tol
	0	0	0	8000	8000	0	±75
				10000	10000	0	±75

This altimeter p/n GARMIN GS(01-03809-00) s/n 4TQ016199
was functionally tested in accordance with FAR 43, App. E
by: [signature] Date: 9/15/25

9/15/25
52M

YEAR
20__
DATE

ORLANDO
LOG ID#
N52944

AIRFRAM
INSTALL
A1633-
AP 51

YEAR
20__
DATE

MODEL 177RG
S/N 177RG1315
REG. NO. N52944

ORLANDO AVIONICS CORP., DBA
ORLANDO Aircraft SERVICES
EXECUTIVE AIRPORT • PO BOX 140741
ORLANDO, FL 32814
TELEPHONE: (407) 894-9963

DATE 9/15/25
T.T. 8629.6
HOUR/M —

The altimeter system test and inspections required by FAR 91.411 were performed this date and found to comply with FAR 43, Appendix E.

1) The static pressure system was tested on 9/15/25

2) The altimeter (s) instrument was / were tested to 20,000 ft. on 9/15/25 (pilot/co-pilot)

3) The automatic pressure altitude reporting system was tested to 20,000 ft. on 9/15/25

ORLANDO AIRCRAFT SERVICES
FAA Approved Repair Station # TP4R552M
601 Humphries Avenue
Orlando, FL 32803 (407) 894 - 9963

The ATC Transponder Test and inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make GARMIN Model GTX-330ES S/N 8423310

Make N/A Model _____ S/N _____

Details of this inspection are on file at this repair station under W/O 123512 Date 9/15/25

ORLANDO AIRCRAFT SERVICES
FAA Approved Repair Station # TP4R552M
601 Humphries Avenue
Orlando, FL 32803 (407) 894 - 9963

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO, FL 32803 TP4R552M
LOG ID# 13387 24-October-2025 WO# 123485-0
N52944 S/N 177RG1315 CESSNA 177RG TACH 8629.6 Pg 1 / 1

AIRFRAME LOG
INSTALLED OVERHAULED MCCAULEY PROPELLER PN: B2D3 C207-B SN: 080568. INSTALLED NEW ORING PN: A1633-11. TORQUED AND SAFETIED. OPERATIONAL AND LEAK CHECK DONE. CHECK GOOD.

Braxton Mills 10/24/25
AP 5124728 BRAXTON MILLS Date

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO, FL 32803 TP4R552M
LOG ID# 13510 12-February-2026 WO# 123725-0
N52944 S/N 177RG1315 CESSNA 177RG TACH 8630.0 Pg 1 / 1

COMPLIED WITH AD 2011-10-09 BY VISUAL INSPECTION AND MEASURING THE PILOT AND COPILOT SEATS AND SEAT TRACKS. NO DEFECTS FOUND. NEXT INSPECTION IS DUE AT 8730.0 TACH TIME OR 02/12/2026 WHICHEVER OCCURS FIRST.
COMPLIED WITH AD 2000-06-01 BY INSPECTION OF THE FUEL STRAINER STAND PIPE PER CESSNA SERVICE BULLETIN SEB97-9. NO FURTHER ACTION IS NEEDED. COMPLIED WITH AD 97-01-15 BY INSPECTION OF THE HYDRAULIC HOSES PER CESSNA SERVICE BULLETION SEB96-15. PROPER HOSES ARE INSTALLED.
THIS AIRCRAFT WAS INSPECTED AND FOUND TO BE SAFE FOR THE INTENDED FLIGHT.

Michael D Cooper 02/12/2026
AP 3794867 MICHAEL D COOPER Date

3/3/2026 AIRFRAME LOG ENTRY N52944 TACH: 8630

Completed an annual inspection of this airframe in reference to FAR 43 appendix (d) and the scope and detail; of the Cessna 177 Maintenance Manual Checklist. Performed an ELT test, batteries due 2027. Reviewed and complied with the following AD's: 2011-10-09, seat track inspection, no defects found, next due tach: 8730. 200-06-01, fuel strainer standpipe, no defects noted, no further action needed. 97-01-15, hydraulic hose inspection, no defects noted. Inspected controls surfaces and cables, no defects noted. Lubricated all pulleys and pivot points. Inspected tires, wheels and brakes. No defects found. Repaired worn nose gear door pivot points. Checked all exterior lights and stall warning system. Ok. "The airframe noted above has been inspected / repaired IAW the above references and has been found to be in an airworthy condition and has been approved for return to service".

MICHAEL HUGHES AP/IA 3361639

ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO, FL 32803 TP4R552M
LOG ID# 13770 06-October-2026 WO# 124233-0
N52944 S/N 177RG1315 CESSNA 177RG TACH 8662.7 Pg 1 / 1

AIRFRAME LOG
BLED RH BRAKE SYSTEM OF AIR AND FILLED MASTER CYLINDER AS REQUIRED. REPLACE LH MAIN TIRE MICHELIN P/N:072-449-0 S/N:3230T00200 AND TUBE P/N:302-246-401 WITH NEW. SERVICED TIRE TO PROPER PRESSURE. OPERATIONAL AND LEAK CHECK GOOD.

10/6/26

AP 4230063 IA MATTHEW NOAH McCABE Date