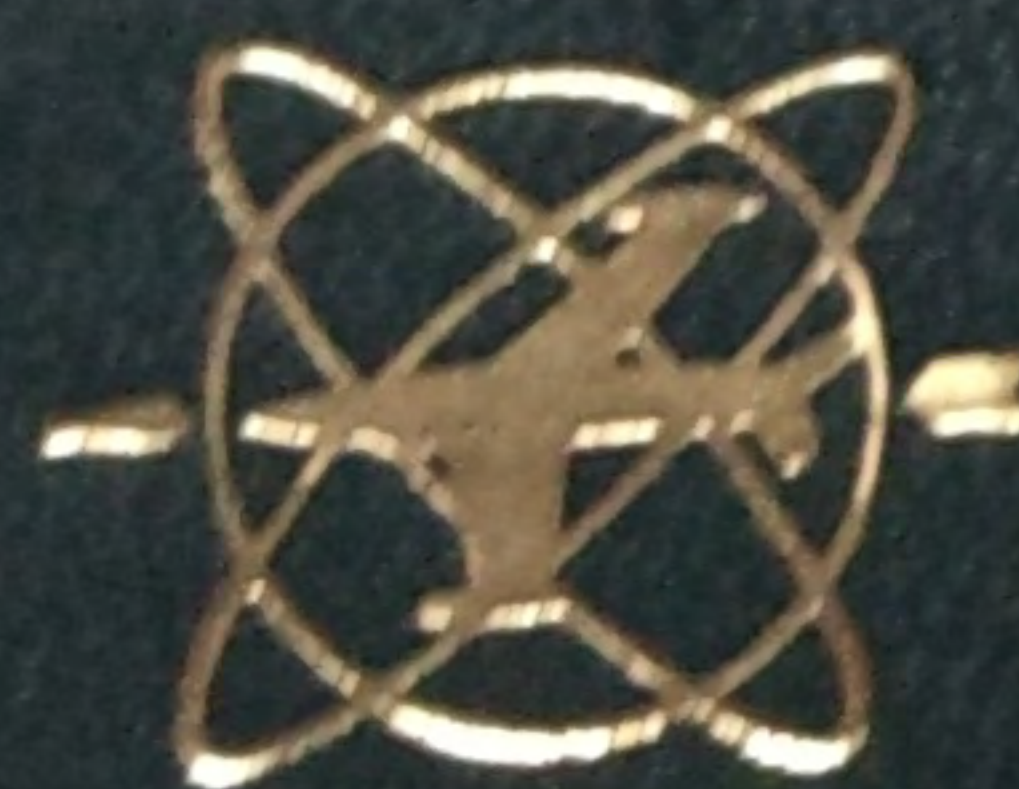


AF-3



*The Standard*

# **AIRCRAFT LOG**

**ASA-SA-2**

DATE  
19  
TACH  
TIME  
FLIGHT  
TIME IN  
SERVICE

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

CERTIFIED ALTIMETER(S) AND STATIC SYSTEMS  
REQUIRED BY F.A.R. 91.411 I.A.W. F.A.R. PART 43,  
APPENDIX E TO 20,000 FEET. PERFORMED  
A.T.C. TRANSPONDER TESTS REQUIRED BY  
F.A.R. 91.413 ACCOMPLISHED I.A.W. F.A.R. PART  
43, APPENDIX F.

LT. ALT. SN 99853 #1 XPDR SN 23119

RT. ALT. SN N/A #2 XPDR SN N/A

A.D.C./S.D.C./BLD. ENC. SN EXISTING

INSPECTOR [Signature] DATE 6/25/97

WESTERN AVIONICS, INC. F.A.A. YH3R997L

DATE	RECORDING TACH TIME	TODAYS 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.)
19				

DATE 04/12/98 AC SN#177RG0429 AIRFRAME TT 3425.6 ELT DUE 1/31/99  
 AC MODEL C-177 RG N# 2029Q TACH TIME 3425.60 HOBBS

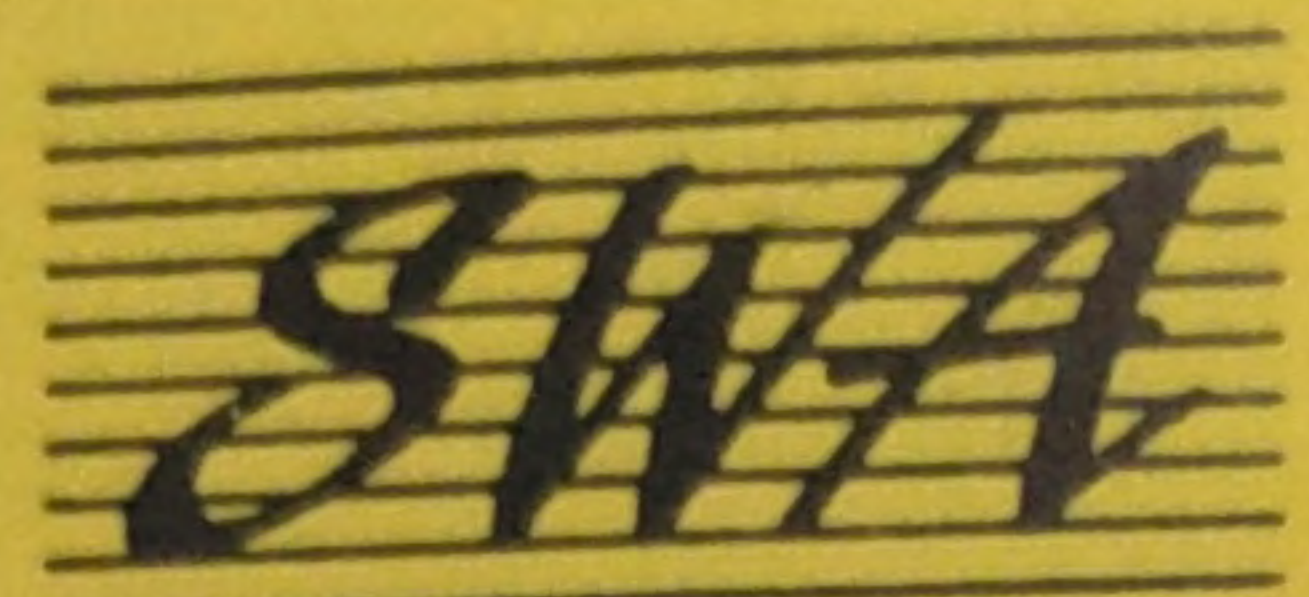
THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR [REDACTED] / ANNUAL INSPECTION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
R&R RH INNER WHEEL BEARING & RACE P/N 13836, 13889	76-07-12	OPS. CHECK MAG SWITCH	3525.6
TIGHTENED LEFT AILERON ROD END BOLTS	87-20-03	INSP. SEAT RAILS & ROLLERS	3525.6
BLLED LH BRAKE	93-05-06	INSP. IGNITION SWITCH	5018.1
INSTALL BUSHING ON ELEVATOR			
R&R COWL MOUNT			
PROP GOVERNOR REMOVED FOR OVERHAUL (SEE YELLOW TAG) AND THEN REINSTALLED			

SIGNED Michael Hoffman CERT # 546827270 IA

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714) 852-8420

29 Q



SOUTHWEST AERO INC.

SOUTHWEST AERO, INC.

659 Strander Blvd.

Tukwila, WA 98188-2922

FAA Repair Station No. I06R620N

(206) 575-8732

ITEM WOODWARD PROPELLER GOVERNOR

PART NO. D 210680

SERIAL NO. 1492039

DISPOSITION COMPLETELY OVERHAULD AND

FUNCTION TESTED GOVERNOR.

SIGNED

DATE

3-31-99

SERVICEABLE

erations

umber of

c entries.)

**Alterations**

(Number of specific entries.)

DATE	RECORDING TACH TIME	TODAYS 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.)
19 _____				

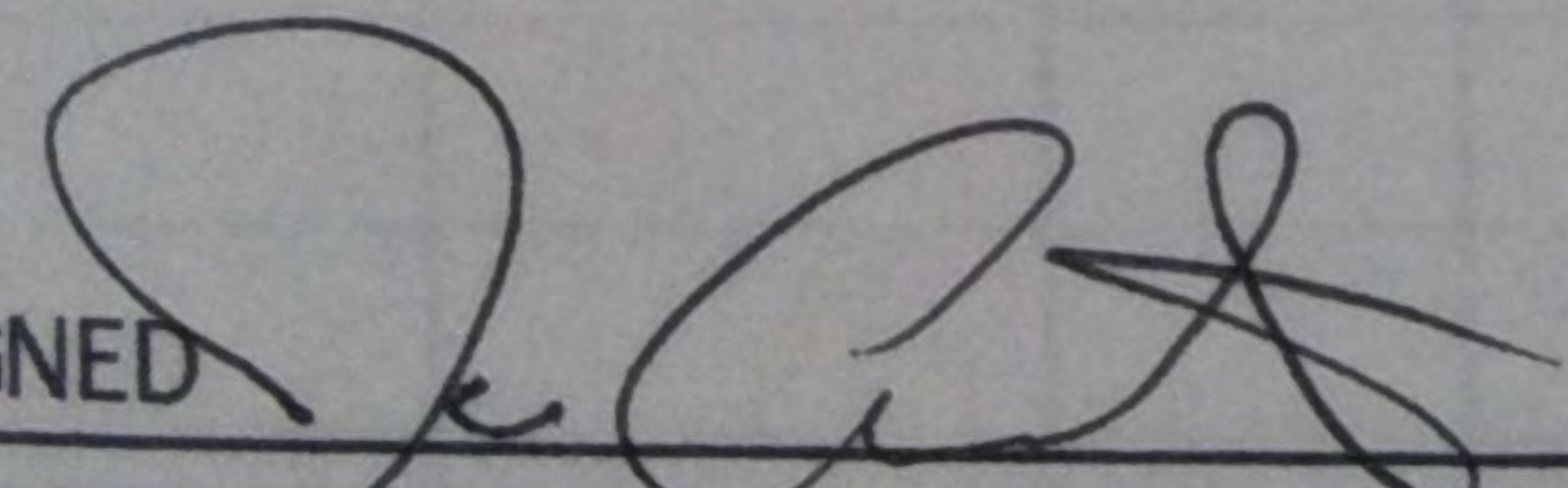
DATE 04/17/98 AC SN#177RG0429 AIRFRAME TT 3429.9 ELT DUE

AC MODEL C-177 RG N# 2029Q TACH TIME 3429.90 HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS  
[REDACTED] AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTON OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
SERVICED SHIMMY DAMPENER P/N MS24665-132 , MS24665-7			

SIGNED



CERT #

A+P562298826

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (714) 852-8420

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

DATE 05/10/99 AC SN#177RG0429 AIRFRAME TT 3517.6 ELT DUE  
AC MODEL C-177 RG N# 2029Q TACH TIME 3517.60 HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR [REDACTED] ANNUAL INSPECTION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
R&R RH & LH BRAKE DISCS P/N 164-04000 & BRAKE LININGS P/N 066-10500. R&R LH WING TIP STROBE LIGHT P/N A427 & REPAIRED	76-07-12	OPS. CHECK MAG SWITCH	3617.6
GROUND WIRES. R&R LH BEACON LAMP P/N 12V125W. R&R LH & RH MAIN TIRES P/N 301-249-420 & NOSE TIRE P/N 301-016-420.	87-20-03	INSP. SEAT RAILS & ROLLERS	3617.6
OVERHAULED NOSE STRUT P/N SK172-1F & SERVICED WITH HYDRAULIC FLUID. R&R RH & LH FUEL DRAIN P/N F391-82. R&R CENTRAL AIR FILTER P/N D9-14-5. R&R AIR FILTER P/N BA8. REMOVED GEAR WARNING HORN FOR REPAIR & REINSTALLED. ELT INOP. ELT REMOVED. NEW ELT UNIT NEEDED. OWNER ADVISED.	98-23-01	FLEXIBLE COUPLING	N/A BY S/N

SIGNED Michael Hoffman CERT # 5468272701A

SOUTHERN AVIATION MAINTENANCE 19711-B CAMPUS DRIVE SANTA ANA 92707 (949) 852-8420

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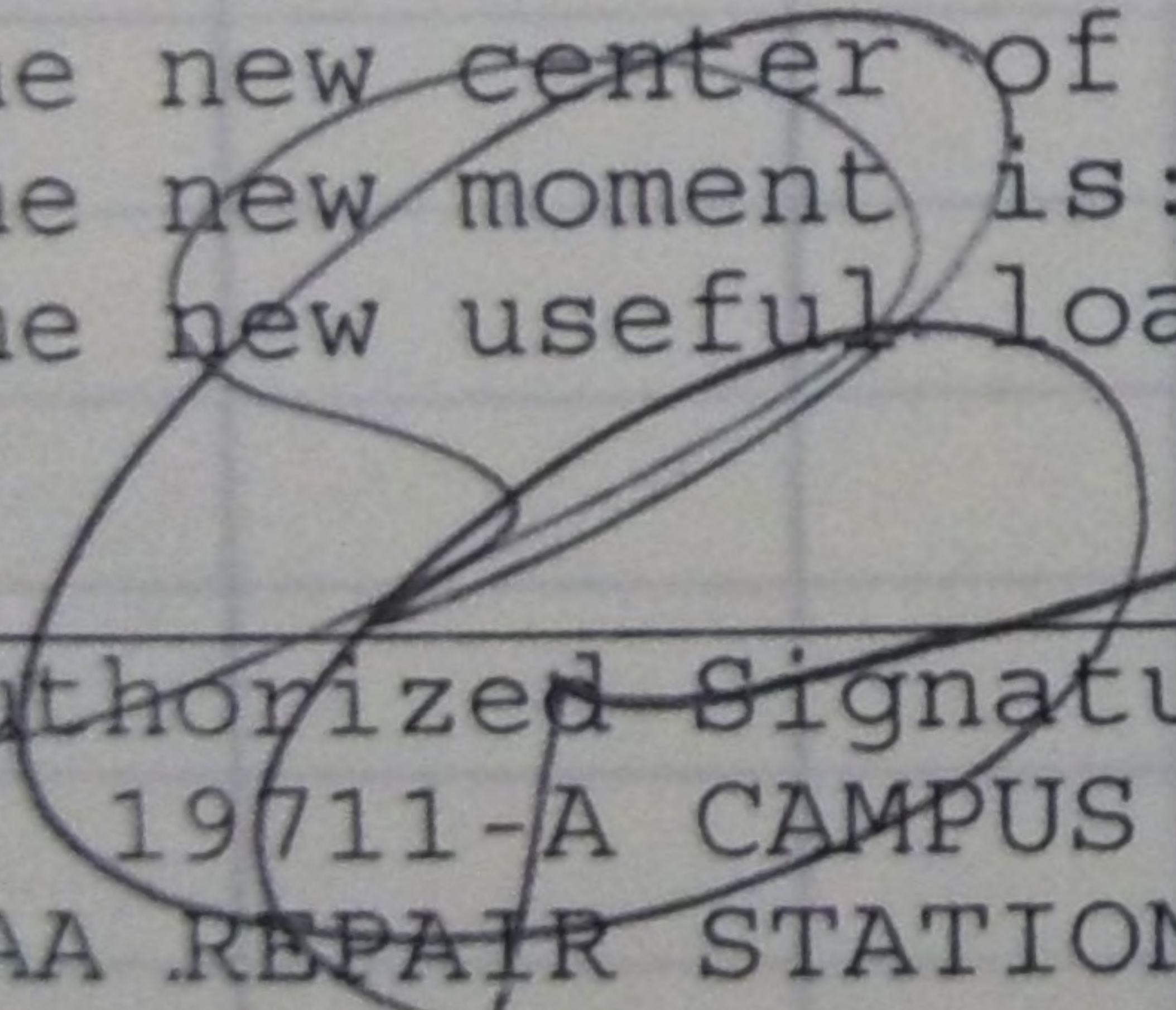
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tries.)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Date: 7-9-99, A/C Time: hours, N Number: N2029Q  
A/C Make: CESSNA A/C Model: 177 A/C SN: 177RG0429 W.O. NO: 41657

Removed the following equipment: SHARC 7 ELT  
Installed the following equipment: AMERI-KING AK-450 S/N 457767  
REMOTE UNIT

The installation was performed in accordance with manufacturers  
specifications and is approved for return to service.  
The new aircraft empty weight is: 1828.2 lbs.  
The new center of gravity is: 104.01 inches.  
The new moment is: 190159.1  
The new useful load is: 971.8 lbs.

  
Authorized Signature WESTERN AVIONICS INC  
19711-A CAMPUS DRIVE SANTA ANA, CA 92707  
FAA REPAIR STATION #YH3R997L

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

DATE 06/17/00 AC SN#177RG0429 AIRFRAME TT 3559.7 ELT DUE 01/30/02  
AC MODEL C-177 RG N# 2029Q TACH TIME 3559.70 HOBBS

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED/INSPECTED IN ACCORDANCE WITH FEDERAL AIR REGULATIONS FOR [REDACTED] ANNUAL INSPECTION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

**DESCRIPTON OF WORK**  
STOP DRILLED CRACKS IN BAFFLE, ON WING TIP COVER & TOP RUDDER CAP. R&R AIR FILTER (BA5305) LUBED LH & RH COWL FLAP LINKAGE. TREATED CORROSION ON INTERIOR LENGTH OF LH & RH WING. R&R RH WING ROOT FAIRING AFT BOTTOM SCREW. REMOVED, CLEANED & REINSTALLED GEAR UP LINE. R&R RH & LH MAIN LANDING GEAR SADDLES (2041030-6). CLEANED MASTER BRAKE CYLINDERS. INSTALLED CESSNA FUEL CAP SERVICE KIT (SK177-40D). LUBED BOTH DOOR LATCHES. R&R NOSE GEAR ACTUATOR HOSES (S2888-4-0134, S3465-3-0150). OPS CHECKED ELT PER FAR 91.207D

AD	COMPLIANCE METHOD	NEXT DUE
76-07-12	OPS. CHECK MAG SWITCH	3659.7
87-20-03	INSP. SEAT RAILS & ROLLERS	3659.7

INSPECTOR *Michael R. [Signature]* CERT # 5468272701A RS#  
SOUTHERN AVIATION MAINTENANCE, INC. 19711-B CAMPUS DRIVE SANTA ANA 92707 (949) 852-8420

ies.)

19 \_\_\_\_\_

TACH  
TIME

TIME IN  
SERVICE

Technician or Repair Facility. (See back pages for other specific entries.)

/30/02

ATIONS

DUE  
.7  
.7

# Aircraftsman

# Airframe

7000 Merrill Ave.  
Hanger/Box 100

Chino Airport  
(909) 393-0884

N-Number: N2029Q  
Model Number: Cessna 177RG

Date: 7/21/-2000  
Tach: 3560.4

Chino, Ca 91710

(909) 393-0494 FAX

Serial Number: 177RG0429

- Repaired this airframe In Accordance With FAA Form 337, dated July 21, 2000.

I certify I have Inspected repairs and maintenance performed to this aircraft and approve it for Return to Service.

Mark Wilson A&P178364413 IA

END

852-8420

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 _____				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specifications)

AMERICAN AIRCRAFT MAINTENANCE, INC. 19711-B CAMPUS DRIVE SANTA ANA, CA 92707 (949)852-8420 CRS# Z5SR421Y



DATE	08/10/01	AC SN#	177RG0429	AIRFRAME TT	3598.30	ELT DUE	01/30/02
AC MODEL	C-177RG	N#	N2029Q	TACH TIME	3598.30	HOBBS	

THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND OR INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.

DESCRIPTION OF WORK	AD	COMPLIANCE METHOD	NEXT DUE
ANNUAL INSPECTION COMPLIED WITH AS PER CESSNA 177 SERVICE MANUAL. R&R VACUUM FILTER (B3-5-1). R&R INSTRUMENT AIR FILTER (RAD9-14-5). R&R LH DOOR STAY. R&R FRONT WINDSHIELD. R&R PILOT WINDOW. R&R VOLTAGE REGULATOR (VR600 S/N B013133). OPS CHECKED ELT PER FAR 91.207D	87-20-03	SEAT TRACKS	3698.30

INSPECTOR *Robert Smith*

WORK ORDER # 13029

DATE  
19 \_\_\_\_\_  
8/10

Iterations  
 Number of  
 # Z5SR421Y

0/02  
 CURRENT  
 ICE.  
 NEXT DUE  
 3698.30

13029

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
8/1/02	3668.3		3668.3	CW AD 74-16-06 BY SECURING OIL PRESSURE LINE TO
				INSTRUMENT PANEL SUPPORT. CW AD 86-19-11 BY INSTALLING APPENDIX INFO INTO
				POH IAW PARA (b). CW AD 87-20-03 R2 BY INSP IAW PARA II C. a. - NEXT DUE
				8/31/03. REMOVED SCREWDRIVER DAMAGE FROM ALL SIX WHEEL HALVES. INSTALLED
				NEW CLEVIS PINS IN NOSE GEAR DOOR LINKS. ADJUSTED MAIN GEM ACCORDING TO
				SERVICE MANUAL. ADJUSTED GEAR WARNING HORN SWITCH TO ACTUATE AT LOWER
				M/P. INSTALLED NEW FUEL LINES IN BOTH WING ROOTS AND AT LEFT FUEL
				HEADER TANK. INSTALLED NEW BATTERIES IN ELT AND DASH SWITCH, ELT
				BATTERIES DUE 8/31/04. RIGGED FLAP SYSTEM IAW SERVICE MANUAL AFTER
				UNTWISTING CABLES. INSTALLED REQUIRED PLACARDS AT FUEL CAPS, FUEL
				SELECTOR, AND DOOR WING WINDOWS. REMOVED RADIO COOLING HOSE FROM
				YOKE, SHORTENED AND ATTACHED TO COOLING FAN. INSTALLED NEW STROBE
				POWER PACK AT LEFT WING TIP. REMOVED CORROSION FROM STABILATOR TRIM
				ROD, REPAINTED, AND REINSTALLED. INSTALLED NEW INNER TUBE IN RT MAIN
				TIRE. INSTALLED NEW BEARINGS IN NOSE WHEEL. COMPASS CARD READS:
				N-001 30-31 60-59 E-92 120-123 150-154 S-182 210-211 240-239 W-243 300-302 380-332

NEXT PAGE

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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8/1/02	3668.3		3668.3	RUN UP AND OPS ✓ OK, RETURN TO SERVICE FLIGHT
--------	--------	--	--------	---

NORMAL. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL  
INSPECTION AND WAS FOUND TO BE AIRWORTHY. *James Honda* HA 523984037



**Air Filter**

Changed at <u>3738.2</u> Hrs. Date <u>12-03</u>	Next Change _____ Hrs.
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AE S/N: AE-2961

DEPT: O

FLIGHT

TIME IN SERVICE

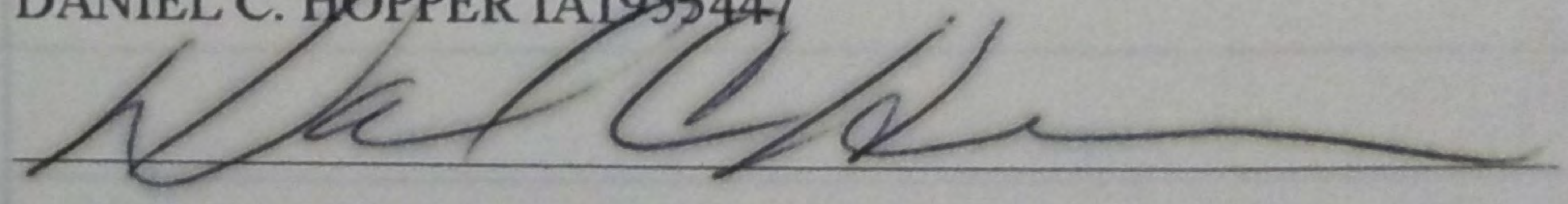
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

01/06/04

LANDING GEAR RETRACT TEST DONE IN ACCORDANCE WITH THE CESSNA 177 RG SERVICE MANUAL. UPHOLSTERED SEATS USING FOAM FROM SKANDIA. LEATHER FROM AIRCRAFT INTERIORS, BURN CERTS IN AC LOGS.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DANIEL C. HOPPER IA1955447



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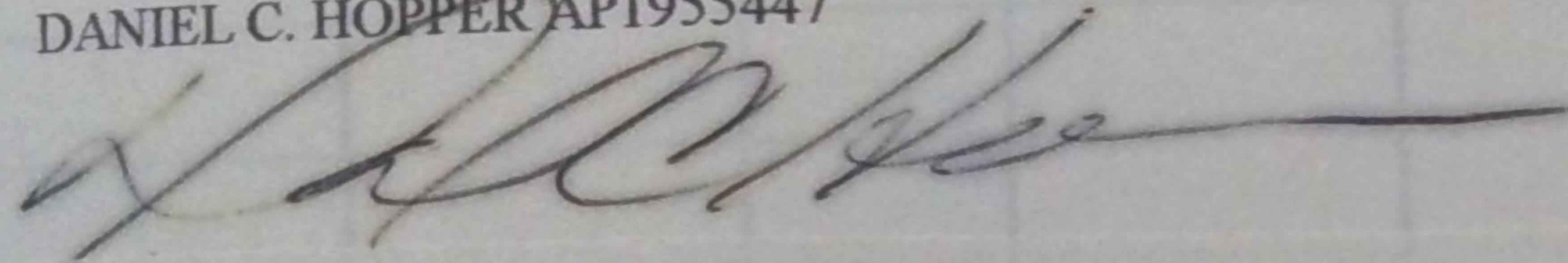
INED

02/18/2004 N2029Q

REMOVED AND REPLACED LANDING GEAR HOSE P/N S3465-3-0150,  
S2888-4-0114, S2888-4-0100 AND S2888-4-0134 CESSNA 8130-3 IN A/C  
RECORDS,

REMOVED LANDING GEAR ACTUATORS #2041007 AND #2043025 SENT  
TO THE AVIATION GROUP, INC FOR OVERHAUL, MAINTENANCE  
RELEASE IN A/C RECORDS. REMOVED HYDRAULIC POWER PACK  
P/N105932-B SENT TO KELLY AEROSPACE FOR OVERHAUL. 8130-3 IN  
A/C RECORDS. REINSTALLED ACTUATORS AND POWER PACK . GEAR  
RETRACT TEST PERFORMED 10 CYCLES. OPERATION NORMAL PER  
CESSNA SERVICE MANUAL. A/C RELEASED FOR TEST FLIGHT.

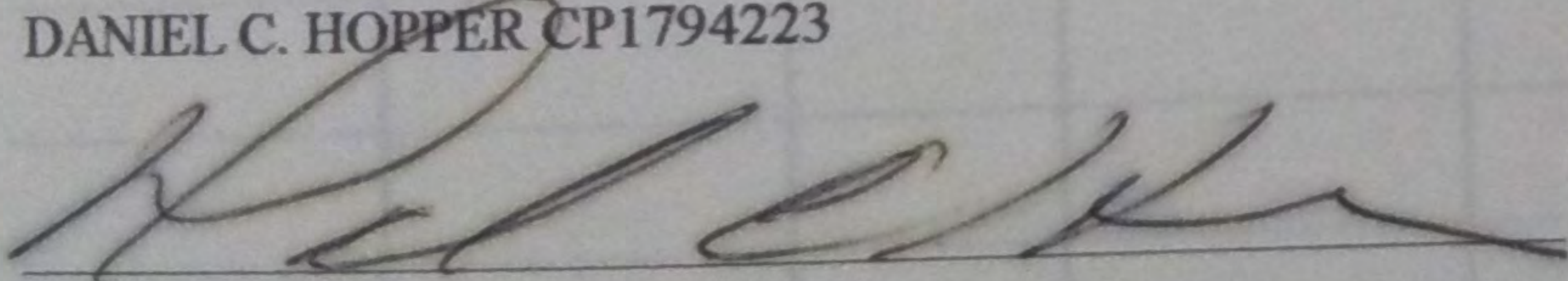
DANIEL C. HOPPER AP1955447



2/19/2004 N2029Q

A/C TEST FLOWN LANDING GEAR OPERATION NORMAL THROUGH OUT  
LANDING GEAR OPERATIONAL RANGE. A/C RELEASED TO SERVICE.

DANIEL C. HOPPER CP1794223

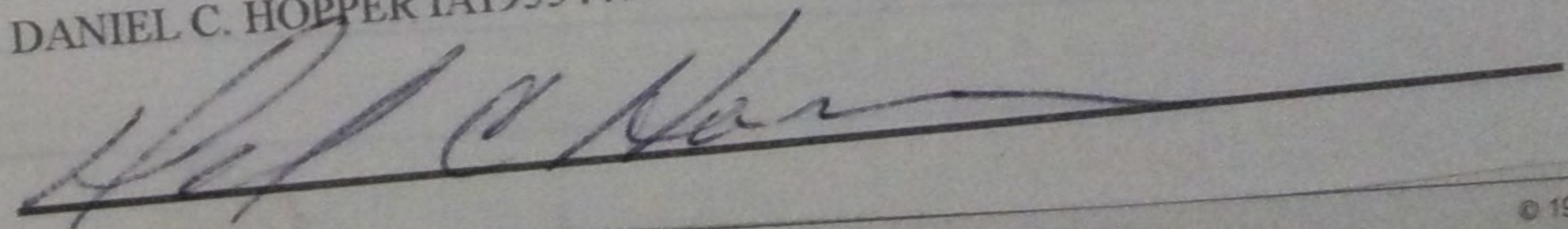



03/04/04 N2029Q TTAF 3739.7

AD'S COMPLIED WITH, 86-19-11, 87-20-03 R2.

I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE  
WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN  
AIRWORTHY CONDITION.

DANIEL C. HOPPER IA1955447



**Inspections, Tests, Repairs and Alterations**  
performed with Name, Rating and Certificate Number of  
Facility. (See back pages for other specific entries.)



erations  
umber of  
c entries.)

DATE	RECORDING TACH TIME	TODAYS 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.)
4/7/06	TACH	3807.0	TOTAL TIME 3807.0	I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH CESSNA INSPECTION PROCEDURES AND FOUND TO BE IN AIRWORTHY CONDITION. CHANGED FILTERS B3-5-1, AIR FILTER P/N BA5705, PERFORMED GEAR RETRACT TEST, LUBED ALL FITTINGS, PULLS FITTINGS. E/W NO 87-20-03 RQ SEAT TRACK INSPECTION. TESTED BATTERY, CONDUCTED FLT OPERATIONAL & EXERCISE TESTS. FLT BATTERY DUE 3/27/07. ANNUAL/100HR INSPECTION COMPLETED. AIRCRAFT APPROVED TO RETURN TO SERVICE. <u>Bt W. 1288026 IA</u>
11/4/07	TACH	3855.3	TOTAL TIME 3855.3	I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH CESSNA 177RG INSPECTION PROCEDURES. CLEANED AND LUBED ALL CONTROLS, REMOVED + REPLACED LFT. GEAR MAGNETIC SWITCH ACTUATOR, PERFORMED GEAR RETRACTION TEST. REMOVED + REPAIRED GEAR & STALL WARNING HORN ASSEMBLY. REPLACED + TESTED FOR PERFORMANCE PROPERLY. FOUND SATISFACTORY. REPLACED

DATE	RECORDING TACH TIME	TODAYS 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.)
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19 _____				<p>NOSE GEAR DOOR HINGE &amp; BUSHINGS. REPLACED RT. WING TIP STROBE POWER PACK. REPLACED TAIL FLASHER BULB, REPLACED BATTERY BOX COVER. INFLATED NOSE STRUT, REPAIRED LFT. REAR PHONE JACKS. CHANGED AIR FILTER, SERVICED BRAKES &amp; BATTERY - BATTERY TEST OK. AIRCRAFT FOUND TO BE IN AIRWORTHY CONDITION AND APPROVED TO RETURN TO SERVICE - <i>BT WLL</i> ATP 12880761A.</p> <p>COMPLETED A/D SEARCH AND FOUND NO OUTSTANDING A/D'S, C/W AD 87-20-03R SEAT TRACK INSPECTION, ELT TESTED FOR SECURITY AND OPERATION. INSTALLED NEW ELT BATTERIES. DUE 12/1/09</p> <p>COMPLETE LIST OF ALL AD COMPLIANCES FOUND IN THE AIRCRAFT PERMINANT RECORDS. <i>BT WLL</i> ATP 12880761A</p>
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Alterations  
(Number of  
specific entries.)

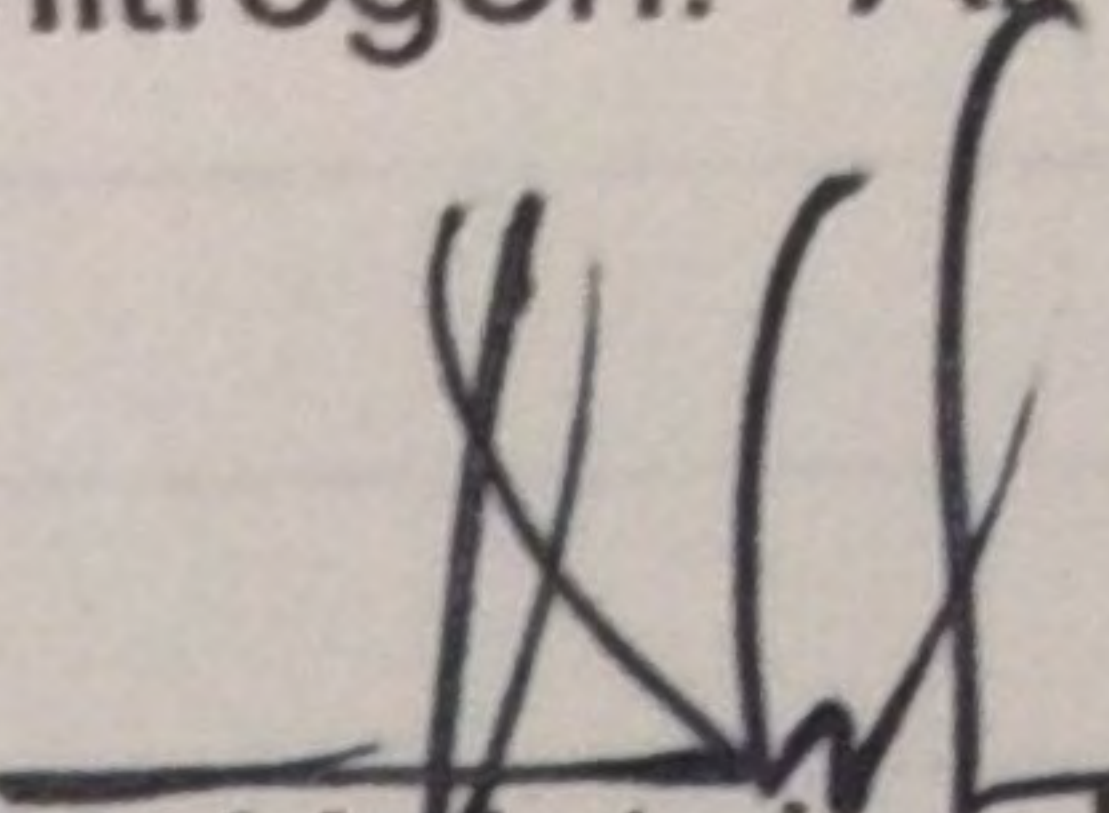
ING TIP  
BATTERY  
HANE JACKS.  
TEST OK.  
APPROVED  
30761A.  
S, C/W  
R SECURITY  
12/1/09  
THZ  
380761A

N2029Q Tach: 3865.1

05/03/08

ns

Removed existing left cabin door inside handle and installed new handle P/N 0517039-2. Serviced nose strut with nitrogen. All work in accordance with Cessna Service Manual.

  
F. W. Holstein, Jr. IA1320918

California Aero Marketing, LLC  
27022 Cordero Lane  
Mission Viejo, CA 92694 949.582.8284

NEW G-35 GILL BATT  
INSTALL BY OWNER  
5-19-2008

19

TACH TIME

FLIGHT

TIME IN SERVICE

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

N2029Q  
S/N: 177RG0429  
MODEL: 177RG  
TACH TIME: 3883.5



DATE: 12-18-08  
W.O. #: 17329  
TSMOH: 457.9

**AIRFRAME LOG**

2980 AIRWAY AV., COSTA MESA, CA 92626

TEL: 714-433-2275

FAA APPROVED REPAIR STATION # JVYR016L

**THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.**

SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA SERVICE AND MAINTENANCE MANUAL.

C/W YEARLY INSPECTION OF ELT AS PER FAR 91.207(d). INSPECTED AND TESTED. CHECKED OK. EXP 11/09.

CLEANED CONNECTIONS. R&R TAIL NAV BULB WITH NEW. P/N 1777.

R&R THREE COWL SHOCK MOUNTS WITH NEW. P/N J7444-14.

RE-SECURED BOLTS AND INSTALLED COTTER PINS ON NOSE LANDING GEAR DOOR. DOOR STILL LOOSE. SUGGEST HINGE AND PIN REPLACEMENT ON BOTH DOORS.

R&R COWL FLAP BUSHINGS WITH NEW. P/N J14290-4.

GLUED RUBBER UP STOP TO LEFT MAIN GEAR.

C/W AD87-20-03 R2 ON SEAT & SEAT RAILS BY INSPECTION. CHECKED OK.

R&R LANDING LIGHT WITH NEW. P/N 4509.

R&R TAXI LIGHT WITH NEW. P/N 4509.

C/W ALL ADs THROUGHOUT THIS DATE.



N2029Q  
S/N: 177RG0429  
MODEL: 177RG  
TACH TIME: 3894.2



DATE: 01-22-10  
W.O. #: 18026  
TOTAL TIME:

AIRFRAME LOG  
2980 AIRWAY AV., COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JVYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA SERVICE AND MAINTENANCE MANUAL.  
REMOVED & REPLACED ELT BATTERIES W/NEW. D-CELL.  
FAR 91-207(d) COMPLIED WITH YEARLY INSPECTION OF ELT BATTERY. BY PHYSICAL TEST OPS. CHECKED OKAY.  
ELT BATTERIES EXPIRE 01-07-2012.  
R&R VACUUM SYSTEM FILTER W/NEW. P/N ARB3-5-1.  
CLEANED AND INSPECTED LANDING GEAR HYD SERVO LINE. CHECKED OK.  
C/W AD2008-26-10 BY INSPECTION OF ALTERNATE STATIC AIR SOURCE SELECTOR VALVE. VALVE IS CLEAR.  
C/W AD87-20-03 R3 ON SEAT & SEAT RAILS BY INSPECTION. ALL WORN WITHIN LIMITS.  
R&R 16 BAD ENGINE COWLING SCREWS W/NEW. KIT P/N 04-00333.  
C/W ALL ADs THROUGHOUT THIS DATE.

**KAISLEY EXHAUST SYSTEMS**  
FAA/PMA Certified Repair Station #NJ3R712L

3450 Swetzer Road  
Loomis, CA 95650

916-652 5891 (Local) | 800-522 6990  
916-652 6257 (FAX)

**SERVICEABLE**

A/C Type Cessna

Component Name Crossair

Model 172 R5

P/N 2054019-1

The aircraft component identified above was repaired/overhauled and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Work Order No. 134382

Date 1-15-70

Signed [Signature]  
(Authorized Individual)

Descript  
Entries  
Technic

**KAISLEY EXHAUST SYSTEMS**  
FAA/PMA Certified Repair Station #NJ3R712L

3450 Swetzer Road  
Loomis, CA 95650

916-652 5891 (Local) | 800-522 6990  
916-652 6257 (FAX)

**SERVICEABLE**

A/C Type Cessna

Component Name Muffler

Model 172 R5

P/N 2054000-43

The aircraft component identified above was repaired/overhauled and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Work Order No. 134382

Date 1-15-70

Signed [Signature]  
(Authorized Individual)

nd Alterations  
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specific entries.)



DATE

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N2029Q

S/N: 177RG0429

MODEL: 177RG

TACH TIME: 3905.5



DATE: 02-10-11

W.O. #: 18752

TOTAL TIME:

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3.)

**AIRFRAME LOG**

2980 AIRWAY AV., COSTA MESA, CA 92626

TEL: 714-433-2275

FAA APPROVED REPAIR STATION # JYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SIGNED: *[Signature]*

C/W ANNUAL INSPECTION IAW CESSNA 177SERVICE AND MAINTENANCE MANUAL.
REMOVED & REPLACED ELT BATTERIES W/NEW, D-CELL.
FAR 91-207(d) COMPLIED WITH YEARLY INSPECTION OF ELT BATTERY BY PHYSICAL TEST. OPS CHECKED OK.
ELT BATTERIES EXPIRE FEB 2012.
R&R VACUUM REGULATOR FILTER W/NEW, P/N ARB3-5-1.
C/W AD87-20-03 R2 ON SEAT & SEAT RAILS BY INSPECTION.
R&R NAV LIGHT BULB W/NEW, P/N A7512-12.
R&R BRAKE LININGS W/NEW, P/N 066-10500.
REPAIRED NOSE GEAR SWITCH WIRES, GEAR RETRACTION PERFORMED, TESTS OK.
R&R PANEL LIGHT BULB W/NEW, P/N GE330.
C/W ALL ADs THROUGHOUT THIS DATE.

DATE	RECORDING TACH	TODAYS FLIGHT	TOTAL TIME	Description of Inspections, Tests, Repaire and Alterations
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19  
 N2029Q  
 S/N: 177RG0429  
 MODEL: 177RG  
 TACH TIME: 3911.0



DATE: 04-17-12  
 W.O. #: 19470  
 TOTAL TIME:

**AIRFRAME LOG**  
 2980 AIRWAY AV., COSTA MESA, CA 92626  
 TEL: 714-433-2275  
 FAA APPROVED REPAIR STATION # JVYR016L

**THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.**

SIGNED: *[Signature]*

- C/W ANNUAL INSPECTION IAW CESSNA MAINTENANCE MANUAL.
- FAR 91-207(d) COMPLIED WITH YEARLY INSPECTION OF ELT BATTERY BY PHYSICAL TEST. OPERATION CHECKED OK. R&R 6 'D' CELL BATTERIES WITH NEW. DUE DATE: FEB 2013.
- PITOT STATIC TRANSPONDER TEST DUE DATE: 02/28/2013.
- R&R VACUUM REGULATOR FILTER WITH NEW. P/N ARB3-5-1 (1).
- R&R VACUUM FILTER WITH NEW. P/N D9-14-5 (1).
- SERVICED OXYGEN SYSTEM.
- C/W AD2008-26-10C BY INSPECTION OF ALT STATIC VALVE.
- C/W AD2011-10-09 BY INSPECTION OF SEAT RAIL.
- C/W SEB07-5 R2 BY INSTALLATION OF PILOT SEAT SECONDARY STOP KIT. P/N SK210-174B.
- R&R FUEL BOWL AFTER INSPECTION. SERVICED WITH M83248-1-111 (1) AND MS29513-138 (1) O-RINGS.
- R&R RIGHT STROBE LIGHT AFTER CLEANED TERMINALS. OPERATION CHECKED OK.
- R&R HYDRAULIC PUMP ASSY AFTER REPAIRED BY OUTSIDE VENDOR UNDER INV# 776274. SERVICED WITH 5606 HYDRAULIC FLUID.
- R&R JPI GAUGE FUSE BOX BROKEN WITH NEW. P/N 133004.
- SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.
- C/W ALL ADs THROUGHOUT THIS DATE.

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WESTERN AVIONICS, INC. 19300 IKE JONES RD., SANTA ANA, CA 92707 CRS YH3R997L  
N2029Q CESSNA 177RG S/N: 177RG0429 WO# 231975 TACH: 3917.1

- PERFORMED 24 MONTH CERTIFICATION OF ALTIMETER, BLIND ENCODER AND STATIC SYSTEM AS REQUIRED BY F.A.R. 91.411 I.A.W. F.A.R. PART 43, APPENDIX E TO 20,000 FT.
- PERFORMED 24 MONTH A.T.C. TRANSPONDER TEST AS REQUIRED BY F.A.R. 91.413 AND ACCOMPLISHED I.A.W. PART 43, APPENDIX F.

THE AIRCRAFT COMPONENT(S) IDENTIFIED ABOVE HAVE BEEN INSPECTED WITH REFERENCE TO ALL CURRENT FEDERAL REGULATIONS AND FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY.

Signed YH3R997L Stan Erickson Date 5/9/2013

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N2029Q  
S/N: 177RG0429  
MODEL: 177RG  
TACH TIME: 3917.1



DATE: 05-13-13  
W.O. #: 20115  
TOTAL TIME:

AIRFRAME LOG  
2980 AIRWAY AV., COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JYR016L

THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.

SIGNED: [Signature]

- C/W ANNUAL INSPECTION IAW CESSNA 177RG MAINTENANCE MANUAL.
- FAR 91-207(d) COMPLY WITH YEARLY INSPECTION OF ELT BATTERY BY PHYSICAL TEST. OPERATION CHECKED OK. R&R 6 D CELL BATTERIES WITH NEW. BATTERY REPLACEMENT DUE DATE: 05/31/2014.
- PITOT STATIC TRANSPONDER TEST PERFORMED BY OUTSIDE VENDOR UNDER INV# 231975. NEXT DUE: 05/31/2015
- R&R VACUUM REGULATOR FILTER WITH NEW. P/N ARB3-5-1 (1).
- C/W AD2011-10-09 ON SEAT RAIL BY INSPECTION PER PAR G.
- SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.
- C/W ALL ADS THROUGHOUT THIS DATE.

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# Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of

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N2029Q  
S/N: 177RG0429  
MODEL: 177RG  
TACH TIME: 3920.0



DATE: 06-24-14  
W.O. #: 20704  
TOTAL TIME:

**AIRFRAME LOG**  
2980 AIRWAY AV., COSTA MESA, CA 92626  
TEL: 714-433-2275  
FAA APPROVED REPAIR STATION # JVYR016L

**THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.**

SIGNED: \_\_\_\_\_

C/W ANNUAL INSPECTION IAW CESSNA 177RG MAINTENANCE MANUAL.
FAR 91-207(d) COMPLY WITH YEARLY INSPECTION OF ELT BATTERY BY PHYSICAL TEST. OPERATION CHECKED OK.
R&R ELT BATTERY WITH NEW P/N 'D' CELLS (6). OPS CHECK OK.
PITOT STATIC TRANSPONDER TEST DUE DATE: 6/1/2015
R&R VACUUM REGULATOR FILTER WITH NEW P/N ARB3-5-1. OPS CHECK OK.
R&R VACUUM PUMP FILTERS WITH NEW P/N D9-14-5. OPS CHECK OK.
R&R INDUCTION AIR FILTER WITH NEW P/N BA5705. OPS CHECK OK.
C/W AD2011-10-09 ON SEAT RAIL BY INSPECTION PER PAR G.
R&R NOSE TIRE WITH SERVICEABLE P/N 500X5. OPS CHECK OK.
CORROSION REMOVED, CLEANED, AND REPAINTED
SOME SBs THAT APPLY TO THIS AIRCRAFT MAY NOT HAVE BEEN PERFORMED PER OWNER'S DECISION.
C/W ALL APPLICABLE ADs THROUGHOUT THIS DATE.

DATE 19	RECORDING TACH TIME	TODAYS 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.)
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11-14-2014 3959.2 TACH Replaced LEFT AND RIGHT MAIN TIRES w/ 15/600-L6PR TIRES AND TUBES, REPLACED LANDING LIGHT w/ GE4509 BULB, REPLACED RUDDER CAP P/N 29-K173309, REPLACED RH CABIN DOOR WINDOW P/N W-2148-RH AND LEFT AND RIGHT DOOR VENT WINDOWS P/N W-1026-125, GREAT LAKES ACRO, REPLACED RIGHT STROBE POWER SUPPLY, DETROFLASH 152-0007, REMOVED APOLLO LORAN MODE 2 CE18 TCA, S/N 12757, INSTALLED GARMW GX55, P/N 430-6050-200, S/N 6005961, INSP BY PACIFIC COAST AVIATION, CRS OPR2455L, WORK ORDER 816, DATED 9-8-2014, EQUIPMENT LIST AND WEIGHT AND BALANCE REVISION, NEW EW: 1826.7 EWCG: 104.04, USEFUL LOAD 973.3 lbs.

Michael Muehner AIP 244824188

12-24-2014 3978.0 TACH, REPLACED NOSE GEAR LOWER STRUT SPRINGS P/N MS 28775-329 AND MS 28775-228, SERVICED w/ 5606 Hyd FLUID AND NITROGEN.

Michael Muehner AIP 244824188

2-12-2015 4005.8 TACH REPLACED ALTERNATOR BELT P/N 37419773-376, REINSTALLED PROP w/ NEW CRANK P/N A1633-11, QRO RUN AND LEAK CHECKED GOOD

Michael Muehner AIP 244824188

Alterations

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DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-2-2015	4057.9	TACH/TT	PERFORMED	100 Hr Insp w/ FAR 43 App. D, Replaced O-rings at Fuel Selector w/ McFarlane Kit P/N FSS-KT-18, Replaced the following Landing Gear Nose Assy P/N AE 366 32 31 E 0134, AE 366 32 31 E 0150, AE 366 32 31 E 0114, AE 366 32 31 E 0100, serviced Hyd Reservoir w/ 5606 Hyd Fluid. Replaced Landing Gear Switch P/N 51856. Performed Landing Gear Retraction and Emergency Extension Checks, all lines leak checked good, Replaced both Brake Lines w/ P/N 350-3-0054, cleaned insp and greased wheel bearings, Replaced Induction Filter P/N BA-5705, cleaned fuel strainer reinstalled w/ new O-rings, installed new wing mirror P/N W210106-K, replaced air seat hoses to fresh air vents, sprayed spar area w/ ACF-50, replaced vert stab cap w/ P/N K1731009-4, replaced seals in shimmy damper, charged and serviced battery, c/w 91.207(d) by Insp of EIC, next Insp due 7-2016, replaced 6 ea Duracell batteries, c/w AD 2011-10-09 by Insp of seat tracks and seat components, next Insp due 4157.9 or 7-2016 Aircraft qrd RW, systems operation and leak checked good. I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in an Airworthy Condition. Michael W. Mackinnon IA244824188

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RECORDING TACH TIME	TODAYS 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)
11-4-2015	ACTIMETER WO 4093	TRANSPONDER CONT. DATED 11-4-2015	COLUMBIA AIRBORNE CAS ZKGR483J SEE ATTACHED SHEETS
5-18-2016	4141. TACH	INSTALLED	AILERON SCRUO P/N 1C508-1-378R, S/N 5696A, REPAIRS By Mid CONTINENT INST. CAS OL2R061L, WO 200855683 DATED 5-12-16, INST. TURN AND BANK P/N 52D75-4m S/N 4195E. REPAIRS BY BERKSHIRE INST. CAS VV5R289N WO 42233 DATED 4-27-16. Michael Muehner AIP 244824188
7-1-2016	4154.0 TACH	REPLACED	TURN COORDINATOR P/N 52D75-4m, REMOVED S/N 4195E, INST. S/N 15019E REPAIRS BY BERKSHIRE INST. CAS VV5R289N, WO 42326 DATED 6-22-16. Michael Muehner AIP 244824188

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DATE 19__	RECORDING TACH TIME	TODAYS 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.)
7-18-2016	4157.4 TACH	TOTAL TIME	PERFORMED 100HR (INSP 1/A/W FAR 43 App. D, LUBED FLIGHT	<p>CONTROLS, CLEANED, INSP AND GREASED WHEEL BEARINGS, REPLACED ORINGS AT LT:RT BRAKE LINE SWIVELS, PERFORMED GEAR RETRACTION AND EMERGENCY EXTENSION CHECKS, REPAIRED THE FOLLOWING INTERIOR PANELS OF PLANE PLASTICS P/N'S: LH MOLDING KIT15040-7, RH MOLDING P/N KIT15040-8 AND KIT15040-10, LH MOLDING P/N KIT15040-5 AND KIT15034-1, LH DOOR POST P/N KIT15040-9. REPLACED SUN VISORS OF PLANE PLASTICS P/N 70060-177 1/A/W STC SA00812CH, DRAWING NO 70000-177 DATED 7-3-98, REPLACED ENGINE EXHAUST SYSTEM W/ POWER FLOW SYSTEMS, INC P/N PFS-13706, S/N 194, STC NO. SA03623AT, INSTALLED 1/A/W INSTRUCTION AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS PFS-13752-00 REV E, DATED MARCH 26, 2014, ICA PLACED W/ AIRCRAFT RECORDS, REPLACED AIR FILTER W/ CHALLENGER AIR FILTER P/N CP-1177, S/N 16-0308, STC NO. SA01669CH, INST INSTRUCTION NO. 402 REV E DATED 12-10-04, INSTRUCTION FOR CONTINUED AIRWORTHINESS Doc no. 4003, REV E, DATED 5-5-2010 PLACED W/ AIRCRAFT RECORDS, EQUIP LIST AND WEIGHT AND BALANCED REVISED, NEW EMPTY WT: 1828.7, CG: 103.9, MOMENT 190009.89, CLEANED FUEL STRAINER AND REINSTALLED W/ NEW ORINGS, CHARGED BATTERY, C/W 91.207(d) BY INSP OF ELT, NEXT INSP DUE 7-2017, C/W AD 2011-10-09 BY INSP OF SEAT COMPONENTS AND TRACKS, NEXT INSP DUE 7-2017 OR 4257.4 TACH, AIRCRAFT GRD RUN, SYSTEM OPERATION AND - CONT -</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				
- CONT.				LEAK CHECKED GOOD. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Michael Muchmore IA 244824188
7-24-2016	4168.0 TACH			REPLACED VACUUM PUMP w/ Rapco RAP215CC, S/N A621A, INSTALLED W/CO WING MOUNTED CONVEX MIRROR, STC SA2791CE, IN ACCORDANCE WITH W/LED DRAWING NO W177107, DATED 1-20-06, Michael Muchmore AIP 244824188
8-13-2016	4179.0 TACH			REPLACED OIL COOLER w/ AERO-CLASSICS OIL COOLER P/N 8001599 S/N 4654372, INSTALLED w/ P/W FIREWALL FWD STC SA4030NM. GRO RUN AND LEAK CHECKED GOOD. Michael Muchmore AIP 244824188
10-21-2016	4191.7 TACH			REPLACED VOLTAGE REGULATOR P/N DGR6-1, S/N 80N47618, LAMP, REPAIRED ALTERNATOR w/ P/W AL12-F60, S/N H-080710, GRO RUN AND VOLTAGE CHECKED GOOD. Michael Muchmore AIP 244824188

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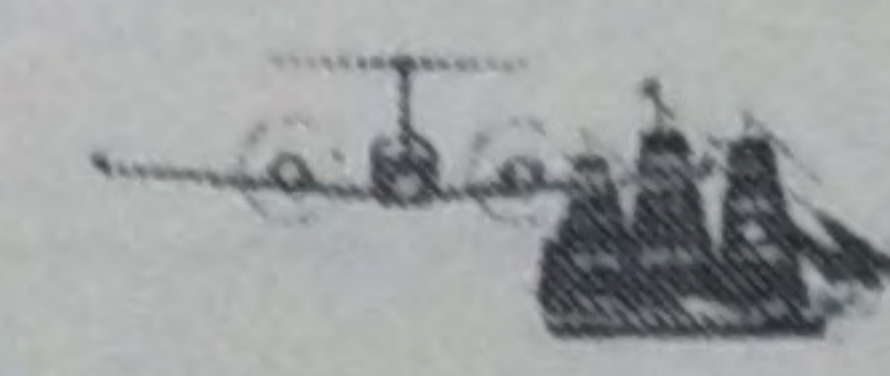
DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-28-2017	4222.3	TACH		REPLACED THE FOLLOWING PARTS: W-2149-LH REAR SIDE WINDOW, W-2149-RH REAR SIDE WINDOW W/G-2151 REAR BACK WINDOW mfg by GREAT LAKES AERO PRODUCTS, REPLACED THE FOLLOWING INTERIOR PANELS mfg by PLANE PLASTICS, LTD, K1715043-15 LH WINDOW TRIM, K1715040-22 RH WINDOW TRIM, K1715041-2 REAR WINDOW TRIM, K2015000-5 RH PANEL, K2015000-1 Moulding, K2015003-1 REAR BAGGAGE POST, K2015005-1 moulding, K1715041-1 REAR WINDOW TRIM, REPLACED LT AND RIGHT DOOR SEAL w/ P/N \$1817-1, INSTALLED LANDING GEAR PUMP LIGHT, ALL WIRING w/ w AC 43-13-20, WIRING DIAGRAM PLACED w/ RECORDS. Michael Muchmore AIP 244824188
4-28-2017	4259.1	TACH		REPLACED GEAR DOOR HARDWARE, 2EA AN42B-13 EYE BOLT, 2EA AN42B-10 EYE BOLT, 2EA NAS75-3-019 BUSHINGS AND 2EA \$1929-1 BUMPER, PERFORMED GEAR RETRACTION AND EXTENSION CYCLES, Michael Muchmore AIP 244824188
8-2-2017	4278.1	TACH	TOTAL TIME	PERFORMED 100HR Insp w/ w FAR 43 app. D, LUBED FLIGHT CONTROLS, CLEANED, Insp AND GREASED WHEEL BEARINGS, LUBED LANDING GEAR, PERFORMED GEAR RETRACTIONS, EXTENSION AND EMERGENCY EXTENSION CHECKS. CHARGED BATTERY, (w/ 91.207d) BY Insp OF ELT, NEXT Insp DUE 8-2018, REPLACED INTERCOM w/ SPA-400, S/N 6029700, -CONT-



**Alterations**  
 Certificate Number of  
 per specific entries.)  
 ) STC SA2586NM,  
 ) LIMITED STC  
 ) NO SEAT  
 ) SYSTEMS OPERATION  
 ) TESTED IN  
 ) AN AIRWORTHY

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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Columbia Air Services-BHB, LLC  
 112 Caruso Drive (Hancock County) Bar Harbor Airport – Trenton, ME 04605  
 CRS#ZKGR483J

N 2029Q Make C-177RG Date <sup>12/7/17</sup> Time: 4296.4

The following comply with FAR 43, Appendix E&F:

1. The altimeter listed below, which was tested from -1000 to 20,000FT.
2. The correlation test between the altimeter, transponder, and encoder listed below, which has been tested to 15,000FT.
3. The static pressure system test.

Altimeter Make: United Model: 5934PAM-1 S/N: 25982  
 Encoder Make: 7CT Model: B120P2T S/N: 21030  
 Transponder Make: Bea/King Model: KT 76 S/N: 2319

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance Identified Above was Repaired and Inspected in Accordance with current Regulations of FAA and is Approved for return to Service. Pertinent details of the repair are on file at This Repair Station under RO # 4620  
 Date: 12-7-17 Signed: [Signature]  
**Columbia Air Services – BHB, LLC**  
 112 Caruso Drive Trenton, ME 04605 FAA Certified Repair Station # ZKGR483J

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
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10-1-2018	4368.1 TACH/TOTAL TIME			PERFORMED 100HR Insp i/a/w FAR 43 App.D, LUBED FLIGHT CONTROLS, CLEANED, INSP AND GREASED WHEEL BEARINGS, REPLACED LT & RT BRAKE PADS w/ ddc-0105 PADS. PERFORMED GEAR RETRACTION AND EMERGENCY EXTENSION CHECKS, REPLACED VAC RELIEF FILTER BS-5-1, CLEANED AND SERVICED INDUCTION FILTER i/a/w CHALLENGER AIR FILTER ICA INSTRUCTION, CLEANED FUEL STRAINER AND LEAK CHECKED, c/w 91.207(d) BY INSP OF ELT, NEXT Insp DUE 10-2019, c/w AD 2011-10-09 BY INSP OF SEAT TRACKS AND SEAT COMPONENTS, NEXT Insp DUE 4468.1 TACH OR 10-2019, AIRCRAFT GND RUN, SYSTEMS OPERATION AND LEAK CHECKED GOOD, I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Michael Muchmore IA 244824188
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11-8-2019	4439.9 TACH/TOTAL TIME			PERFORMED 100HR Insp i/a/w FAR 43 App.D, LUBED FLIGHT CONTROLS, CLEANED, INSP AND GREASED WHEEL BEARINGS, LUBED LANDING GEAR, PERFORMED GEAR RETRACTION AND EMERGENCY EXTENSION CHECKS, CLEANED FUEL STRAINER, CLEANED INDUCTION FILTER (CHALLENGER FILTER) c/w 91.207(d) BY INSP OF ELT, NEXT Insp DUE 11-2020, c/w AD 11-10-09 BY INSP - CONT-
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DATE 19__	RECO TACH TIME
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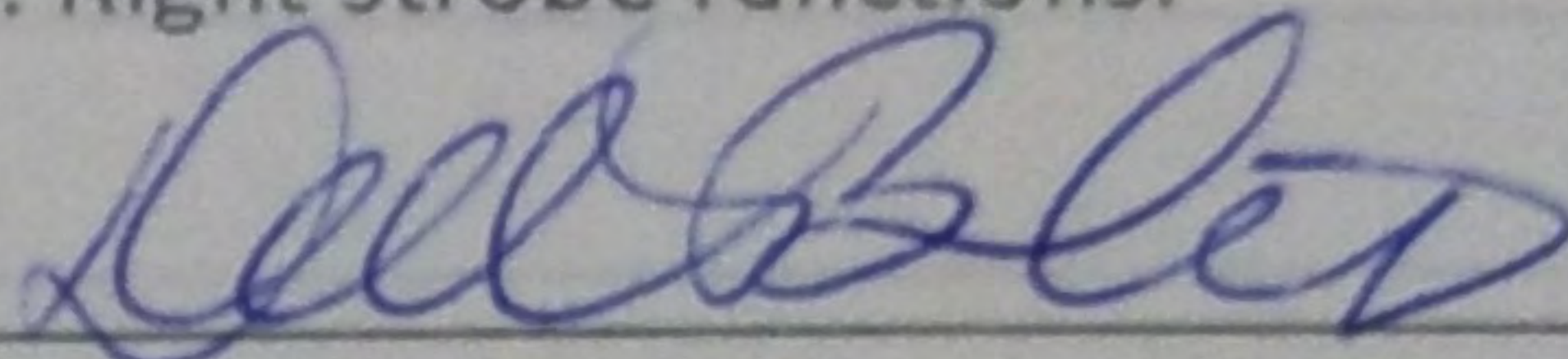
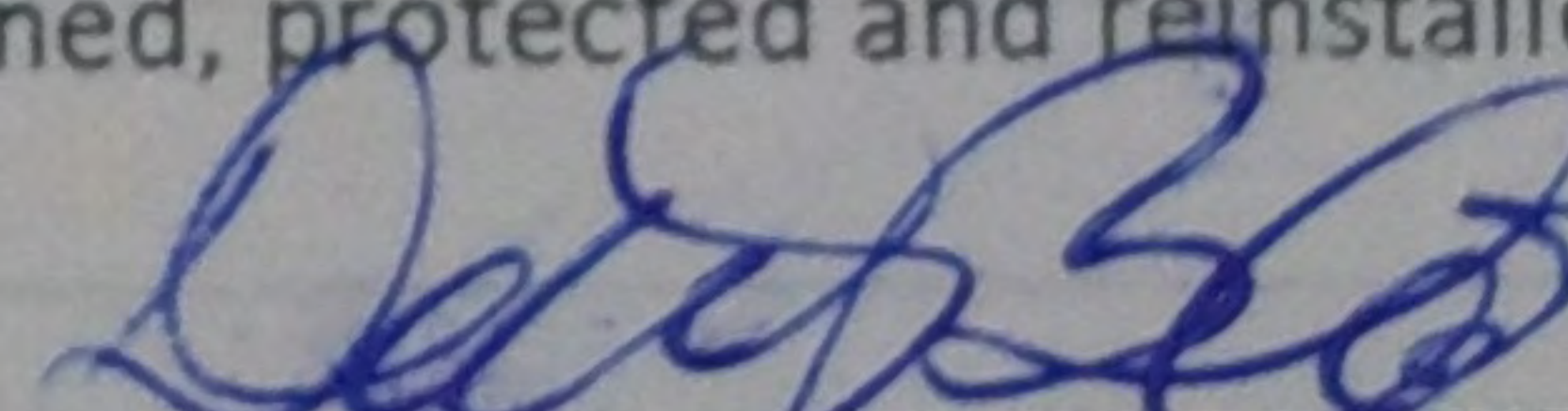
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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
- CONT -				OF SEAT TRACKS AND COMPONENTS, NEXT INSP DUE 11-2020 or 4539.9 TACH AIRCRAFT GRO RUN, SYSTEMS OPERATION AND LEAK CHECKED GOOD. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.  Michael Muchmore IA244824188
11-11-2019	4459.9 TACH			REMOVED TAIL POSITION LIGHT, INSTALLED UAVIONIX TAIL BEACON ASSY P/N UAV-1002183-001, S/N 2004615, STC SA04427CH, INSTALLATION MANUAL DOCUMENT UAV-1002514-001, REV B DATED SEPT 12, 2019, WT: BAL NEGLIGIBLE, EQUIPMENT LIST REVISED, FLIGHT MANUAL SUPPLEMENT UAVIONIX DOCUMENT UAV-1002512-001 PLACED IN AIRCRAFT MANUAL, ICA INSTRUCTIONS UAVIONIX DOCUMENT UAV-1002513-001 PLACED IN AIRCRAFT RECORDS, FAA FORM 377 FILED.  Michael Muchmore IA244824188



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DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	8/3/2020 Tach: 4,459.40			Wingnuts Aviation, LLC. N2029Q 4428 Airport Road 177RG Springfield, TN 37172 S/N: 177RG0429  1 Removed, recharged (oiled) and reinstalled induction air filter. 2 Added air to nose strut for specified height. 3 Checked and reset right wing root electrical connections. Right strobe functions.   David Bliss AP 3456094 IA
	10/19/2020 Tach: 4,491.90			Wingnuts Aviation, LLC. N2029Q 4428 Airport Road 177RG Springfield, TN 37172 S/N: 177RG0429  1 Removed right position light housing and socket, cleaned, protected and reinstalled. Operational test satisfactory.   David Bliss AP 3456094 IA

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				



MurfreesboroAviation.com Phone: 615-494-1900 K.M.B.T

Make: CESSNA  
 Order No.: 104055  
 S/N: 177RG0429

Model: 177RG

Tach Time: 4504.40



Reg. No.: N2029Q  
 Completed: 01/14/21  
 TTAF: 4504.40


Performed Annual inspection IAW FAR 43 Appx D, referencing Cessna 177RG manuals. ELT tested per 91.207d, no defects noted. Replaced batteries in ELT and ELT remote switch. Next ELT battery due MAR 2029, Switch battery due MAR 2030. Installed new S1856-1 Switch and serviceable owner provided cam for gear warning switch, and adjusted for proper horn operation. CW ICA for Challenger air filter unit by cleaning, reoiling, and installation of new CP-1504 Gasket. Secured throttle pedestal cover to prevent contact with CPT LH rudder pedal at full deflection. Installed new S2022-1 rod end on stabilator trim actuator rod. Installed new NAS464P3 bolt in lower mount of Stabilator trim jackscrew.

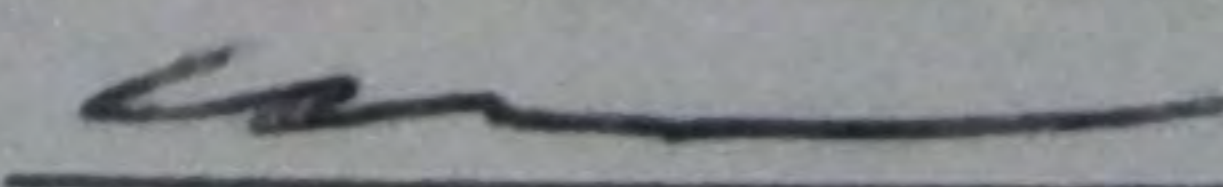
Removed Stabilator from aircraft, cleaned and inspected hinge area. Reinstalled w/new mounting hardware 1732039-1 Retainers, 1712156-1 Bushings, NAS6606D17 bolts, and S1450-6-12-080 washers.

Replaced single loose rivet on RH side of vertical Stab. Cleaned FOD from tailcone and under floor area. Replaced missing P612154 Insulating sleeve on flap control return spring. Serviced brakes and hydraulic reservoir w/5606 as required.

CONT. →


**Alterations**  
 (Enter Number of  
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 _____				RH Aileron removed due to unserviceable damage on outboard trailing edge. Mounting area cleaned and inspected. Installed owner provided serviceable unit of same PN from Texas Air Salvage. Cleaned and lubricated adjustment screws on both crew seats. Installed new B100143-1 Slip rings and B100142-1 Gaskets on both fuel caps. Removed LH nose gear door and replaced worn hinge assembly w/new 2043021-7 Hinge halves and 2043022-1 hinge pin. Installed new 3-5-1 vacuum regulator filter. Installed 3 new J7444-14 cowling mounts. Installed new fuel filler placards stating type and quantity of fuel. Checked and adjusted cable tensions as required. Cleaned and relubricated flap actuator screw and flap tracks. Cleaned and lubricated landing gear pivot points as required. Replaced damaged NLG retract hydraulic tube w/new 2080117-28. Routed and positioned tube to prevent future damage. Replaced NLG steering pin w/new MS20392-3C17 and lubricated pivot point. Secured cables, wiring and hoses as required to preclude chafing. Jacked aircraft, serviced wheel bearings w/Mobile SHC100 grease. Tested gear retract and extension, and emergency extension. Checked fit and function of gear doors, uplocks, and downlocks, no defects noted. C/W Powerflow Exhaust ICA by disassembly, inspection, and lubrication of slip joints, stacks, heat exchanger, and tailpipe/muffler, no defects noted. C/W Tailbeacon ICA by checking "12 Month" items as listed in Section 8 of UAV-1002112-001, REV C. No defects noted. C/W AD 2011-10-09 Seat tracks (6/17/11) by inspection, no defects noted. Next due 4604.4 TTAF C/W AD 17-16-01 Ameri King ELT (10/24/17) By inspection, no defects noted. New batteries installed as noted above. Next inspection due JAN 2022. No other new/recurring AD's due at this time, see aircraft records for a full compliance list. I certify that this aircraft has been inspected IAW an Annual inspection and was found to be in an airworthy condition. Austen Kiser  A&P 3745725 IA

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

DATE
19

10-19-21



MurfreesboroAviation.com Phone: 615-494-1900 K.M.B.T

Make: CESSNA  
Order No.: 107398  
S/N: 177RG0429

Model: 177RG

Tach Time: 4526.20

R&R RH Main tire & tube w/new 15-6.00-6. Adjusted throttle switch for gear warning horn to sound per Manual. Adjusted aileron tabs to correct right wing heavy situation, and tightened yoke bracket screw. Austen Kiser  
*Austen Kiser* A&P 3745725



Reg. No.: N2029Q  
Completed: 03/04/21  
TTAF:



MurfreesboroAviation.com Phone: 615-494-1900 K.M.B.T

Make: CESSNA  
Order No.: 115314  
S/N: 177RG0429

Model: 177RG

Tach Time: 4592.50

Complied with AD2011-10-09 (Seats & Seat Rails). Due again in 100 Hours. Complied with AD15-09-07 (Fuel Injection Lines). Due again in 100 Hours. Adjusted gear warning horn switch.



Reg. No.: N2029Q  
Completed: 10/19/21  
TTAF:

Bruce Hatch AP3130546

*Bruce Hatch*



Murfreesb  
Make: CES  
Order No.:  
S/N: 177RG

Replaced  
PN" D38-M  
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DATE	RECORDING TACH TIME	TODAYS 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.)
10-19-21	4592.5			REPLACED LEFT MAIN TIRE & TUBE WITH NEW. REPACKED L. WHEEL BEARINGS. END - Dennis K. [Signature] AP3130546



MurfreesboroAviation.com Phone: 615-494-1900  
Make: CESSNA  
Order No.: 116932  
S/N: 177RG0429

K.M.B.T  
Model: 177RG  
Tach Time: 4600.10



Reg. No.: N2029Q  
Completed: 11/10/21  
TTAF:

Replaced <sup>nose</sup> gear proximity switch and magnet using customer supplied switch PN:59022-1-U-02-F and magnet PN" D38-N52. Also replaced main gear proximity switch and magnet after determining MLG switch had failed. Post installation gear extension and retraction cycles showed no discrepancies.

Kevin Short [Signature] 3756759 A&P



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Cessna  
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 No.: N2029Q  
 ed: 11/23/21  
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
19 _____				



**Murfreesboro Aviation**  
**FAA Repair Station #44MR026D**  
 1936 Memorial Blvd, Murfreesboro, TN 37129  
**REG NO: N2029Q      DATE: 20 Apr 2022      HOBBS:**  
**MODEL #: Cessna 177RG    S/N: 177RG0429    TACH: 4622.6**



**AIRFRAME LOG**

I certify that the altimeter and altitude reporting equipment test required by FAR 91.411 has been performed and found to comply with FAR 43 Appendix E. Altimeter tested to 20,000 feet. I certify this King KT-76 transponder has been tested and inspected as required by FAR 91.413 The aircraft identified above was inspected in accordance with current FAA regulations and was found airworthy for return to service.

<u>Standard</u>	<u>Reading</u>	<u>Standard</u>	<u>Reading</u>	<u>Standard</u>	<u>Reading</u>	<u>Standard</u>	<u>Reading</u>
-1000	-980	1500	1500	6000	6010	14000	14030
0	0	2000	2000	8000	8020	16000	16040
500	500	3000	3010	10000	10025	18000	16040
1000	1000	4000	4010	12000	12025	20000	20030

Signed 

Date: 20 Apr 2022

DATE


19



MurfreesboroAviation.com Phone: 615-494-1900 K.M.B.T  
 Make: CESSNA Model: 177RG  
 Order No.: 122169  
 S/N: 177RG0429 Tach Time: 4622.60



Reg. No.: N20290  
 Completed: 04/20/22  
 TTAF: 4622.60

Performed Annual Inspection IAW FAR 43 appx D, referencing Cessna 177RG Manuals. ELT tested per 91.207d, no defects noted. ELT batteries due MAR 2029, remote switch battery due MAR 2030. Replaced both front seat rollers w/McFarlane Seat-KT-1. Pilot Side OB seat track replaced by UK Aero at this time, see adjacent log entry for details. Replaced engine shock mounts w/new Barry J-9613-59HA mounts. Replaced vacuum system filters w/new RAD9-14-5 and 3-5-1. Defueled aircraft, disassembled fuel selector. Replaced seals w/McFarlane FSS-KT-18 and 1216107-4, reassembled, reinstalled, leak and ops check ok. Cleaned mud wasp nest from tail bulkhead. Replaced frozen pulleys under rear seat floor area w/new S378-3L. Replaced pilot side aileron-rudder interconnect cable w/serviceable 2060020-109. Checked cable tension and operation of flight controls. Jacked aircraft, replaced NLG lower retract link bolts and bushings w/new NAS6205 bolts and NAS75-5-010 and NAS77-5-34 Bushings. Lubricated w/Mobile 33 grease. Cleaned and serviced wheel bearings w/Mobile SHC100. Checked retract and normal/emergency extension function, downlock rig and function, cycled gear 5x w/no defects. ICA CW: Challenger Air filter by cleaning, inspection, and re-oiling. Powerflow Exhaust System by disassembly, inspection, and lubrication of stacks, heat exchanger, and tailpipe/muffler. Reinstalled system IAW Powerflow documents. Tailbeacon ICA by checking 12 Month items as listed in Section 8 of UAV-1002112-001 REV C. AD's as follows:  
 AD 2011-10-09 Seat Tracks (6/17/11) by inspection, no defects noted. Next due 4722.6 TTAF  
 AD 17-16-01 Ameri-King ELT (10/24/17) by Inspection, no defects noted. Next due April 2023.  
 No other new/recurring AD's @ this time, see aircraft records for a complete listing.  
 I certify that this aircraft has been inspected IAW an Annual inspection and was found to be in an airworthy condition.  
 Austen Kiser  A&P 3745725 IA

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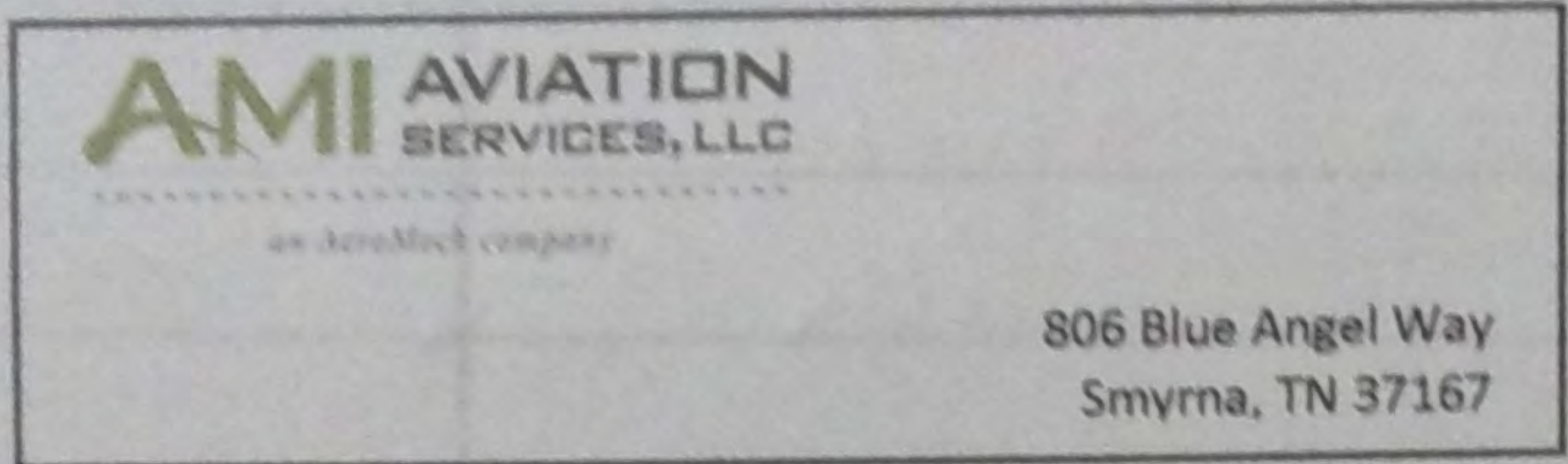
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other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

Model: 172RG  
 S/N: 172RG0429  
 Reg. No: N2029Q



Date: 05/27/2022  
 Tach: 4625.6

**Airframe**

**Maintenance Accomplished:**

**Major Alteration**

**Install GNS-530W GPS/NAV/COM.** The Garmin GNS 530W GPS/NAV/COM system was installed in compliance with Garmin GNS 500W Series Installation Manual P/N 190-00357-02 Revision: N, dated July 2021 and in accordance with STC SA01933LA-D. See 337 dated 05-27-2022.  
**Items removed:** King KX-170B NAV/COM; P/N 069-1020-00 S/N 22997, Bendix King KI-201C CDI; P/N 066-3008-02 S/N L1431, Apollo GX-155 GPS; P/N 430-6050-200 S/N 6005961, Davtron Digital VOR Indicator; P/N 902A S/N 675.  
**Items installed:** Garmin GNS 530W GPS/NAV/COM, 011-01064-40, S/N 78411255; Garmin GA 35 GPS ANT, 013-00235-00, S/N 212222.  
**Install G5 EHSI w/GAD 29D and G5 EADI.** The Garmin G5 EHSI and EADI Systems were installed in compliance with the Garmin G5 Electronic Flight Instrument Part 23 AML STC Installation Manual P/N 190-01112-10 Rev 29, dated December 2021 and in accordance with STC SA01818W. See 337 dated 05/27/2022.  
**Items removed:** Cessna Suction Gauge; P/N C668509-0101 S/N 61225, Cessna Vac Reg; P/N 2H3-16 S/N 4A11, Cessna Directional Gyro; P/N 1U262-001-13 S/N 78907D, Sigma-Tek Attitude Gyro, 23-501-06-16 S/N T8511N, Vacuum Filter, Vacuum Pump; P/N RAP215CC S/N A62119.  
**Items installed:** Garmin G5 EADI; P/N 011-03809-00 S/N 4JQ0059230, Garmin G5 Battery; P/N 011-03893-02 S/N EO38EQ05D0004, Garmin G5 EHSI; P/N 011-03809-00 S/N 4JQ060358, Garmin G5 Battery; P/N 011-03893-02 S/N EP29EP53D00A6, Garmin GMU 11 Magnetometer; P/N 011-04349-01 S/N 56J106505, Garmin GAD 29D Adapter; P/N 011-03236-21 S/N 6V9501287

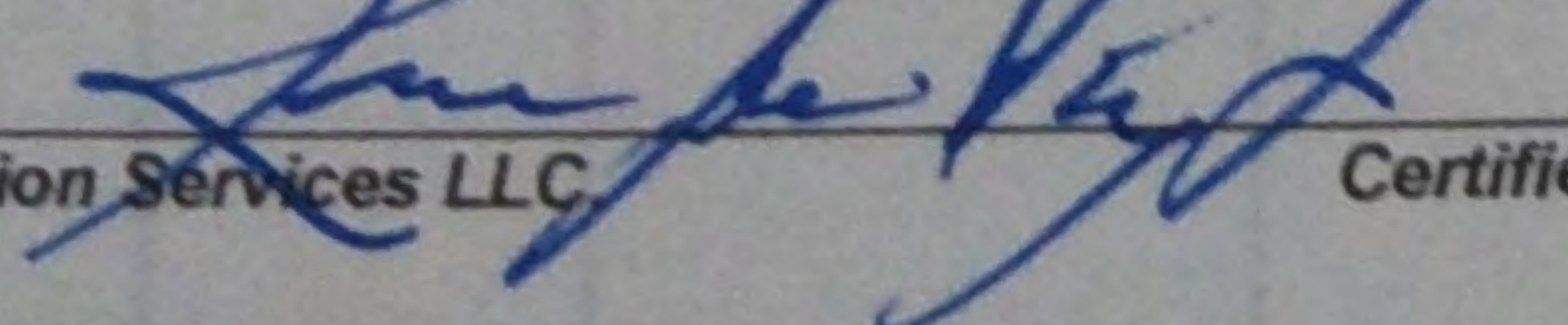
**Minor Alteration**

**Instrument Panel Modification.** Modified Pilots and Copilots instrument panels to accommodate new avionics installation. Ref: AC43.13-1B.  
**Install Glideslope Antenna.** Installed New Comant Glideslope antenna in the Cockpit overhead, System op checks good IAW Garmin GNS-500W series IM P/N 190-00357-02 and Ref: AC43.13-1B.  
**Items installed:** Comant Glideslope Antenna; P/N CI-193 S/N 1567, Comant Glideslope Coupler; P/N CI-503 S/N 669106.

**Maintenance**

**EDM-700 Inop.** Repaired shorted power wire and replaced fuse for EDM-700 Engine Monitor, system op checks good IAW JPI Installation Manual for the EGT-701 Report 103.  
**Excessive Static Leak.** Removed and replaced both static sump bottles and tightened several fittings, system leak checks good IAW AMM 34-00.

The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No. 101187.

Signed:   
 For: AMI Aviation Services LLC Certified Repair Station No 6A52818B

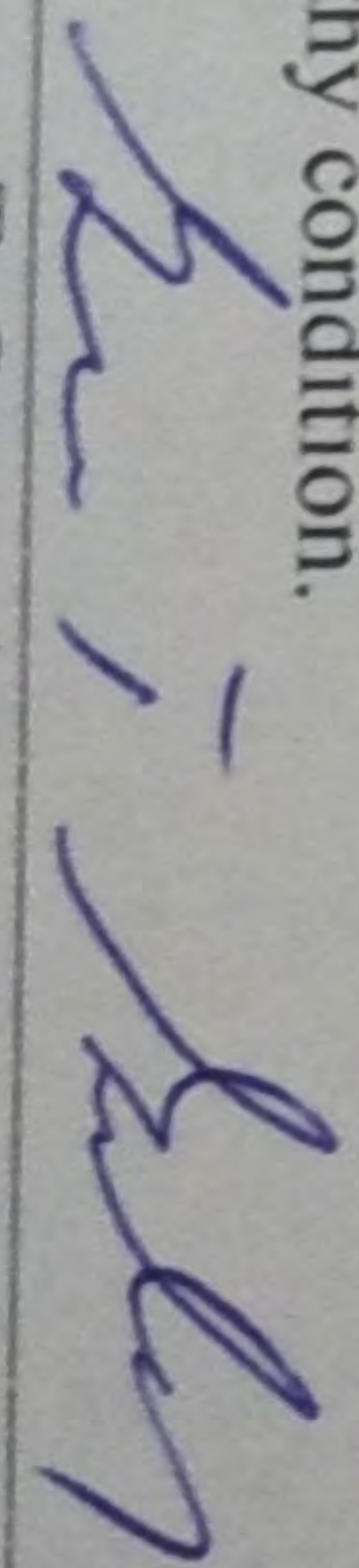




**Description of Inspections, Tests, Repairs and Alterations**  
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back cover for other specific entries.)

Tach: 4677.1      Direct Flight Solutions      N2029Q  
AFTT: 4677.1      760 Franklin Road  
Lebanon TN, 37087

Annual inspection completed using checklist as guide and in accordance with FAR part 43 appendix d and service manual. Lube aircraft and wheel bearings. ICAs completed as required for Garmin G-5s, GNS 530, JPI engine monitor, Power flow exhaust, Challenge air filter, Tail Beacon. ADs checked thru biweekly 2023-08. AD 11 10-09 seat track and pin inspection completed by visual inspection, 1 defect, next due in 100 hours at tach: 4777.1 or 04/28/2024 whichever comes first. AD 17-16-01 ELT quality standards Ameriking completed by inspection and functional check per IM-450, no defect at this time, Next due 4/28/2024. ELT batteries, expires Apr 2025. ELT check satisfactory in accordance with FAR 91.207(d) AD 2023-02-17 Carry thru spar due in 12 months or 200 hours from effective date 20 March 2023, due NLT 20 March 2024 or tach: 4871.0 whichever comes first. Serviced landing gear power pack reservoir with 5606. Serviced brake reservoirs with 5606. Landing gear retraction and extension checks satisfactory in normal 6 times and emergency 3 times. Removed all flap rollers, cleaned, inspected and replaced 2 each rollers/bushings and reinstalled. Cleaned flap tracks. Flaps ops check good. Replaced battery ground strap PN 0412007-1. Replaced 2 each S1917-1 relays (split buss and RG gear down) with relays PN 1432793-1 which meets or exceeds specs and a suitable sub and installed as a minor alteration due to unavailable parts in accordance with AC43-12B, Ops check satisfactory. Replaced rivet on left bottom of wing at main spar. Reset rudder trim wheel indicator pointer. Post inspection operational and leak checks completed on ground run. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

  
Gene T. Gracyalny      AP32270381A      04/28/2023  
DATE

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

Four Star Aero



Cessna 177RG

N2029Q

06/12/2023  
Tach: 4703.1

- 1. Removed RH wheel assembly from aircraft.
- 2. Removed and replaced tire on wheel assembly. Installed Michelin 15X600 tire.
- 3. Reinstalled RH wheel assembly on aircraft.

Joshua S. Jackson A&P2703524

Cessna 177RG

26JUL2023

SN: 177RG0429

N2029Q

Performed high frequency eddy current (HFEC) inspection of carry-thru spar in accordance with AD2023-02-17 and Textron Service Letter SEL-57-09R1, dated August 3, 2020; paragraph 7. No defects noted. See report: #23-002-1.

Kevin E. Fink FAA A&P 2854159

DATE 19 _____	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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Date: Aug. 29, 2023 Cessna 177RG N2029Q  
Tach: 4708.6 SN: 177RG0429

Under the direction and supervision of Benji J. Roemer 3443806

Removed left and right pilot seats. Removed headliner and required interior parts. Removed left and right lower wing root fairings. Removed left and right fuel vent line drains and cleaned. Disconnected overhead fresh air vent tubing. Removed overhead fuel vent lines inside the cabin. Cleaned carry-thru spar with Extreme Simple Green Aero cleaner. Prepared spar for eddy current test per AD 2023-02-17 and SEL-57-09(R1). Following eddy current test, prepared spar for application of protective coatings.

Spar cleaned with isopropyl alcohol. Applied Bonderite M-CR 1200 Aero conversion coating. Applied Alumigrip 10P8-11 epoxy primer. Applied Cor-Ban-23 corrosion inhibiting compound. Replaced fresh air vent tubing, fuel vent lines, headliner and interior parts. Replaced fuel vent line drains and safetied. Replaced wing root fairings. Replaced pilot seats.

Keith Hood PPL 4382676

Keith Hood

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

wo: BNA1143

Airframe - page 1 of 1



T&T Aviation · 1480 Murfreesboro Pike · Nashville, TN 37217 · 615-905-1734

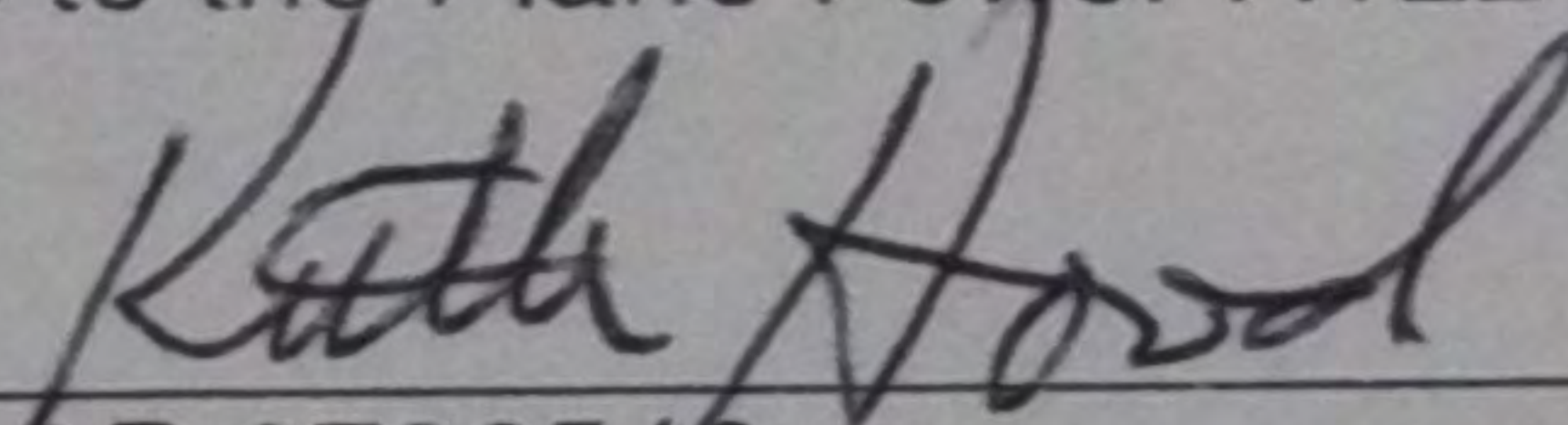
N2029Q

Cessna, 177RG, S/N: 177RG0429

March 11, 2024

Tach Time: 4799.3

1. **Verify flap rigging and operational checks** – Performed complete flap rigging procedure in reference to the C-177RG Maintenance Manual. Performed operational check of flap system. No defects noted. Found all flap deflections within allowable limits in full up, intermediate, and full down positions.
2. **Replace oil cooler hoses with new** – Removed and replaced both oil cooler hoses (supply and return) with new PN: S1236-C6-0296 and S1236-C6-0120 fabricated and tested by Aircraft Spruce. Performed operational and leak check, no defects noted. Work performed in reference to the C-177RG Maintenance Manual.
3. **Replace alternator regulator with new** – Removed and replaced alternator regulator with new Plane Power regulator PN: R1224 SN: H-X081797. Performed operational checks of charging system. No defects noted. Work performed in reference to the Plane Power R1224 regulator installation manual and the C-177RG maintenance manual.

Work steps 1 through 3 performed by Keith Hood 4382676   
(owner/pilot) under direct supervision of Timothy Jacobs A&P 3736548.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with T&T Aviation under work order: BNA1143.

Tim Jacobs A&P IA 3736548

DATE	RECORDING TACH TIME	TODAYS 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.)
19 _____				

Airframe · page 1 of 1

wo: BNA1118



T&T Aviation · 1480 Murfreesboro Pike · Nashville, TN 37217 · 615-905-1734

**N2029Q**  
Tac time: 4805.0

**Cessna, 177RG, S/N: 177RG0429**

**April 29, 2024**

– Washed aircraft. Depanaled wings and fuselage. Removed interior.

Inspected and tested ELT per FAR 91-207 D. No defects noted.

Researched AD's through the current bi-weekly period.

Complied with AD 2011-10-09 Seat Track Inspection. C/W by inspection. Next due 100 hour or annual inspection.

Lubricated nose gear torque links and flight control hinges.

Removed main landing gear wheels. Cleaned, inspected and repacked wheel bearings. Reinstalled wheels. Removed nose wheel. Cleaned, inspected and repacked wheel bearings. Reinstalled wheel.

Performed gear swing, no defects noted. Lubed landing gear.

I certify that this aircraft has been inspected in accordance with an annual inspection (Part 43 appendix D) and found to be in airworthy condition..

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with T&T Aviation under work order: BNA1118.

Doug Nehrbass A&P IA 2576751

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

**TOP GARMIN G5 - Primary TACH**  
**Altimeter / Static System Certification 4822.7**

**Merlin's Avionics Service**  
 Tel: (615) 305-1186  
 1045 RoundTree Drive  
 Gallatin, Tennessee 37066  
 FAA CRS #Z6MR586Y MAS Form #4

Work Order No. 1418 Acft.Reg.No. N2029Q  
 Acft Type C-177RG Altimeter Position #2  
 Altimeter P/N# GARMIN G5 S/N# \_\_\_\_\_  
 Date 6-10-24 Signed Merlin Guigly

Altitude	Reading	Tol	Altitude	Reading	Tol	Friction	Tol	Press	Diff. (Tol. 25 Ft.)
-1000	-1000	20	14,000	13980	100	1K	70	28.10	-1727 -1727
0	0	20	16,000	15985	110	2K	70	28.50	-1340 -1340
500	500	20	18,000	17980	120	3K	70	29.00	-863 -863
1000	1000	20	20,000	19980	130	5K	70	29.50	-392 -392
1500	1500	25	22,000		140	10K	80	29.92	0 0
2000	2000	30	25,000		155	15K	90	30.50	531 531
3000	3000	30	30,000		180	20K	100	30.90	893 893
4000	4005	35	35,000		205	25K	120	30.99	974 974
6000	6000	40	40,000		230	30K	140		
8000	7990	60	45,000		255	35K	160		
10,000	9990	80	50,000		280	40K	180		
12,000	11980	90				50K	250		

Hysteresis: 1st Test Point @ 50% of Max.Alt. (Tol. 75 Ft.) NA  
 2nd Test Point @ 40% of Max.Alt. (Tol. 75 Ft.) NA

Case Leak (FPM Tol. 100 Ft.) 0  
 After Effect (Tol. 30 Ft.) 0

This Altimeter / Static System meets the requirements of FAR 91.411 and FAR Part 43, Appendix E.



