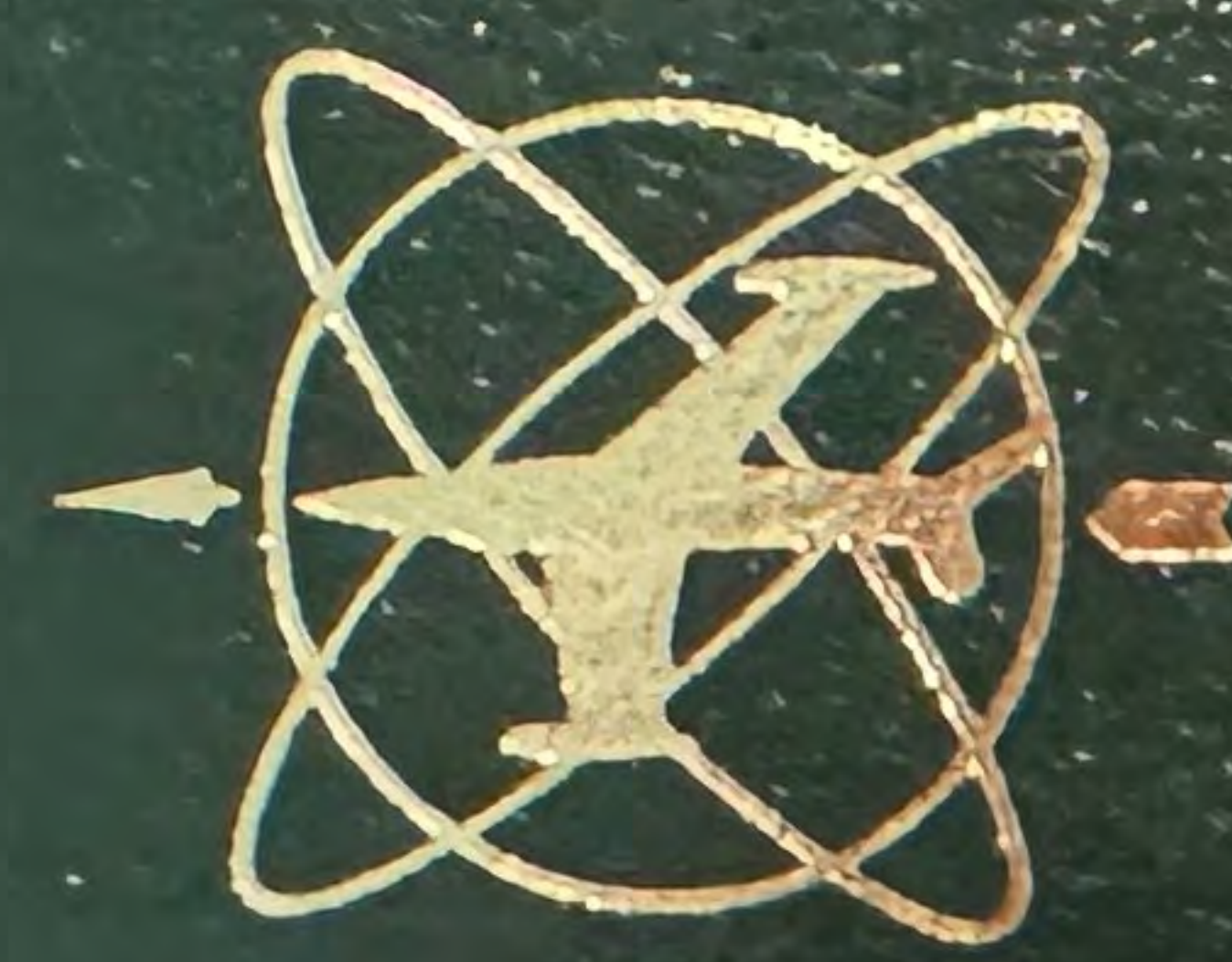


LOG #2
112911K



The Standard

AIRCRAFT LOG

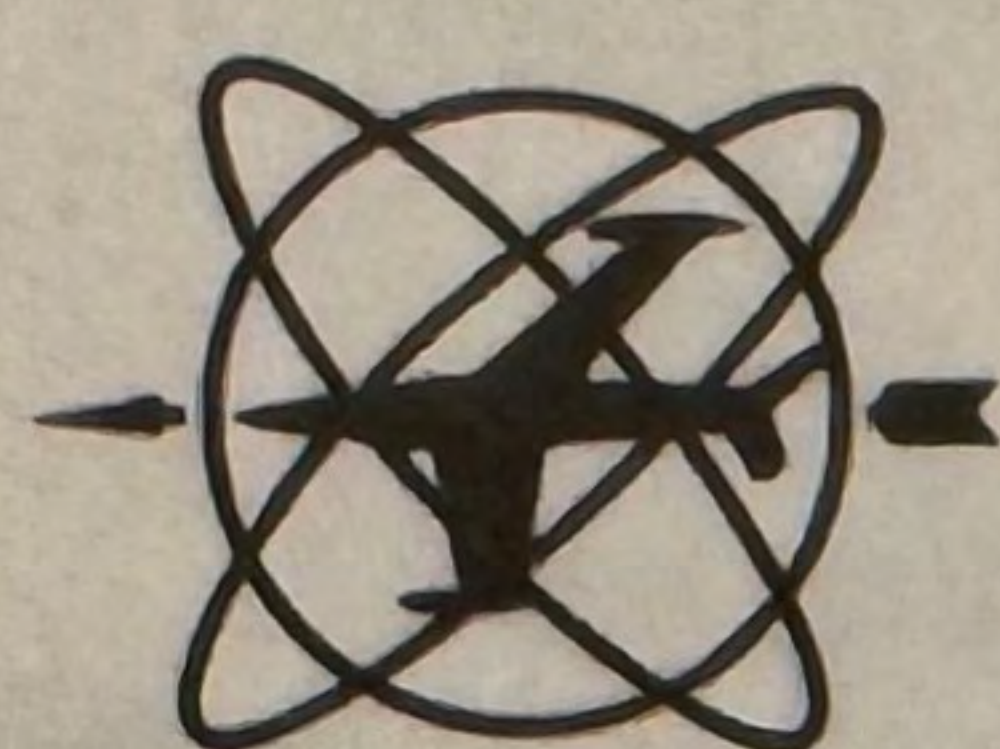
ASA-SA-1



The Standard

AIRCRAFT LOG

ASA-SA-1



The Standard

AIRCRAFT LOG

ASA-SA-1

The Standard Aircraft Log
SA-1

© 1993–2000 Aviation Supplies & Academics, Inc.

ISBN 1-56027-419-0
978-1-56027-419-3

ASA-SA-1

All rights reserved.
Reproduction or use, without expressed permission,
in any manner, is prohibited.

Published by
Aviation Supplies & Academics, Inc.
7005 132nd Place SE
Newcastle, WA 98059-3153
Website: www.asa2fly.com
Email: asa@asa2fly.com

Printed in the United States of America



P N R A S A - S A - 1

ISBN 978-1-56027-419-3



9 781560 274193

5 0 5 9 5



Aircraft Record General Information

Manufacturer Cessna Model 177RG
Serial 177RG 0736 Registration Number N29LK
Date of Manufacture 1975

Engine(s) currently installed:

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

Propeller(s) currently installed:

Manufacturer _____ Model _____ Serial _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

Registered Owner Record

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

Name _____ Address _____

City _____ State _____ From _____ To _____

NH

Notes

NEW LOG STARTED 10/13/07 THEN 1253 TTAF 1253

AMERICAN AVIATION

YEAR:	TOTAL TIME SERVED	REG. N29LK	HERNANDO COUNTY AIRPORT	W.O. 6603
DATE		MODEL 177RG	2495 BROAD STREET BROOKSVILLE, FLORIDA 34604	TACH 1235.0
		S/N 177RG0736	PHONE (352) 796-5173 FAX (352) 799-4681	HOBBS N/A
		DATE 7/20/2007	FAA REPAIR STATION #TZ4R562M	T.T.
		✈ REMOVED CESSNA INSTALLED SWITCHES AND AUDIO SELECTOR. INSTALLED P.S. ENGINEERING PM8000B S/N S03140. WIRED FOR FOUR PLACE ICS AND DUAL PTT. INSTALLED CI102 MARKER BEACON ANTENNA ON BOTTOM FUSELAGE. PERFORMED OPERATIONAL CHECK OF SYSTEM GOOD.		
		✈ REMOVED CESSNA RT328D S/N 5356 AND IND IN514R S/N 3390. INSTALLED GARMIN SL30 P/N 430-6040-303 S/N 25903786 AND GARMIN MD200-306 S/N F07-11529 AS #1 NAV/COM. PERFORMED OPERATIONAL CHECK GOOD.		
		✈ INSTALLED AUX ANTENNA SWITCH BOX. CONNECTED #2 COMM ANTENNA SYSTEM.		
		✈ INSTALLED AVIONICS MASTER SWITCH BREAKER IN CENTER PANEL LABELED "AVIONICS MASTER". OPERATIONAL CHECK GOOD.		

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current instructions contained in The Cessna 177RG m/m the maintenance rules of the F.A.R.'s under which the operator is certified and is approved for return to service as per these requirements. Pertinent details of the repair are on file at this agency under work order No. 6603.

Auth. Mach. William J. [Signature]

Auth. Insp. William J. [Signature]

MAINTENANCE RELEASE

UNIT NAME Starter SERIAL NO. A158716

PART NO. MZ 4222 MFG.: Prestolite

☒ OVERHAUL ☐ REPAIRED ☒ TESTED ☐ INSPECTED ☐ FUNCTIONAL TESTED

The Aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under work order # 7242.

OWNER: Aviation Plus DATE: 5-14-07 SIGNED FOR: Robert C. Bejn

R L B ACCESSORY SERVICE

971 Babbitt Avenue • Addison, Illinois 60101-1221

FAA Approved repair station # KB2R946K

Robert Russell 3997643171A

OPS.
TT. INSTALLED
ATIONAL CHECK
MIN SL30 PM
AL PERFORMED
ITEM
AVIONICS

once with
approved
on file at

YEAR: TOTAL
TIME IN
SERVICE

Current Weight and Balance Information

Aviation Plus LLC

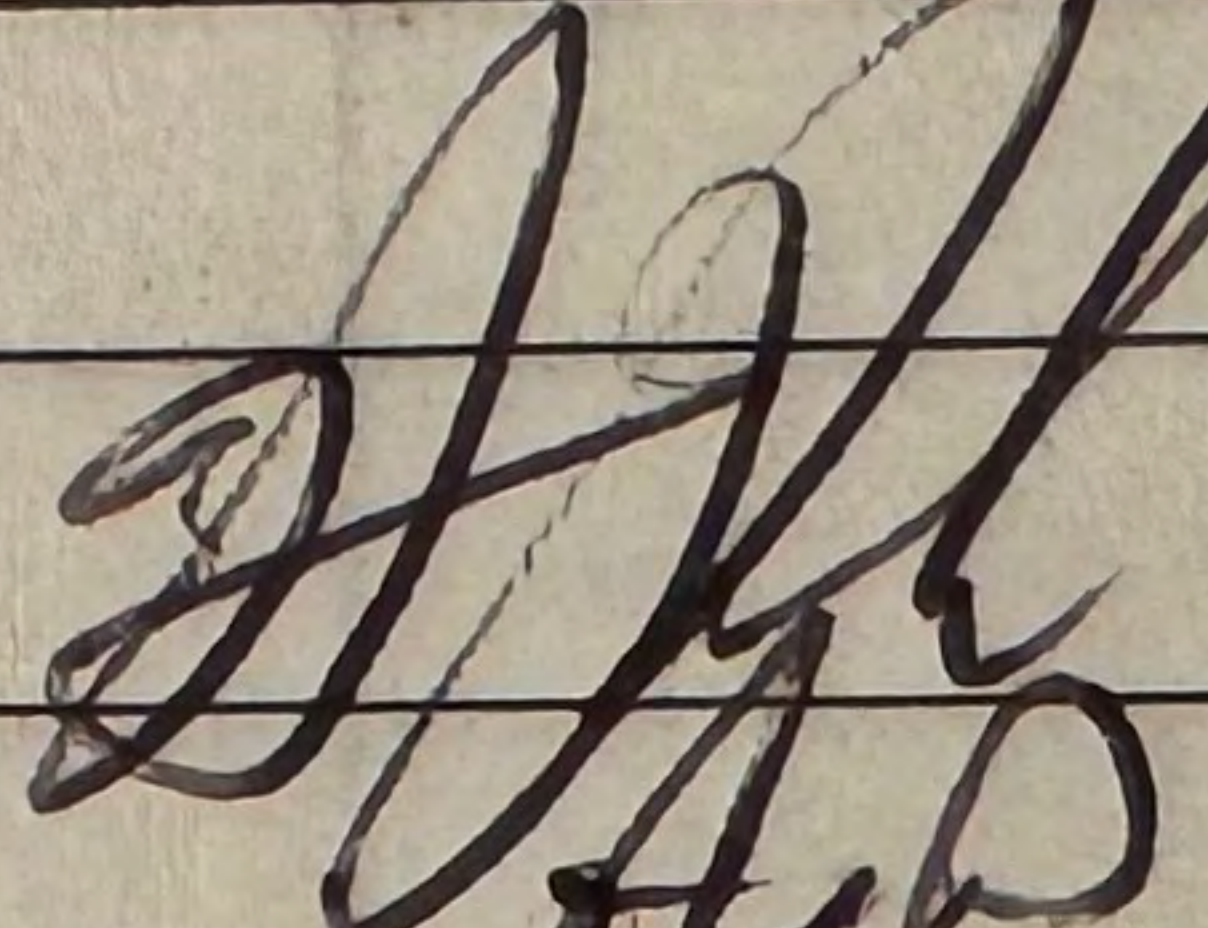
252-856-1260

aviationplusllc.com

N29LK 10/13/2007 Tach 1253 TTAF 1253

Tightened bolts in stabilator attach brackets and pivots. Replaced right gear leg brake o-rings. Replaced right brake pads. Repaired forward nose door and replaced grommet. Replaced gear motor endframe and brush assembly. Cleaned gear motor armature. Replaced nose downlock pad. Replaced oil cooler inlet seal. Rigged throttle microswitch cam. Replaced brushes in alternator. Replaced alternator belt. Replaced air filter element. Replaced starter w/overhauled unit from RLB Accessories, WO#7242. Cleaned fuel vent lines. Replaced fuel cap stem assemblies and shaft o-rings. Repaired compass light. C/W AD76-07-12, Bendix ignition switch, due 100 hrs. C/W AD87-20-03R2, seats and rails, due annually. ELT checked per FAR91.207(d). All routine items checked per inspection sheets. I certify that this airframe was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Robert Russell 3997643171A

YEAR: _____ 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.)
10/10/07				Installed wing mounted Convex mirror
Tach				for inspection of nose and main gear PFW
1244				STC SA 2791EE
				 A+P 32501382
2/28/08	Tach			Repair copilot's seat Back
	1271.8			

HOWARD KEECH
A+P 32501382 IA

RETAIN

AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

CRS# NV2R045L

3414 West 29th Street South Wichita KS 67217

1. Form Tracking Number

AH-11951

2. Work Order Number

WT-10491

3. Tests, Repairs and Alterations

with Name, Rating and Certificate Number of Technician or Repair

DATE

TIME

Reliable Aviation, inc.

6044 Vandenberg Hangar Lane, Tampa FL 33610

Vandenberg Airport (VDF) (813) 626-4884

N#: 29LK

S/N: _____

Tach: 1277

Removal and Replace Hyd Power

Pack PN 105932-1E SN AH11951

Severed with Hyd Fluid and

ops check good TEST Fly

JK

Name

32501382

A+P

4/20/08

Date

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.)
5/8/08	Tach 1280			Repair copilot's seat Back By weldon Pins and Tighten return spring HKh AP 32501382
7/20/08	Tach 1284			Install Monarch air and Development Fuel Caps FAW STC SA 2458CE, sealed cap and leak checked, See Form 337 for Details HKh AP 32501382

To: Same

769-0602

Waukegan, WI 53207

101 South Howell Avenue

FAA Approved Repair Station MTIR960J

OQLR736Y

09/03/08 1032

N Number

N29LK

Make

Cessna

Model

177RC

I certify that the **Static System checks** required by 14CFR FAR 91.411 have been performed this date and found to comply with FAR43 Appendix E.par.a.

Signed

[Signature]

I certify that the **ATC Transponder Tests and Inspections** required by 14CFR FAR 91.413 have been performed this date and found to comply with Far 43 Appendix F.

Signed

[Signature]

Transponder 1

RT 359A

Serial

11982

Transponder 2

ARE

Serial

I certify that the **Automatic Pressure Altitude Recording System Checks** required by 14CFR FAR91.217 and FAR91.411 have been performed this date and found to comply with FAR Appendix E, par. c.

Signed

[Signature]

Encoder 1

ACK A-30

Serial

98585

Encoder 2

Serial

I certify that this aircraft/component has been inspected in accordance with current FAA regulations and is approved for return to service. Details of repair are on file under this work order.

Signed

[Signature]

Altimeter Test Data per FAR 91.411 IAW FAR 43 Appendix E Par B

On Altitude LLC.
Repair Station

Work
Order #

1032

Date

09/03/08

Tail Number

N29LK

Position

PILOT

Altimeter
Mod/Type

UNTESTED
5934P-1

Serial
Number

N5423

Table 1

Table 2

ALT	TOL	IND	TEST	TOL	IND
-1,000	20	-5	CASE LEAK	+/-100	-20
0	20	-5			
500	20	0	HYSTERESIS TEST		
1,000	20	0	50% of Max ALT	75	+5
1,500	25	+5	40% of Max ALT	75	+5
2,000	30	+5	AFTER EFFECT	30	+10



TABLE 3

TABLE 4

FRICTION			BARO SCALE		
ALT	TOL	IND	HG	ALT	DIFF
10,000	80	-20	28.10	-1727	+3
12,000	90	-15	28.50	-1340	+15
14,000	100	-10	29.00	-863	-8
16,000	110	-15	29.50	-392	+13
18,000	120	-15	29.92	0	+10
20,000	130	-15	30.50	531	-6
22,000	140		30.90	893	-8
25,000	155		30.99	974	+1

Next Altimeter
Certification

Due

10/01/2010

...to other than normal
...agent, makes no express or implied warranty
...without limitation, condition, design, quality or capacity
...with the requirement of any law, rule, regulation or ordinance
...warranty registration card must be
...customer warranty card must be
...THE FORGOING WARRANTIES ARE IN LIEU OF ALL OTHER EXPRESS
...SPECIFICALLY LABELED AS "WARRANTIES OR GUARANTIES" AND FURTHER
...PARTICULAR PURPOSE. RAPCO SHALL NOT BE SUBJECT TO ANY OTHER
...OR ANY UNDERTAKINGS, ACTS OR OMISSIONS RELATING
...NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR
...OR WARRANTY, NEGLIGENCE OR OTHER TORT, OR ANY
...PUMP HAS BEEN DISASSEMBLED.

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.)
---------------------------	-------------------	-----------------------------	---

Aviation Plus LLC
262-656-1260
aviationplusllc.com

09/25/08 N29LK Tach 1300 TTAF 1300

Repaired alternate air door. Welded #1 exhaust stack. Replaced air filter. Replaced alternator belt w/correct Cessna belt. Replaced left heat muff inlet aeroduct. Replaced vacuum relief filter. Replaced nose downlock bumper strip. Replaced gear motor solenoid. Installed gear motor JPI Instruments Model 701, S/N 27439, with optional fuel flow, outside air temp, oil temp, RPM and manifold pressure sensors, filed 337. Replaced system battery w/Gill 35 battery. Replaced vacuum pump w/Rapco overhauled 215CC pump. Installed AeroTech Components Inc. inline air filter, filed 337. Repaired pilot's seat recline cylinder. Cleaned gascolator bowl of corrosion, replaced all gaskets. ELT checked per FAR91.207(d). C/W AD87-20-02R2, seats & rails, due annually. C/W AD76-07-12, ignition switch, due 100 hrs. C/W AD08-14-07, injector lines & supports, due 100 hrs/annually. All routine items checked as per inspection sheets. I certify this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.


Robert Russell 3997643171A

Fleet
free f
the d
satisf
shall
option
shall
cover
This
part o
Fleet
after
opene
This
no eve
damag
equip

1. Approving National Aviation
Authority / Country:
FAA/UNITED STATES

4. Organization Name
and Address:

Cessna
Cessna Parts
5800 E P

6. Item:

7. Description:

2 DIODE

13. Remarks:

AIRWORTHINESS A

1.

4.

14. Certifies the items identified above



Approved design data and are



Non-approved design data spe

6.

15. Authorized Signature:

Theresa A. Mavec

Name (Typed or Printed):

13. THERESA A. MAVEC

It is important to understand that the existence of this document alone does not constitute installation certification. In all cases where the user/installer performs work in accordance with the national regulations specified in Block 1, it is essential that the user/installer ensures that his/her aircraft is in accordance with the national regulations by the user/installer before the aircraft is released for flight.

FAA Form 8130-3 (6-01)

1. Approving National Aviation
Authority / Country:
FAA/UNITED STATES

2. AUTHORIZED RELEASE CERTIFICATE
FAA FORM 8130-3, AIRWORTHINESS APPROVAL

4. Organization Name
and Address:

Cessna Aircraft Company (PC4)
Cessna Parts Distribution Dept. 702
5800 E Pawnee, Wichita, KS 67218

6. Item:

7. Description:

8. Part Number:

9. Eligibility:

1 RELAY

9705-006-101

N/A

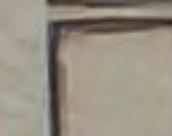
13. Remarks:

AIRWORTHINESS APPROVAL - PARTS. THIS FORM

14. Certifies the items identified above were manufactured in conformity to:



Approved design data and are in a condition for safe operation.



Non-approved design data specified in Block 13.

19. ☐ 14. C

Authorized Signature:

Theresa A. Mavec

16. Approval/Authorization Number

ODA-100129

7. Name (Typed or Printed):

THERESA A. MAVEC

18. Date (m/d/y)

SEP/30

User / Installer

It is important to understand that the existence of this document alone does not constitute installation certification. In all cases where the user/installer performs work in accordance with the national regulations specified in Block 1, it is essential that the user/installer ensures that his/her aircraft is in accordance with the national regulations by the user/installer before the aircraft is released for flight.

FAA Form 8130-3 (6-01)

* Installer must cross-check eligibility with applicable

number

70

Work:

lew

AL.

ified in block 13

rk identified in
accordance with
to that work.

al/Certificate No.

(m/d/y):

embly.
thority of the country
ie airworthiness

ertification issued in

NSN: 0052-00-012-9005

onside

rtific



YEAR

REG. N29LK

HERNANDO COUNTY AIRPORT

W.O. 7057

DATE

MODEL 177RG

2495 BROAD STREET

TACH 1351.5

BROOKSVILLE, FLORIDA 34604

S/N 177RG0736

PHONE (352) 796-5173

HOBBS

FAX (352) 799-4681

DATE 1/19/2010

FAA REPAIR STATION #TZ4R562M

T.T.

- ✈ REMOVED #2 NAV COMM AND INDICATOR . INSTALLED GARMIN GNS530W S/N S4135014 GA35 ANT S/N 55703 AND GI106 S/N E04-10605. SYSTEM INSTALLED IAW GNS530 I.M AND STC SA01933LA. INSTALLED FLIGHT MANUAL SUPPLEMENT IN P.O.H. REFER TO FAA FORM 337 DATED 1-19-10.
- ✈ RELOCATED SL30 AND MD200 INDICATOR TO #2 POSITION. PERFORMED OPERATIONAL CHECK OK.
- ✈ REMOVED ADF RECEIVER AND SENSE ANTENNA. FABRICATED COVER FOR RECEIVER HOLE. RELOCATED RT359A TRANSPONDER TO LOCATION OF REMOVED ADF RECEIVER AS #2 TRANSPONDER INSTALLED 1/2 TRANSPONDER SWITCH IN PILOTS PANEL IN LOCATION OF PREMARKED HOLE. PERFORMED OPERATIONAL CHECK OF TRANSPONDER.
- ✈ INSTALLED GARMIN GTX330 SN 84135014 AND ANTENNA P/N 104-12. GTX 330 INSTALLED IAW GARMIN INSTALLATION MANUAL AND WAS APPROVED PER FAA FORM 337 DATED 1-19-10. FAA APPROVED FLIGHT MANUAL SUPPLEMENT PLACED IN P.O.H. PERFORMED OPERATIONAL CHECK OF SYSTEM .SYSTEM MEETS REQUIREMENTS OF PART 43 APPENDIX F AND 91.413.
- ✈ INSTALLED FN200 FAN TO BOTTOM OF GTX 330 TRAY ASSEMBLY FOR RADIO FORCED AIR COOLING. WIRED TO THE AVIONICS BUSS VIA IN LINE FUSE LABELED " AVIONICS FAN". PERFORMED OPERATIONAL CHECK OK.

Cont on next page

YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
<i>Can't find DATE page</i>				Entries must be endorsed with Name, Rating and Certificate Number of Technician
	→			REMOVED T&B P/N 1394T100-3 (5R) S/N 1-7610-101. INSTALLED SERVICEABLE EXCHANGE SN:1-7610-101.PERFORMED OPERATIONAL CHECK OK.
	→			PERFORMED BENCH TEST AND REPAIR OF CESSNA 200 AUTOPILOT SYSTEM. REINSTALLED AND PERFORMED GROUND TEST USING #1 AND #2 NAV INPUTS AND BASIC A/P STEERING FUNCTIONS. SYSTEMS TEST OK.
	→			REMOVED RT359A, PERFORMED BENCH TEST AND CONFIRMED DISCREPANCY. DISASSEMBLED RT359A CLEANED WAFER SWITCH CONTACTS. PERFORMED BENCH CHECK AND ALIGNMENT. REINSTALLED RT359A IN AIRCRAFT AS #2 TRANSPONDER PERFORMED OPERATIONAL TEST PER FAR 91-413 AND PART 43 APPENDIX F.
	→			REPLACED BROKEN STATIC SUMP BOTTLE. PERFORMED STATIC LEAK TEST OK.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current instructions contained in

The Cessna 177RG M/M

the maintenance rules of the F.A.R.'s under which the operator is certified and is approved for return to service as per these requirements. Pertinent details of the repair are on file at this agency under work order No. 7057

Auth.

Insp.

[Signature]

YEAR:

RECORDING
TACH
TIMEHA
AIRCRAFT

9332 Van

Phone:

N:

29L

Aircraft ha
and painted
checked and

A.P.

22

Color:

Sn

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.)



9332 Vandenberg Airport Rd., Tampa, FL 33610

Phone: (813) 623-5819 Fax: (813) 626-7606

N: 29LK Hobbs Time: _____

Aircraft has been stripped, etched, alodined and painted. Flight controls were static balance checked and reinstalled.

A.P. [Signature] Date: 4-30-10

Color: <u>Snow White</u>	Code: <u>AF 400</u>
<u>Concord Blue</u>	<u>44431</u>
<u>Gold Metal</u>	<u>N8014</u>
<u>Cherry Red</u>	<u>M1151</u>

YEAR: _____ 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 Engineering, Inc.

Bldg. 434 Bartow Airport

Bartow Florida 33830

863.533.1870 FAA VF4R594M

DATE 5/14/2010

TACH: 1354

N29LK

AIRFRAME

WO# A 51024

- 1 INSTALLED NEW COMPASS. REVISED EQUIPMENT LIST. NO CHANGE TO WEIGHT AND BALANCE
- 2 REMOVED AND REPLACE LANDING GEAR NOSE SWITCH WITH NEW ASSEMBLY P/N 2070029-1. LUBRICATED GEAR. CYCLE TEST AND FLIGHT TEST
- 3 REINSTALLED CABIN DOOR CORRECTLY
- 4 RETORQUED STABILIZER MOUNT BOLTS TO SPECIFICATIONS
- 5 CLEANED AND LUBRICATED DOOR LOCK
- 6 LUBRICATED TOP AIR VENTS

THE AIRCRAFT, ENGINE(S), OR COMPONENT ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER A51024 DATE: 5/14/10 SIGNED

[Signature] FOR AIRCRAFT ENGINEERING, INC. #VF4R594M BARTOW
AIRPORT, BARTOW, FLORIDA 33830

1723

... r e e h s n e i s t a e n

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Entries must be e Facility. (See back
DATE				
	1377		1377	



Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow Florida 33830
863.533.1870 FAA VF4R594M

ANNUAL STATEMENT

Date 9/13/10
TAC 1377 Total Time 1377
I certify that this AIRCRAFT has been inspected in
accordance with an ANNUAL inspection and has
been determined to be in airworthy condition.
AD'S thru Card 2010-19 AD list back of log
book. For details work order # A91027
[Signature]
Bill Turley Signature #VF4R594M Inspector Rating



Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow Florida 33830
863.533.1870 FAA VF4R594M

DATE 9/13/2010
N29LK

AIRFRAME

TACH: 1377
WO# A 91027

- 1 ANNUAL INSPECTION COMPLETED
- 2 CLEANED AND PAINTED BATTERY BOX
- 3 ELT TESTED I/AW FAR 91.207(d). BATTERY DUE 3/12
- 4 ADJUSTED DOOR SEALS
- 5 REMOVED AND REPLACED PILOT'S VENT WINDOW SEALS WITH NEW
- 6 CLEANED BELLY FUEL DRAIN PLUNGER
- 7 REMOVED AND REPLACED RIGHT WING DRAIN WITH NEW
- 8 REWIRED COMPASS
- 9 AD 87-20-03 SEAT INSPECTION COMPLETED. FOUND OK
- 10 AD 76-07-12 SWITCH TEST COMPLETED. FOUND OK
- 11 SB 89-1 STABILIZER BALANCE ARM BRACKET INSPECTION FOUND ALL OK
- 12 REMOVED AND REPLACED PILOT'S DOOR TOP HINGE WITH NEW
- 13 INSTALLED NEW 500x5 6 PLY TIRE IN NOSE POSITION
- 14 REMOVED AND REPLACED FOUR PINS IN NOSE DOOR WITH NEW
- 15 REMOVED AND REPLACED GROUND TO LEFT NAV LIGHT
- 16 RESEALED TWO TOP CASE BOLTS
- 17 INSTALLED NEW DOOR HOLDERS, LEFT AND RIGHT. SEE 337 FOR DETAILS.
REVISED AIRCRAFT EQUIPMENT LIST AND WEIGHT & BALANCE.
- 18 ALL CONTINUING AIRWORTHINESS ITEMS CHECKED AND COMPLETED.

YEAR: 2010
REC TAC TIM

DATE 9/15/2010



MAC AVIONICS, INC.
FAA CRS# UM4R575M

3240 AIRFIELD DR E
LAKELAND, FL 33811
(863) 646-8790

I certify the altimeter, static system and altitude reporting test required by F.A.R. 91.411 and F.A.R. 43 Appendix E and F have been performed. The altimeter has been tested to 29000 ft.

Signature

Date

9/15/2010

Certificate#

UM4R575M

airs and
d Certific
s.)

9/15/2010



MAC AVIONICS, INC.
FAA CRS# UM4R575M

3240 AIRFIELD DR E
LAKELAND, FL 33811
(863) 646-8790

The transponder identified below was tested according to F.A.R. 91.413 and is approved for return to service. #1

MFR

GARMIN

Model

GTX 330

S.N.

84135014

Date

9/15/2010

Tech

[Signature]

Cert#

UM4R575M



MAC AVIONICS, INC.
FAA CRS# UM4R575M

3240 AIRFIELD DR E
LAKELAND, FL 33811
(863) 646-8790

The transponder identified below was tested according to F.A.R. 91.413 and approved for return to service. #2

MFR

ARC

Model

RT359A

S.N.

11982

Date

9/15/2010

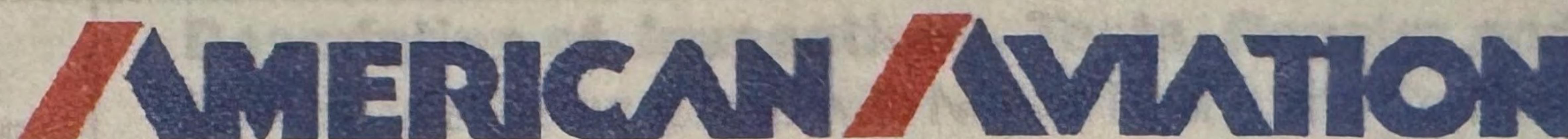
Tech

[Signature]

Cert#

UM4R575M

YEAR:	RECORDING
DATE	TOTAL
	TIME



REG.	N29LK	HERNANDO COUNTY AIRPORT	W.O.	7216
MODEL	177RG	2495 BROAD STREET	TACH	1399.5
S/N	177RG0736	BROOKSVILLE, FLORIDA 34604	HOBBS	
DATE	11/15/2010	PHONE (352) 796-5173	T.T.	
		FAX (352) 799-4681		
		FAA REPAIR STATION #TZ4R562M		

- ✈ REPAIRED #2 NAV INDICATOR DEFLECTION . BYPASSED A/P INTERFACE CONNECTOR. OPERATIONAL TEST GOOD.
- ✈ REMOVED AND PERFORMED BENCH TESTED ARC200B AUTOPILOT COMPUTER. DETERMINED UNIT DEFECTIVE. REINSTALLED UNIT. PULLED AND TIED CIRCUIT BREAKER.
- ✈ INSTALLED PLACARD "A/P INOP".

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current instructions contained in The Cessna 177RG M/M the maintenance rules of the F.A.R.'s under which the operator is certified and is approved for return to service as per these requirements. Pertinent details of the repair are on file at this agency under work order No. 7216.

Auth. Mach. [Signature]
Auth. Insp. [Signature]

YEAR:

DATE

REG. N29CK

MODEL 177RG

S/N 177RG0736

DATE 12/27/2010

AMERICAN AVIATION

HERNANDO COUNTY AIRPORT
2495 BROAD STREET
BROOKSVILLE, FLORIDA 34604
PHONE (352) 796-5173
FAX (352) 799-4681
FAA REPAIR STATION #TZ4R562M

W.O. 7241

TACH 1415.8

HOBBS N/A

T.T.

✈ REMOVED GNS530W S/N 23821689. INSTALLED LOANER S/N 23801743. PERFORMED OBS ALIGNMENT AND OPERATIONAL TEST. REMOVED LOANER AND REINSTALLED REPAIRED UNIT S/N 23801743. PERFORMED OBS CALIBRATION AND OPERATIONAL TEST OK.

MAINTENANCE RELEASE

The aircraft and/or component identified above was repaired and inspected in accordance with current instructions contained in

The Cessna 177RG SM
the maintenance rules of the F.A.R.'s under which the operator is certified and is approved for return to service as per these requirements. Pertinent details of the repair are on file at this agency under work order No. 7241.

Auth.

Insp.

William J. Hrus

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE	1430		1430	Entries must be entered in this Facility. (See back)



Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow Florida 33830
863.533.1870 IA #2104727

ANNUAL STATEMENT

N29LK

Date 3/17/2016

TACH 1430

Total Time 1430

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

AD'S checked thru CD 2016-05. AD list on file

For details see work order #A 21629

Bill Turley Signature Inspection Authorization #2104727



Aircraft Engineering, Inc.

Bldg. 434 Bartow Airport
Bartow Florida 33830
863.533.1870 IA #2104727

DATE: 2/22/2016

N29LK

AIRFRAME

TACH: 1430
WO# A 21629

- 1 ANNUAL INSPECTION COMPLETED
- 2 REMOVED & REPLACED ELT WITH NEW 406 S/N 251-02092. EQUIP. LIST REVISED
- 3 REMOVED AND REPLACED BATTERY WITH NEW P/N RG35AXC S/N 407785303
- 4 AD 76-7-12 SWITCH TEST COMPLETED
- 5 SB 89-1 STABILIZER BALANCE ARM BRACKET INSPECTION COMPLETED
- 6 AD 87-20-03 SEAT AND TRACK INSPECTION COMPLETED
- 7 REMOVED AND REPLACED LEFT AND RIGHT MASTER CYLINDER FLEX HOSES WITH NEW
- 8 REMOVED AND REPLACED VACUUM RELIEF FILTER WITH NEW
- 9 REMOVED AND REPLACED CENTRAL VACUUM FILTER WITH NEW
- 10 REMOVED AND REPLACED ALL BRAKE PADS WITH NEW P/N 66-105
- 11 REMOVED AND REPLACED LEFT AND RIGHT WHEEL CYLINDER O RINGS WITH NEW AND BLED SYSTEM
- 12 REMOVED AND REPLACED 3 NOSE SCISSOR LINK BOLTS WITH NEW
- 13 REMOVED AND REPLACED CENTER NOSE DOOR RUBBER BUSHING WITH NEW
- 14 REMOVED AND REPLACED LEFT AND RIGHT FUEL CAP O RINGS WITH NEW
- 15 CORROSION X FIN, RUDDER AND WINGS FOR PREVENTION
- 16 ALL CONTINUING AIRWORTHINESS ITEMS CHECKED AND COMPLETED

Technician or Repair

2.

AUT
FAA

4. Organization Name and Address:
ACR Electronics, Inc. 5757 Ravenswood Road, For

6. Item	7. Description	8. Part Number
1	ARTEX ELT 1000 BASE/WHIP/RM SW	

12. Remarks:

[illegible]

H NEW
EW

[illegible]

REPORT
of 406 MHz ELT testing

Report date: 2/22/2017

Date of testing: 2/22/2017

ELT IDENTIFICATION	
ELT Model:	A3-06-2749-1 rev E
ELT Serial No:	251-02092
ELT Issue date:	2/24/2012

ELT MESSAGE CONTENTS	Full Message: FFFED0D6E32493321D3F0F4CE38F000000000
	Message Format: Long
	User protocols or User-location protocols
	Beacon Identifier: ADC64926643A7E1
	Country code: United States of America (366)
	Aircraft Registration Marking: N29LK
	121.5MHz radio-locating transmitter: Yes
	Encoded position data is provided by external source
Latitude: North 120 degrees 0 minutes	
Longitude: East 0 degrees 0 minutes	

GENERAL ELT PARAMETERS	
Frequency of 406MHz channel, kHz:	406039.96
Power level in 406MHz channel, dBm:	28.5

ADDITIONAL ELT PARAMETERS	
Total transmission time, ms:	439.6
Unmodulated carrier time, ms:	439.6
Phase(+), degrees:	17
Phase(-), degrees:	11

VISUAL ELT PARAMETERS	
406 MHz Led:	Yes
State of Marking:	Good

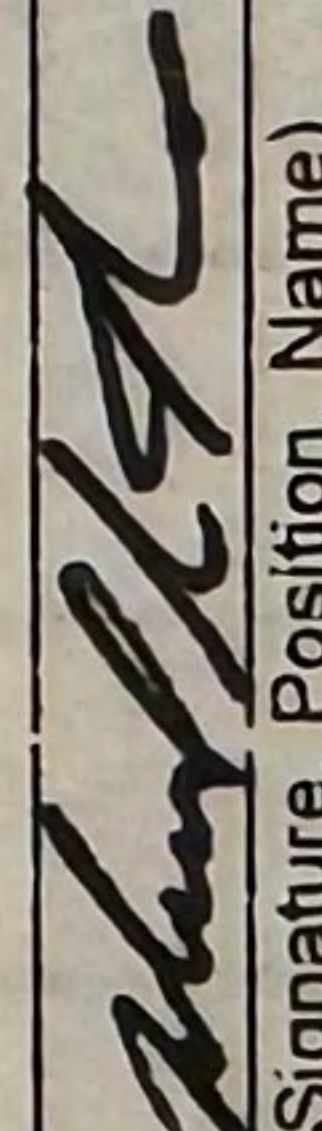
Date of next testing: 2/22/2018

Batteries replacement date: 2/21/2021

Tests are carried out by certified company:

The Ohio State University Airport,
2160 West Case Rd Columbus, OH 43235
Tel/Fax: 614-292-5033

NOTES:

Radioengineer  IKR028F
(Signature, Position, Name)
2/22/2017

s and Alterations

ertificate Number of Technician or Repair

YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of
-------	-------------------	-------------------	------------------	----------------



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 3/1/2018 Work Order #: AV01359 N#: N29LK

Aircraft Make/Model: Cessna 177RG Serial #: 177RG0736

Tach. Time: 1493.0 Aircraft total time: 1493.0

Aircraft Log:

1. Altimeter and Static System Tests required by FAR 91.411 have been performed IAW FAR 43, Appendix E, Para. A and B.
2. Automatic Pressure Altitude Reporting System tested as required by FAR 91.411 IAW FAR 43, Appendix E, Paragraph C.
3. ATC Transponder Tests and Inspections required by FAR 91.413 have been performed IAW FAR 43, Appendix F.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Altimeter P/N: 5934P-1	Altimeter S/N: N5423	Tested to: 20,000 FT.	Next Due: 03/2020
Encoder P/N: A-30	Encoder S/N: 98585	Tested to: 20,000 FT.	Next Due: 03/2020
Xponder P/N: GTX 330	Xponder S/N: 84135	Tested to: 20,000 FT.	Next Due: 03/2020

END

Signature: _____

for FAA CRS # IKBR028F



The Ohio State University Airport

The Ohio State University
2160 W. Case Rd. Hgr. 3
Columbus, Ohio 43235
CRS# IKBR028F

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

Scale Corrections for: N29LK		Altimeter Serial: N5423	
Test Points	Indicator Error	Test Points	Indicator Error
-1000	0	14,000	-38
0	-5	16,000	-40
500	-2	18,000	-45
1,000	-10	20,000	-45
1,500	-10	22,000	XX
2,000	-10	25,000	XX
3,000	-15	30,000	XX
4,000	-18	35,000	XX
6,000	-27	40,000	XX
8,000	-35	45,000	XX
10,000	-42	50,000	XX
12,000	-42		

Date: 3/1/2018

Technician: DRH

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 ack pages for other specific entries \
-------	---------------------------	-------------------	-----------------------------	---

D/



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 3/12/18

Work Order #: AV01359 N#: N29LK

Aircraft Make/Model: Cessna / 177RG

Serial #: 177RG0736

Tach Time: 1493.0

Aircraft Log:

1. Removed the GNS430W PN:011-01064-00 SN:23821689 for repair.
2. Installed the GNS430W PN:011-01064-00 SN:23821689 after repair from Garmin International Certificate No. G6XR582Y. The unit was reinstalled IAW Garmin 500W Series Installation Manual PN:190-00357-02 Rev M.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature:

for CRS# IKBR028F



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 3/12/18

Work Order #: AV01359 N#: N29LK

Aircraft Make/Model: Cessna / 177RG

Serial #: 177RG0736

Tach Time: 1493.0

Aircraft Log:

1. Removed the GNS530W PN:011-01064-00 SN:23821689 for repair.
2. Installed the GNS530W PN:011-01064-00 SN:23821689 after repair from Garmin International Certificate No. G6XR582Y. The unit was reinstalled IAW Garmin 500W Series Installation Manual PN:190-00357-02 Rev M.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature:

for CRS# IKBR028F

Tests, Repairs and Alterations

Rating and Certificate Number of Technician or Repair
entries.)

For CRS # IKBR028F

Signature: *[Handwritten Signature]*

☐ Other regulations specified in Block 12
Block 12, the work identified in Block 11 and described in
Title 14, Code of Federal Regulations, part 43 and in
return to service.

14c Approval/Certificate No.:

G6XR582Y

14e Date (dd/mm/yyyy)

07 Mar 2018

country specified in block 1, it is essential that
specified in block 1.

issued in accordance with the national

check eligibility with applicable technical data.

confor

13

13

ne does

nal regu
aircraft

ication.

and the
cellines

these 2

Altered unit for optimum performance. Master cleared

Total Time: 1492.9

Cessna / 177RG

Aircraft Log:

1. Complied with an Annual Inspection using Cessna 177RG AMM chap. 2 Inspection Guide Revision 8 dated 4/1/2012 and other current data.
 2. Complied with FAR 91.207 (c) & (d) ELT inspection. See report dated 03-11-2018 for details.
 3. Complied with AD 11-10-09 "Seat Track Wear & Pin Engagement". Next due @ 1592.9 hrs.
 4. Cleaned terminals on tail beacon & bulb, Applied ACF-50 to stop corrosion on terminals. Beacon lights normally.
 5. Installed new right landing bulb p/n 4509 (c of c) as per Cessna 177RG MM paragraph 16-56.
 6. Lubricated engine controls for smoother operation.
 7. Installed 7 new Cessna p/n J7444-14 (8130-3) cowlings shock mounts in place of de-bonding mounts.
 8. Cleaned connector to stall / gear warning unit for proper operation.
 9. Installed new ARB3-5-1 Vacuum relief valve filter (C of C).
- I certify that this aircraft has been inspected in accordance with **Annual** inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2018-05.

"Maintenance Release"

PERFORMANCE RECORD

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END.

Signature: Greg A. Lindlund for CRS# IKBR028F

For CRS# IKBR028F

Description of Inspections, Tests, Repairs and Alterations

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back page for details.)

YEAR:

DATE

AIRNET II, LLC

3041 George Page Jr Road Columbus, Oh. 43217

December 10, 2018 Cessna 177RG S/N 177RG0736 N29LK Tach 1510.7 WO 001794

AIRFRAME

1. Removed existing autopilot P/N 43615-1004 S/N 1201, computer amp P/N 43610-1000 S/N 710 and wiring as needed for avionics install. See FAA 337 dated 12/10/18.
2. Installed roll servo P/N 12V-60 S/N 18302012 per Vision PMA Autopilot 177 installation Appendix B C177 Rev. C of TruTrak Doc: 166 Rev. E Installation Guide for Vizion PMA Autopilot and STC# SA04231CH. See FAA 337 dated 12/10/18.
3. Installed Pitch servo P/N 12V-60 S/N 18302013 per Vision PMA Autopilot 177 installation Appendix B C177 Rev. C of TruTrak Doc: 166 Rev. E Installation Guide for Vizion PMA Autopilot and STC# SA04231CH. See FAA 337 dated 12/10/18.
4. Installed controller P/N VZN PMA F S/N 18288018 per Vision PMA Autopilot 177 installation Appendix B C177 Rev. C of TruTrak Doc: 166 Rev. E Installation Guide for Vizion PMA Autopilot and STC# SA04231CH. See FAA 337 dated 12/10/18.
5. Wired AP System per Vision PMA Autopilot 177 installation Appendix B C177 C Rev. C of TruTrak Doc: 166 Rev. E Installation Guide for Vizion PMA Autopilot and STC# SA04231CH. See FAA 337 dated 12/10/18.
6. Mounted Mid Continent TA-102 USB charging port P/N 6430102-1 S/N L18-10510 under aft seat IAW TA102 Installation Manual number 9017942 Rev. J January 4, 2017.

The aircraft Identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was determined to be airworthy for return to Service. Pertinent details of the repair are on file at this agency under work order listed above.

AirNet II, LLC BSYR610C Mark S. Fullen

1 of 2



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 03-25-2019

Work Order #: AMO9037

N#: N29LK

Aircraft Make/Model: Cessna / 177RG

Serial #: 177RG0736

Tach Time: 1520.0

Total Time: 1520.0

Aircraft Log:

1. Complied with an Annual Inspection using Cessna 177 RG Annual/100hr Checklist and other current data and maintenance required under Part 43.16 and 91.409.
2. Complied with AD 11-10-09 "Seat track Wear & Pin Engagement". Next due 1620.0 hrs. or 03-2020.
3. Complied with FAR 91.207 (d) "ELT Inspection" with no defects noted at this time. Next due 3/2020 with FAR 91.207 (c) Battery is next due 01-2022.
4. Serviced brake reservoirs with Mil-H-5606 hyd. fluid.
5. Adjusted gyro suction to 5" per Cessna 177RG AMM.
6. Replaced #1 exhaust clap bolt P/N AN3-3A (8130-3), nut P/N MS21045-3 (8130-3), and washer P/N NAS1149F0363P.
7. Tightened screws on main Electrical buss as required. Engine run-up was normal with no defects noted.
8. Ty-wrapped several wires under right side panel to stop contact with co-pilot's control yoke.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2019-06.

"Maintenance Release"

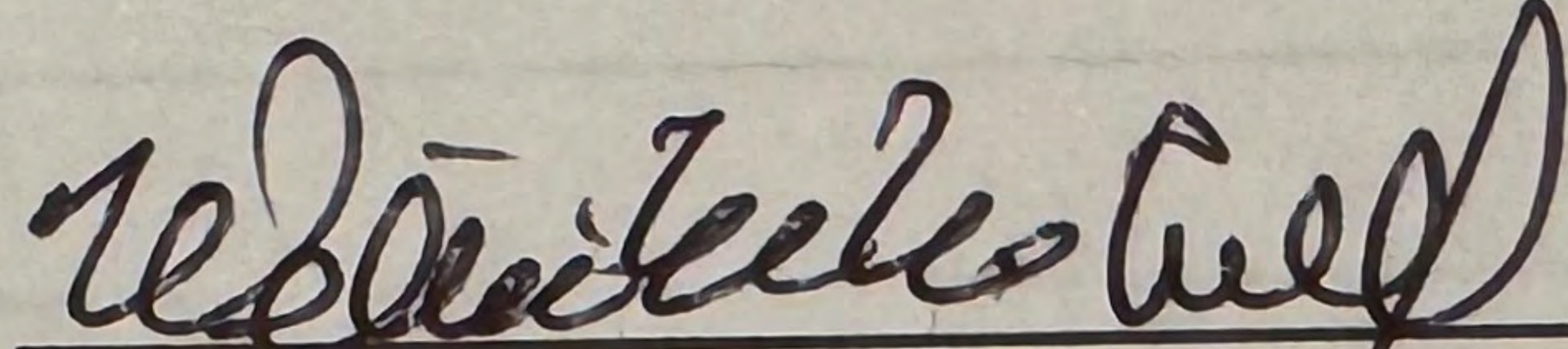
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

END

Signature:

[Handwritten Signature] for CRS# IKBR028F

Description of Inspections, Tests, Repairs and Alterations
tries must be endorsed with Name, Rating and Certificate Number of Technician
ility. (See back pages for other specific entries.)

YEAR: 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.)
				9-3-19 Logbook Entry for Cessna 177RG s/n 177RG0736 N29LK Removed Garmin GTX 330 Transponder. Installed Garmin GTX 345 Transponder with ADS-B in/out functionality. See FAA Form 337 with attached ICA for details.  William M. McConnell Mac-Michael Avionics Inc. GY5R900M.
				New A/C Empty Weight 11784.83 lbs. New A/C Empty C.G. 104.04 ins . New A/C Empty Moment 185699.6 in/lbs. New A/C Useful Load 1015.17 lbs.

YF

Transponder test required by FAR 91.413 has been complied with and meets the requirements of Part 43 Appendix F

Model GT8345

S/N 3E6429220

Date 9-3-18

Signed William K. Kull

Mac-Michael Avionics Inc.

CRS # GY5R900M

Encoding system test required by FAR 91.413 has been complied with and meets the requirements of Part 43 Appendix E (c).

Model A-30 S/N 98585

Date 9-3-18

Signed William K. Kull

Mac-Michael Avionics Inc.

CRS # GY5R900M

MMA-009 Form

Tests, Repairs and Alterations

ne, Rating and Certificate Number of Technician or Repair specific entries.)

Date:

Aircr

Tach

Air

1.

2.

3.

The a

in ac

airwo

this a

A

E

X

Signa

not

ect

Se

is

ei

4

lb

1

A

YEAR: RECORDING: TODAY'S: TOTAL: Description of



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 3/20/2020 Work Order #: AV01747 N#: N29LK

Aircraft Make/Model: Cessna 177RG Serial #: 177RG0736

Tach. Time: 1554.0 Aircraft total time: 1554.0

Aircraft Log:

1. Altimeter and Static System Tests required by FAR 91.411 have been performed IAW FAR 43, Appendix E, Para. A and B.
2. Automatic Pressure Altitude Reporting System tested as required by FAR 91.411 IAW FAR 43, Appendix E, Paragraph C.
3. ATC Transponder Tests and Inspections required by FAR 91.413 have been performed IAW FAR 43, Appendix F.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Altimeter P/N: 5934P-1	Altimeter S/N: N5423	Tested to: 20,000 FT.	Next Due: 03/2022
Encoder P/N: A-30	Encoder S/N: 98585	Tested to: 20,000 FT.	Next Due: 03/2022
Xponder P/N: GTX 345	Xponder S/N: 3EG029220	Tested to: 20,000 FT.	Next Due: 03/2022

END

Signature:

for FAA CRS # IKBR028F



The Ohio State University Airport

The Ohio State University
2160 W. Case Rd. Hgr. 3
Columbus, Ohio 43235
CRS# IKBR028F

Only those scale errors determined by the use of a master altimeter at the time this altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

Scale Corrections for: N29LK		Altimeter Serial: N5423	
Test Points	Indicator Error	Test Points	Indicator Error
-1000	0	14,000	-40
0	-10	16,000	-35
500	-10	18,000	-40
1,000	-15	20,000	-35
1,500	-10	22,000	XX
2,000	-10	25,000	XX
3,000	-20	30,000	XX
4,000	-20	35,000	XX
6,000	-20	40,000	XX
8,000	-30	45,000	XX
10,000	-35	50,000	XX
12,000	-40		

Date: 3/20/2020

Technician: DRH

26 ma fe d rtic or ec he st nd e use 1 b as ec mp

Y
D

YEAR: 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.)
---------------	---------------------------	-------------------	-----------------------------	--



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 3/24/2020 Work Order #: AV01747 N#: N29LK
Aircraft Make/Model: Cessna 177RG Serial #: 177RG0736
Tach Time: 1554.0 Aircraft total time: 1554.0

Aircraft Log:

1. Removed the RG58 coax from the Garmin SL30 to the #2 COMM antenna and replaced it with RG-400 in reference to the Garmin Model SL30NAV/COMM Installation Manual PN: 506-0404-03D Rev D June 30, 2012.

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature.

END

for FAA CRS # IKBR028F

YEAR:

THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526



THE OHIO STATE UNIVERSITY AIRPORT
2160 West Case road
Columbus, Ohio 43235-2526
CRS# IKBR028F

Date: 3-27-2020 Work Order #: AM09856 N#: 29LK
Aircraft Make/Model: Cessna 177RG Serial #:177RG0736
Tach Time: 1553.8 Total Time: 1553.8

Aircraft Log:

1. Comply with an Annual Inspection using Cessna 177RG AMM chap. 2 Inspection Guide Revision 8 dated 1/1/2012 and other current data.

2. Complied with Cessna SEL-57-09 Corrosion was found on the lower cap upper surface area was reworked IAW para B and was found to be within limits of table 2 area removed was .012 on the forward side just outboard on the left side. Spar carry thru had eddy current inspection performed as per Par 7. Eddy current work was performed by Aircraft Inspection Services Inc. CRS N3DR341N. Carry thru spar was treated with protective coatings as per service letter par 9-10.

3. Complied with AD 86-19-11 by draining fuel tanks no defects noted, ~~next due @ tach. 1653.8~~ PCW *me*

4. Complied with AD 11-10-09 by visual inspection of seats and rails no defects noted, next due @ tach. 1653.8 or 03/2021 whichever comes first.

5. Complied with AD 15-19-07 by visual inspection of fuel injection lines and clamps no defects noted, next due @ tach. 1663.8

6. Complied with AD 76-07-12 by functional check of ignition switch no defects noted, next due @ tach. 1653.8

7. Installed new right main tire P/N 156E66B1 S/N 92035843 (8130-3) and left main tire P/N 156E66B1 S/N 92035801 (8130-3) I.A.W. Cessna 177RG (1971-1975) Service Manual section 5.

8. Replaced Lt. MLG otbd bearing felt seal with new P/N 154-01300 (C of C).

9. Complied with FAR 91.207 paragraph (d), next due 03/2021 battery replacement due 1/16/2022.

I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. All applicable A.D.'s checked thru 2020-06

"Maintenance Release"

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

Signature: *Michael J. Kelly* END *for CRS# IKBR028F*

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



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

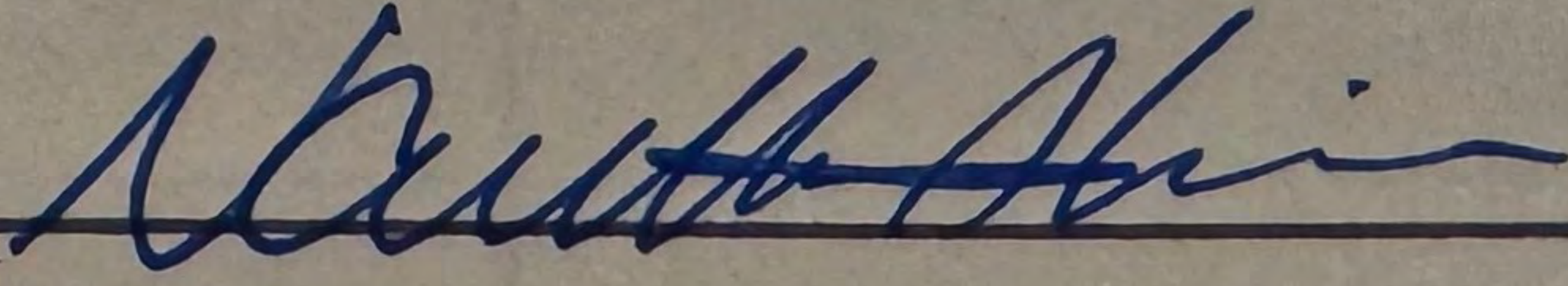
Model: CE-177
Tach T: 1554.0

Serial Number: 177RG-0736
Hobbs: N/A

Registration: N29LK
Work Order: B23275

Inspection Performed: Cessna Service Letter SEL 57-09

Performed eddy current inspection on the carry-thru spar lower cap upper surface after blending (Table 1 – Area 2) and the kick areas, NO CRACKS OR CORROSION NOTED. These examinations were conducted in accordance with Current Federal Aviation Regulations and Cessna Service Letter SEL 57-09 - 1) B. 7 and AMM 2A-13-01, and only that work is approved for return to service. Pertinent details of this inspection are on file at this Repair Station under Work Order: B23275

Certified Inspector: 
CRS Number: N3DR341N

Date: 27 MAR 2020

Date: 04/09/2021 **Hours:** AFTT:1623.2

Tail#: N29LK

Make: Textron (Cessna) **Model:** 177RG

S/N: 177RG-0736

ELT tested I/A/W FAR 91.207 paragraph "D". Battery next due 1/16/2022

Vacuumed FOD from under the floor

C/W AD 70-24-04 fuel shut off valve

C/W AD 11-10-09 Cessna seat rails

C/W AD 93-05-06 Ignition switch failure

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

All AD's current and C/W as of this date.

I certify this aircraft has been inspected in accordance with an annual inspection and is in airworthy condition.

Jeffrey Guy 2147901 AP/IA

Name: Joseph Rambosek

Co: Aero Precision Unlimited

Cert: AP 3761674

Sign: 

YEAR:

DATE

YEAR:

TOTAL
TIME IN
SERVICE

DATE

Reference of Major Repairs and Major Alterations To

FAA Form 337 by Date, or to the Work Order by Number and the Approving Agency

AIRNET II, LLC

3041 George Page Jr Road Columbus, Oh. 43217

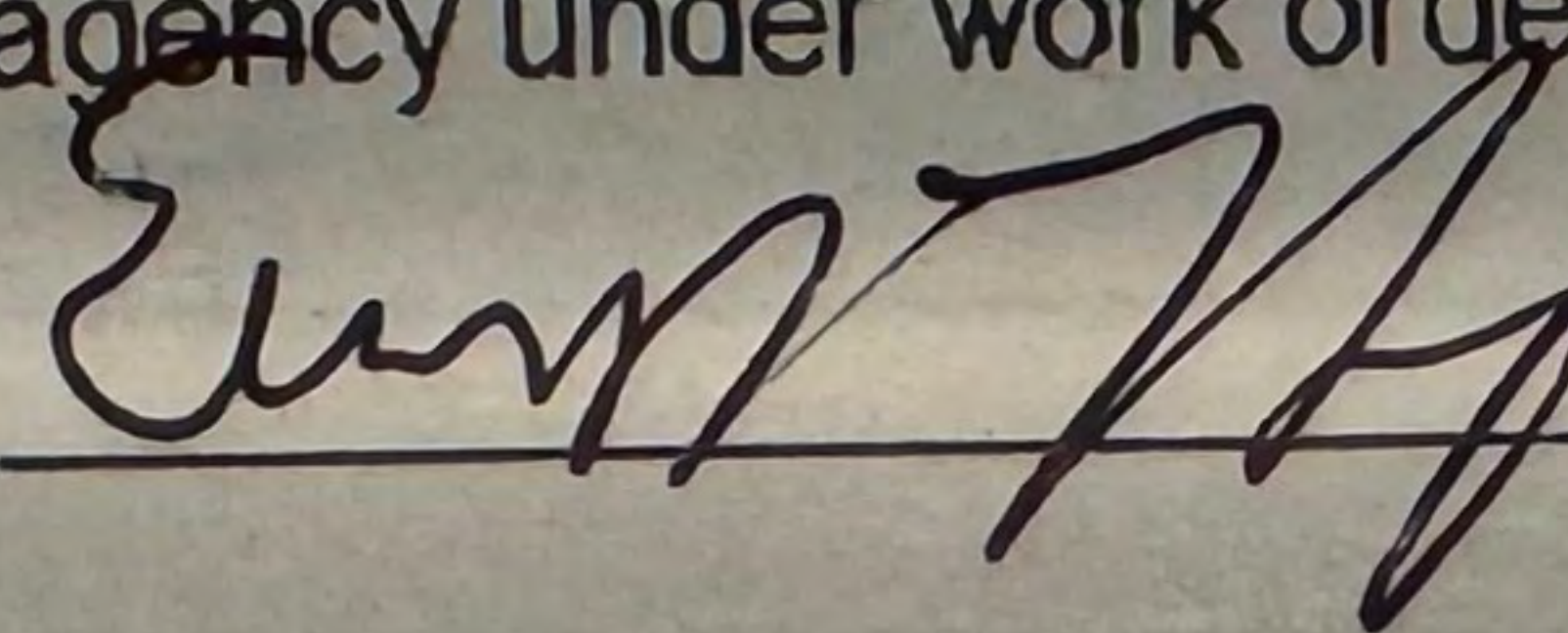
March 1, 2022 Cessna 177RG S/N 177RG0736 N29LK Tach 1659.3 WO 003645

AIRFRAME

1. Complied with 14CFR 91.411 Part 43 Appendix E, paragraph a, on aircraft static system. All tests serviceable. **Next inspection due 03/2024.**
2. Complied with 14CFR 91.411 Part 43 Appendix E, paragraphs a, b, & c, on altimeter P/N 5934P-1A.63 S/N N5423. See Altimeter Test Information sheet for details. All tests serviceable. **Next inspection due 03/2024.**
3. Complied with 14CFR 91.413 Part 43 Appendix F in aircraft using the IFR 6000 on transponder P/N 011-03302-00 S/N 3EG028220. All tests serviceable. **Next inspection due 03/2024.**

The aircraft Identified herein was repaired and inspected in accordance with current Federal Aviation Regulations, and was determined to be airworthy for return to Service.
Pertinent details of the repair are on file at this agency under work order listed above.

AirNet II, LLC BSYR610C Eugene D. Haney



Page 1 of 1



Aero Precision Unlimited
1075 Pittsburgh Dr.
Delaware Ohio 43015
9372090962

Make: Textron (Cessna)

Model: 177RG

Tail: N29LK

S/N: 177RG-0736

Hours: AFTT: 1660.2 Tach: 1660.2

Performed annual inspection I/A/W FAR 43.13 Appendix "D", Cessna 100 series MM D991-13: Revision - 3, Revision Date - Sep 1, 1974 Section 2.

Performed a pre maintenance run up / ops check of aircraft and systems

Lubricated flight controls, engine controls, pulleys, rod end bearings, hinges.

Removed ELT, Replaced ELT with new P/N: 452-6504-1. Tested ELT I/A/W FAR 91.207 para "D". Next ELT battery Due Feb 2028.

Jacked aircraft, removed wheels (3), removed wheel bearings, cleaned, inspected and serviced with new grease.

Cleaned and greased landing gear

Performed 2 gear retractions with one emergency extension, noted a faulty landing gear breaker in the process.

Removed 30 amp landing gear breaker, Installed new TE P&B 30 amp circuit breaker P/N:W23-X1A1G-30, conducted 3 more landing gear extensions and retractions.

Replaced inline instrument vacuum air filter P/N:RA2J4-6

Removed broken battery box lid, replaced with new from McFarlane Aviation P/N: K0512167-27 with an 8130-3

Installed new induction air filter, P/N: BA-5710

Removed broken aluminum baffle around cylinder #2, Repaired and re-installed

Removed oil suction screen, inspected for debris, nothing of notable size or quantity noted, cleaned, re-installed with new crush gasket P/N: 06E19769-1.00 and safety wired.

Removed and replaced 3 leaking exhaust gaskets on cylinders #1, #3 and #4. P/N: 77611

Removed INOP beacon light, Installed new Whelen OR36S1N Red/White split LED beacon 14 VDC light, P/N:01-0772010-70

Left NAV light was INOP, removed wing tip, round broken ground wire to light assembly, re-soldered ground wire to light assembly

Performed a post maintenance run up / leak check / ops check, all "OK" at this time.

All AD's current and C/W as of Small Aircraft, FAA BLM Weekly 2022-06, 02/28/2022 - 03/13/2022

I certify this aircraft has been inspected in accordance with an annual inspection and is in airworthy condition at this time.

Jeffrey Guy A&P 2147901 I/A

Signed:

Name: Joseph Rambosek

Cert: AP 3761674

Date: 03/18/2022

YEAR: A.D.
NUMBER

DATE

[illegible]

YEAR:	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
DATE			AIRFRAME
	907 Aviation LLC. 1075 Pittsburgh Dr. Delaware Ohio 43015 9372090962		Make: Textron (Cessna) Model: 177RG Tail: N29LK S/N: 177RG-0736
	Hours: TT: 1680.7		
	Battery power to Master Contactor Wire found secured to motor mount using non-insulated clamp. Removed clamp and replaced with new padded clamp on motor mount. Blade Connectors on Rotating Beacon CB found burnt. Replaced using new (Blue 16-14 AWG) connectors. Installed Reiff Engine Pre heater P/N: SL4 Garmin 496 Power Cable removed and replaced with new owner supplied Garmin Power Data Cable. Replaced shoulder seat belt bushings at lap belt connection		
	Signed: <i>Joseph B. Rambosek</i>		Cert: AP 3761674
	Name: Joseph Rambosek		Date: 10/04/2022

207 AVIATION

Hours: TT

Performed
 Date - Sep
 Airframe du
 inspected a
 Removed B
 Excessive
 using manu
 Removed i
 Installed ig
 form 8130-
 Removed f
 accordanc
 date.
 Placed air
 extensions
 and norma
 Lap
 wh
 n



907 Aviation LLC.
1075 Pittsburgh Dr.
Delaware Ohio 43015
9372090962

Make: Textron (Cessna)

Model: 177RG

Tail: N29LK

S/N: 177RG-0736

Hours: TT:1698.5 AFTT:1698.5

Performed annual inspection I/A/W FAR 43.13 Appendix "D", Cessna 100 series MM D991-13: Revision - 3, Revision Date - Sep 1, 1974 Section 2.

Airframe due for lubrication. Airframe opened for inspection. All cables, chains, pulleys, bell cranks, and torque tubes inspected and lubricated.

Removed ELT, Tested ELT I/A/W FAR 91.207 para "D". Next ELT battery Due Feb 2028.

Excessive oil leak from sump quick drain. Sump drain removed and replaced with new Saf-Air P5000 Oil Drain Valve using manufacturer instructions as guide and secured with lock-wire.

Removed ignition harness from aircraft to be sent to Kelly Aero for overhaul, no data tag noted on harness at this time. Installed ignition harness after return from overhaul at Kelly Aero, P/N:10-821414-8, No serial number listed on FAA form 8130-3.

Removed factory induction air filter assembly, Installed STC#SA01669CH (Challenger Induction Air Filter Assembly) in accordance with Document #4003 Revision E dated May 5, 2010. Weight negligible. FAA 337 completed and filed this date.

Placed aircraft on jacks, jacked aircraft until 19 inches above ground at bottom of MLG tires, Performed 3 normal gear extensions & retractions with aircraft connected to ground power. Performed 2 emergency extensions without incident and normal operations.

Landing Gear due for service. Aircraft jacked. MLG and Nose Wheels removed from aircraft. Bearings removed from wheels, cleaned and inspected. Bearings repacked with grease and reinstalled. Wheels reinstalled on aircraft using new cotter pins. All grease points cleaned, inspected, and serviced with new grease.

Serviced left brake reservoir with MIL-5606 and bled brake system of air.

Removed magneto, sent to Kelly Aero for overhaul. Installed overhauled magneto, P/N:10-682555-11, S/N:L-04142 with an FAA form 8130-3

Navigation lights inoperable. Navigation light switch removed and replaced with new switch PN: TA201-TW

Installed STC#SA03623AT in accordance with document number PFS-13752-00, Revision F, Dated April 19, 2019,

Aircraft Applicability; Cessna 177RG (Cardinal RG), Cessna F177RG (Reims)

Weight and balance updated this date, Removed OEM exhaust system, 22 pounds from station 45.7, Installed

Powerflow Exhaust System, 24 pounds at station 40.3.

New weight and balance calculated and placed in POH.

Performed a post maintenance run up / leak check / ops check, all "OK" at this time.

All AD's current and C/W as of Small Aircraft, FAA Biweekly 2023-14, 06/19/2023 - 07/02/2023

I certify this aircraft has been inspected in accordance with an annual inspection and is in airworthy condition at this time.

Jeffrey Guy A&P 2147901 I/A

Signed:

Name:

Joseph Rambosek

Cert: AP 3761674

Date: 07/15/2023

YEAR: DATE	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange				
		Item	Manufacturer's Name	Model	Serial Number	
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional

YEAR: _____ DATE	TOTAL TIME IN SERVICE	Equipment Addition, Removal or Exchange				
		Item	Manufacturer's Name	Model	Serial Number	
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional
						☐ Addition of Optional Equipment ☐ Removal of Optional Equipment ☐ Addition of Required-Exchanged for Optional ☐ Removal of Required-Exchanged for Optional

Notes

