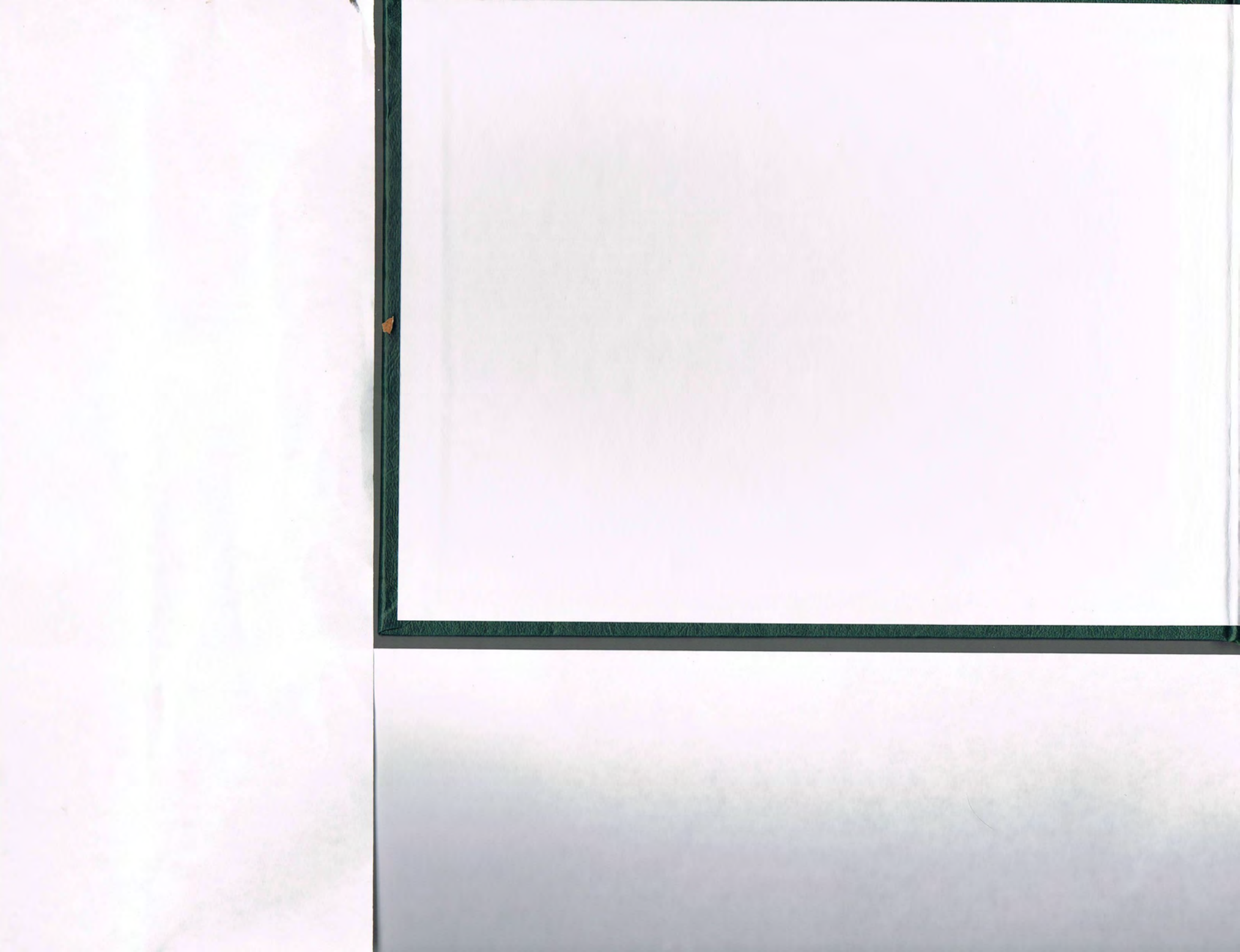


CESSNA 177RG
N52046 LOG# 3

The Standard
 **AIRCRAFT LOG**

ASA-SA-2





The Standard

AIRCRAFT LOG

ASA-SA-2

The Standard Aircraft Log
SA-2

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ASA-SA-2

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P N R A S A - S A - 2

ISBN 978-1-56027-117-8



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5 1 2 9 5

Aircraft Record General Information

Manufacturer CESSNA Model 177RG
Serial C177RG1152 Registration Number N52046
Date of Manufacture _____

Engine(s) currently installed:

Manufacturer LYCOMING Model J0-360-A136D Serial L-16960-51A
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

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

THIS LOG STARTED ON 11-19-10 Tach: 2003.3 TTSAME
Jeffrey [Signature] N52046

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE: 11/19/10 AIRCRAFT: N52046 Tach: 2003.30 Hrs. TOTAL: 2003.30
Cessna 177RG S/N 177RG1152

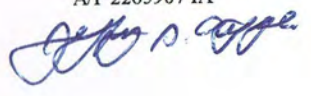
Inspected aircraft as required by FAR91.409 per inspection requirements of FAR 43 App.D.

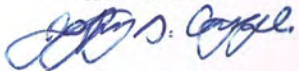
TYPE INSP. ANNUAL ADS CHECK THRU 2010-23
 ELT 01/2012 FAR 91.207 PLACARDS & MARKINGS ✓
 TRANSPONDER Due 10/20011 ENCODER Due 10/2011

ADS.C/K : AD 87-20-03R2 Seat tracks & seat pins due every 100 Hrs. par. Note (1) & (2) due again
Tach: 2103.30 Hrs., AD 93-05-06 Gerdes Ignition switch P/C/W due again AFTT: 3922.60 Hrs. AD 08-
10-02 No other Ads due this time or Date.

I certify that this AIRCRAFT has been inspected in accordance with a ANNUAL inspection
 and found to meet the requirements for continual airworthiness this date.

Sheridan Aviation LLC
 (317)-758-4161

JEFFREY G. APPLE
 A/P 2265907 IA


YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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>
				<p>DATE:11/19/10 AIRCRAFT: N52046 Tach: 2003.30 Hrs. TOTAL:2003.30 Cessna 177RG S/N 177RG1152</p> <p>Work Performed during Inspection:</p> <p>CLEANED ✓ GEAR RETRACTION <u>CAW</u> REMOVED INSP. PLATES ✓ FUEL SYSTEM ✓ CK. CONTROLS ✓ & LUBED CK. STRUTS & BRAKES ✓ ELECTRICAL SYSTEM ✓ SKIN or FABRIC ✓ CLEANED & RELUBED WHEEL BEARINGS ✓ SERVICED HYD. SYSTEM ✓</p> <p>All inspection plates, access doors, and Fairings reinstalled. All controls Ck. From the cockpit for direction & smooth operation and at the control for attachment. Replaced airfilter P/N 5705 Cleaned corrosion from main battery Gnd. cable. Serviced main battery, Replaced Both Taxi & Landing light lamps (NEW) Parmetheus LED , Taxi Lamp P/N: 01-0771424-15, & Landing Lamp P/N: 01-0771424-10. New hardware installed as needed.</p> <p>Sheridan Aviation LLC (317) -758-4161</p> <p style="text-align: right;">JEFFREY G. APPLE A/P 2265907 IA </p>

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

Altimeter United S/N 98154

Test Equipment	Tolerance	Aircraft
-1000	20	-1000
0	20	+0
500	20	500
1,000	20	1005
1,500	25	1500
2,000	30	2000
3,000	30	3000
4,000	35	4005
6,000	40	6000
8,000	60	8000
10,000	80	10005
12,000	90	12000
14,000	100	14000
16,000	110	16000
18,000	120	18000
20,000	130	19990
22,000	140	-----
25,000	155	-----
30,000	180	-----
35,000	205	-----

I Certify that the altimeter and static system tests required by FAR 91.411 have been performed. The Altimeter was tested to 20,000 Feet on 11/16/11 W. O. 6510

Ed Hobelman
Ed Hobelman CRS MYNR748K



MONTGOMERY
AVIATION, INC.
11329 East State Road 32
Zionsville, IN 46077
317-769-4487

Certified Repair Station No. MYNR748K

Appendix E and
Compliance with
d/or component

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE: 02/01/13 **Aircraft:** N52046 **TACH:** 2038.80 Hrs. **TOTAL:** 2038.80

CESSNA 177RG S/N 177RG1152

Inspected Aircraft as require by FAR 91.409 per the Scope & Detail of FAR 43 App. D.

TYPE INSP: ANNUAL **ADs CHECK THRU:** 2013-03

ELT: 02/2014 **FAR 91.207** X **TRANSPONDER:** 11/16/11

ADs C/W: AD 11-10-09 Seat Track & seat pins (DUE) Visual par. Note (1) & (2) , due every 100 Hrs. due again Tach: 2138.80 Hrs.. AD 93-05-06 Gerdes Ignition switch P/C/W (DUE) again AFTT: 3922.60 Hrs.

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and found to be in Airworthy Condition date.

SHERIDAN AVIATION LLC
27045 JERKWATER RD
SHERIDAN, IN
317-758-4161

JEFFREY G. APPLE
 2265907 IA

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

July 26, 2013 N52046 M/N 177RG S/N 177RG1152 Tach. Time 2051.1

Installed new vacuum pump s/n 911802 using new gasket. Run-up and operational checks good.-----END-----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order **7412**.

Paul W. Enlow

Paul W. Enlow
Repair Station MYNR748K

MA MONTGOMERY
AVIATION, INC.
11329 East State Road 32
Zionsville, IN 46077
317-769-4487

Certified Repair Station No. MYNR748K

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1. Approving National Aviation Authority / Country : FAA / UNITED STATES		2 AUTHORIZED RELEASE CERTIFICATE FAA FROM 8130-3, AIRWORTHINESS APPROVAL TAG			3 Form Tracking Number: AA I9118-0000	
4. Organization / Name and Address Aero Accessories, Inc. 1240 Springwood Avenue, Gibsonville, NC				5. Work Order / Contract / Invoice Number: I9118-0000		
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Serial / Batch Number	12. Status / Work
1	Dry Air Pump	215CC	N/A	1	911802	OVERHAUL
13. Remarks OVERHAULED IAW ONE OF THE FOLLOWING FAA APPROVED PROCESSES: 203-6-1009, 203-6-1010, 203-6-1011, 203-6-1012 CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12/13 WAS CARRIED OUT IAW FAR 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE FOR WORK PERFORMED UNDER EASA ACCEPTANCE CERTIFICATE NUMBER EASA 145.5682						
		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return To Service <input checked="" type="checkbox"/> Other Regulation Specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
		20. Authorized Signature <i>Mitchell Murphy</i>		21. Approval/Certificate No: YV4R688M		
		22. Name (Typed or Printed) Mitch Murphy		23. Date (M / D / Y) 03/14/2012		
User / Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component/ assembly. Where the user / installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in Block 1. It is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts / components/ assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer before the aircraft may be flown.						

***** **MUNCIE AVIATION COMPANY C.R.S. # AJVR135C** *****

Repaired mounting plate for #2 com antenna, stripped and treated antenna grounding. Replaced defective #2 com antenna with new CI-121 s/n 409496. Removed, repaired, and reinstalled pitch servo 0107-P5 s/n 8733A. Replaced worn static hose to transducer. Systems ground checked good.

Make: Cessna Ser. No.: 177RG1152
Model: 177RG Reg. Mark: N52046

The aircraft / component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed. Pertinent details of the repair are on file at the Agency. Work Order No.: A001288 Date: 11-13-13
Signed: [Signature] Inspector for
MUNCIE AVIATION COMPANY C.R.S. #AJVR135C
MUNCIE, IN 47303-9778 (765) 289-7141

Aircraft Tach: 2067.0

PLEASE PLACE IN AIRCRAFT LOGBOOK



Tests, Repairs and Alterations

(Rating and Certificate Number of work pages for other specific entries.)

Performed operational flight check of autopilot system. Ops checked good.

Make: CESSNA Ser. No.: 177RG1152
Model: 177RG Reg. Mark: N52046

Date: 11/14/13

Signed: [Signature]

Kenneth Talhelm

Pilot Certificate # 3126590

Aircraft Tach: 2067.5

PLEASE PLACE IN AIRCRAFT LOGBOOK

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE: 03/01/14 AIRCRAFT: N52046 Tach: 2073.40 Hrs. TOTAL: 2073.40

Cessna 177RG S/N 177RG1152

Inspected aircraft as required by FAR91.409 per inspection requirements of FAR 43 App.D.

TYPE INSP. ANNUAL ADS CHECK THRU 2014-04

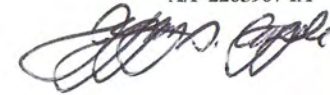
ELT 05/2016 FAR 91.207 PLACARDS & MARKINGS

TRANSPONDER Due 12/2015 ENCODER Due 12/2015

**ADS.C/K : AD 87-20-03R2 Seat tracks & seat pins due every 100 Hrs. par. Note (1) & (2) due again
Tach: 2103.30 Hrs., AD 93-05-06 Gerdes Ignition switch P/C/W due again AFTT: 3922.60 Hrs. AD 08-
10-02 No other Ads due this time or Date.**

I certify that this AIRCRAFT has been inspected in accordance with a ANNUAL inspection and found to meet the requirements for continual airworthiness this date.

JEFFREY G. APPLE
A/P 2265907 IA

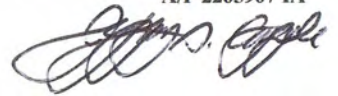


YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE: 03/01/14 AIRCRAFT: N52046 Tach: 2073.40 Hrs. TOTAL: 2073.40
Cessna 177RG S/N 177RG1152

Inspected aircraft as required by FAR91.409 per inspection requirements of FAR 43 App.D.
TYPE INSP. ANNUAL ADS CHECK THRU 2014-04
ELT 05/2016 FAR 91.207 PLACARDS & MARKINGS
TRANSPONDER Due 12/2015 ENCODER Due 12/2015
ADS.C/K : AD 87-20-03R2 Seat tracks & seat pins due every 100 Hrs. par. Note (1) & (2) due again
Tach: 2103.30 Hrs., AD 93-05-06 Gerdes Ignition switch P/C/W due again AFTT: 3922.60 Hrs. AD 08-
10-02 No other Ads due this time or Date.

I certify that this AIRCRAFT has been inspected in accordance with a ANNUAL inspection and found to meet the requirements for continual airworthiness this date.

JEFFREY G. APPLE
A/P 2265907 IA


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

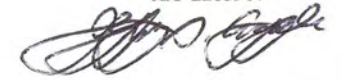
DATE:03/01/14 AIRCRAFT: N52046 Tach: 2073.40 Hrs. TOTAL:2073.40
Cessna 177RG S/N 177RG1152

Work Performed during Inspection:

CLEANED ✓ GEAR RETRACTION C/W
 REMOVED INSP. PLATES ✓ FUEL SYSTEM ✓
 CK. CONTROLS ✓ & LUBED CK. STRUTS & BRAKES ✓
 ELECTRICAL SYSTEM ✓ SKIN or FABRIC ✓
 CLEANED & RELUBED WHEEL BEARINGS ✓ SERVICED HYD. SYSTEM

All inspection plates, access doors, and Fairings reinstalled. All controls Ck. From the cockpit for direction & smooth operation and at the control for attachment. Replaced airfilter P/N 5705
 Cleaned corrosion from main battery Gnd. cable. Serviced main battery, Replaced Pilot and Co-Pilot door seals. R&R power Flow exhaust system Per. Instructions for continual airworthness
 Repaired & adjusted Co-Pilot door handle. Repaired baggage door latch. Added a tender to system

JEFFREY G. APPLE
 A/P 2265907



YEAR 20 _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration 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: 04/22/15 AIRCRAFT: N52046 Tach: 2129.50 Hrs. TOTAL: 2129.50

Cessna 177RG S/N 177RG1152

Inspected aircraft as required by FAR91.409 per inspection requirements of FAR 43 App.D.

TYPE INSP. ANNUAL ADS CHECK THRU 2015-06

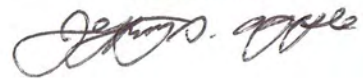
ELT 05/2016 FAR 91.207 PLACARDS & MARKINGS

TRANSPONDER Due 12/2015 ENCODER Due 12/2015

ADS.C/K : AD 87-20-03R2 Seat tracks & seat pins due every 100 Hrs. par. Note (1) & (2) due again
Tach: 2229.50 Hrs., AD 93-05-06 Gerdes Ignition switch P/C/W due again AFTT: 3922.60 Hrs. AD 08-
10-02 No other Ads due this time or Date.

I certify that this **AIRCRAFT** has been inspected in accordance with a ANNUAL inspection
and found to meet the requirements for continual airworthiness this date.

JEFFREY G. APPLE
A/P 2265907 IA



Inspections, Tests, Repairs and Alterations

YEAR MO 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.)
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DATE:04/22/15 AIRCRAFT: N52046 Tach: 2129.50 Hrs. TOTAL:2129.50

Cessna 177RG S/N 177RG1152

Performed all routine Servicing & Lubrication for a 100 Hr / Annual Inspection

CLEANED	✓	GEAR RETRACTION	✓	C/W
REMOVED INSP. PLATES	✓	FUEL SYSTEM	✓	
CK. CONTROLS	✓	& LUBED CK. STRUTS & BRAKES	✓	
ELECTRICAL SYSTEM	✓	SKIN or FABRIC	✓	
CLEANED & RELUBED WHEEL BEARINGS	✓	SERVICED HYD. SYSTEM	✓	

All inspection plates, access doors, and Fairings reinstalled. All controls Ck. From the cockpit for direction & smooth operation and at the control for attachment. Replaced airfilter P/N 5705
 Cleaned corrosion from main battery Gnd. cable. Serviced main battery, Replaced Pilot and Co-Pilot door seals. R&R power Flow exhaust system Per. Instructions for continual airworthness
 R&R Left main tire & tube P/N: 15x6.00-6 ply. R&R (2) brake pads Lt. Side P/N: 66-105, Cleaned
 Up around battery box, R&R battery with Gill LT-35 see Gill maintenance manual place with
 Aircraft file for (ICA) page 1. Installed Mid-Continent Dual USB charging port per Manuf.
 Instructions. See section #5 of installation manual for (ICA) instructions. Sealed around upper
 Windshield.

JEFFREY G. APPLE
 A/P 2265907




YEAR 20	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
DATE			

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician (specific entries.)

On Altitude LLC - Repair Station OQLR736Y		Date 04/01/2017	WO# 1565
N Number N52046		Make CESSNA	Model 171RG
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: <i>[Signature]</i>			
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: <i>[Signature]</i>			
Transponder 1	PLC	Serial	11719
Transponder 2	RT 359A	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: <i>[Signature]</i>			
Encoder 1	ACKA30	Serial	32866
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 the repair are on file under this work order. Signed: <i>[Signature]</i>			

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

On Altitude LLC Repair Station	Work Order # 1565	Date 04/01/17																																																																																																								
Tail Number N52046	Position PILOT	Serial Number 98154																																																																																																								
Altimeter Mod/Type UNTESTED GNS5 5834 P - ASG	<table border="1"> <tr> <th colspan="2">Table 1</th> <th colspan="2">Table 2</th> </tr> <tr> <th>ALT</th> <th>TOL IND</th> <th>TEST</th> <th>TOL IND</th> </tr> <tr> <td>-1,000</td> <td>20</td> <td>CASE LEAK</td> <td>+1-100 -4</td> </tr> <tr> <td>0</td> <td>20</td> <td></td> <td></td> </tr> <tr> <td>500</td> <td>20</td> <td colspan="2">HYSTERESIS TEST</td> </tr> <tr> <td>1,000</td> <td>20</td> <td>50% of Max ALT</td> <td>75 +30</td> </tr> <tr> <td>1,500</td> <td>25</td> <td>40% of Max ALT</td> <td>75 +30</td> </tr> <tr> <td>2,000</td> <td>30</td> <td>AFTER EFFECT</td> <td>30 +5</td> </tr> <tr> <td>3,000</td> <td>30</td> <td></td> <td></td> </tr> <tr> <td>4,000</td> <td>35</td> <td colspan="2">TABLE 3</td> </tr> <tr> <td>6,000</td> <td>40</td> <td colspan="2">TABLE 4</td> </tr> <tr> <td>8,000</td> <td>60</td> <td colspan="2">FRICTION</td> </tr> <tr> <td>10,000</td> <td>80</td> <td colspan="2">BARO SCALE</td> </tr> <tr> <td>12,000</td> <td>90</td> <td>ALT</td> <td>TOL IND</td> </tr> <tr> <td>14,000</td> <td>100</td> <td>1,000</td> <td>70 -40</td> </tr> <tr> <td>16,000</td> <td>110</td> <td>2,000</td> <td>70 -50</td> </tr> <tr> <td>18,000</td> <td>120</td> <td>3,000</td> <td>70 -50</td> </tr> <tr> <td>20,000</td> <td>130</td> <td>5,000</td> <td>70 -50</td> </tr> <tr> <td>22,000</td> <td>140</td> <td>10,000</td> <td>80 -50</td> </tr> <tr> <td>25,000</td> <td>155</td> <td>15,000</td> <td>90 -50</td> </tr> <tr> <td>30,000</td> <td>180</td> <td>20,000</td> <td>100 -60</td> </tr> <tr> <td>35,000</td> <td>205</td> <td>25,000</td> <td>120</td> </tr> <tr> <td>40,000</td> <td>230</td> <td>30,000</td> <td>140</td> </tr> <tr> <td>45,000</td> <td>255</td> <td>35,000</td> <td>160</td> </tr> <tr> <td>50,000</td> <td>280</td> <td>40,000</td> <td>180</td> </tr> <tr> <td></td> <td></td> <td>50,000</td> <td>250</td> </tr> </table>		Table 1		Table 2		ALT	TOL IND	TEST	TOL IND	-1,000	20	CASE LEAK	+1-100 -4	0	20			500	20	HYSTERESIS TEST		1,000	20	50% of Max ALT	75 +30	1,500	25	40% of Max ALT	75 +30	2,000	30	AFTER EFFECT	30 +5	3,000	30			4,000	35	TABLE 3		6,000	40	TABLE 4		8,000	60	FRICTION		10,000	80	BARO SCALE		12,000	90	ALT	TOL IND	14,000	100	1,000	70 -40	16,000	110	2,000	70 -50	18,000	120	3,000	70 -50	20,000	130	5,000	70 -50	22,000	140	10,000	80 -50	25,000	155	15,000	90 -50	30,000	180	20,000	100 -60	35,000	205	25,000	120	40,000	230	30,000	140	45,000	255	35,000	160	50,000	280	40,000	180			50,000	250
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Next Altimeter Certification
 Due 05/01/2019

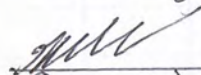
This Altimeter in reference to the work performed is returned to service.

On Altitude LLC, Repair Station OQLR736Y Date 04/01/17
 Signed: *[Signature]* 3330291

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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3/13/16 Tech 2172.8 N52046 S/N 177RC1152

Complied with SEL-5703 by inspecting right and left side wing spar caps IAW SEL instructions. No cracks or corrosion were found. Next recurring internal inspection due again Tech: 2172.8 or 12 months, whichever occurs first. The maintenance operations described herein have been inspected & found airworthy. And with respect to the work performed aircraft is released to service.


Gregory J Dedson

AIP 3144413

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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.)

Removed plastic headliner parts and miscellanies panels. Reinstalled headliner parts and miscellanies plastic panels with Plane Plastics part numbers K1706044-9, K1715027-6, K1715058-1, K1715058-2, K1715058-15, K171508-16, K2016034-1, K2015003-1 and K2015005-1.

Work completed by Mike Bacon, pilot certificate number 3345578 and Greg Dodson A&P number 3144413 on March 13, 2016

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

December 29, 2016 N52046 177RG S/N:177RG1152
Hobbs Time: 639.0 Tach Time: 2199.1

Removed and replaced with new o-ring P/N: MS3248/1-114 at fuel selector outlet. Removed and replaced pitot heat panel switch with new P/N: S2160-1. Installed correct hardware in left wing root panel. Leak check good for fuel selector. Ops check for pitot heat good. Ops check/proper clearance ok for flap.

The maintenance operation(s) described above were inspected in accordance with current FAA regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service.
Details are on file at this agency under work order **8887**.


John J. Edwards
1MYR828C

 **MONTGOMERY**
Aviation, LLC.
11329 East State Road 32
Zionsville, IN 46077
317-769-4487

Certified Repair Station No. 1MYR828C

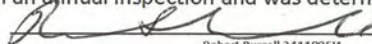
Aviation Plus LLC

262-656-1260

Aviationplusllc.com

04/01/2017 N52046 Tach 2210 TTAF 2210

Reinstalled Challenger air filter after ICA cleaning and rewetting, due annually or on condition. Reinstalled PowerFlow exhaust system after inspection and anti-seize application, due reinspection 500 hrs/annually. Replaced throttle roller and repaired cam. Straightened nose door turn buckle. Replaced nose door grommet and clevis pins. Repaired nose door attach brackets and replaced hardware. Replaced oil cooler inlet baffle seal. Replaced o-rings in nose actuator. Shimmed nose strut to proper length. Adjusted aft nose doors for proper closing. Corrected brake caliper installation to put bleeder screw side down. Replaced both gear leg brake o-rings. Bled brakes. Flipped left tire for wear. Added angle doubler to right flap bellcrank support rib. Rigged flap follower cable for proper flap travel. Repaired door upper wedges and replaced pins. Replaced belly air scoop. Rerigged fuel strainer drain control for proper actuation. Replaced front seat belt to shoulder strap grommets. Taped flap and stabilizer holes. Tightened stabilizer attach bolts. CW AD11-10-09 seat and rails, visual and dimensional inspection, due 100 hrs/ annually. CW AD15-19-07 injector lines and supports, visual inspection, due 100hrs. ELT checked per FAR 91.207(d). All routine items checked per inspection sheets. I certify that this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.



Robert Russell 3411885IA

Aviation Plus LLC

262-656-1260

Aviationplusllc.com

09/02/2017 N52046 Tach 2232

Reattached landing light housings to cowling.



Robert Russell 3411885IA

YEAR
20
DATE

Aviation Plus LLC

262-656-1260

Aviationplusllc.com

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of
98.)

08/10/2018 N52046 Tach 2251 TTAF 2251

Cleaned and re-oiled air filter per Challenger ICA. Reinstalled exhaust system after performing PowerFlow ICA, due inspection and re-lube 500hrs/annually. Re-installed engine and prop after engine overhaul. Re-installed Lord mounts, governor, alternator and vacuum pump as removed. All oil and fuel hoses were replaced firewall forward. Replaced fuel strainer O-rings. Repositioned fuel flow transducer to engine mount position. Repaired engine baffles as needed. Repaired wiring to throttle warning switch. Replaced alternator belt. Replaced starter contactor. Replaced master contactor. Replaced nose tire. Replaced left aileron bonding strap. CW AD 11-10-09 seats and rails, visual and dimensional checks, due 100hrs/annually. CW AD 15-19-07 injector lines and supports, visual inspection, due 100hrs. ELT checked per FAR 91.207(d). All routine items checked per inspection sheets. FAR43 App D. I certify that this airframe was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Robert Russell 3411885IA

WOODLAKE AIRCRAFT REFINISHING INC.
850 PIPER WAY SANDWICH IL 60548.

(815)-786-2538

AIRCRAFT: CESSNA 177RG N52046

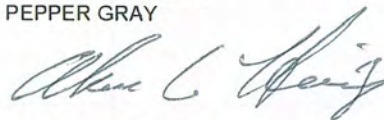
DATED: OCTOBER 10TH, 2018

AIRCRAFT WAS STRIPPED TREATED WITH ALODINE, EPOXY
PRIMED AND PAINTED. CONTROL SURFACES WERE REMOVED
BALANCED AND REINSTALLED TO CESSNA SPECIFICATION.

AF3522 MATTERHORN WHITE

906051 FLAME RED PEARL

494261 PEPPER GRAY



ALAN C. HEINZE A&P. 1910420

ons

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



Waukesha County Airport / Crites Field
2441 Aviation Drive
Waukesha, WI 53188
(800) 443-4490
FAA# NC5D062N

AIRCRAFT LOG ENTRY – Page 1 of 2

N# 52046

DESCRIPTION OF WORK DONE:

Removed ARC RT-359A Transponder (no S/N) with tray and wiring from aircraft. Installed, routed, and secured new wiring harness through aircraft. Installed tray for new Transponder. Removed 5A circuit breaker and installed one (1) 3A circuit breaker in aircraft. Completed installation of a new Garmin GTX-345 Transponder (P/N 010-01216-01) S/N 3EG025083 in aircraft. The Garmin GTX-345 System is interfaced to the following: the Garmin GNS-430W Navigation System for GPS position, weather and traffic display; the Garmin GMA-340 Audio Panel for traffic callouts; the ACK A-30 Encoder for primary altitude information. The Garmin GTX-345 installation was done in accordance with STC# SA01714WI and FAA Approved Model List issued May 1, 2013 (Revised: July 21, 2016). Removed old Transponder coax cable from aircraft. Installed, routed, and secured new RG-400 coax cable through aircraft. Updated Garmin GNS-430W WAAS/GPS/Nav/Com (P/N 011-01060-00) S/N 23403774 main software from version 3.30 to current version 5.40 in accordance with Garmin SB1766 Rev. A, dated December 7, 2017, and updated GPS software from version 3.0 to current version 5.0 in accordance with Garmin SB1317 Rev. A. Supplied customer with updated AFMS P/N 190-00356-03 Rev. F, dated November 30, 2017, and updated ICA.

Date: 11/09/2018 Hobbs: 639.0 Tach: 2260.0 W.O.# 511236 Signed: [Signature]

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 are on file at this agency under the above work order number.

Skycom Form C (Rev. 0) 2-06

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YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Waukesha County Airport / Crites Field
2441 Aviation Drive
Waukesha, WI 53188
(800) 443-4490
FAA# NCS062N

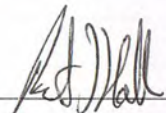
AIRCRAFT LOG ENTRY – Page 2 of 2

DESCRIPTION OF WORK DONE:

N# 52046

Removed broken Altimeter light ring and installed a serviceable used light ring in aircraft. Installed Molex connections into light ring wiring. Troubleshoot static leaks. Found loose sump bottles and fittings. Tightened and retested. Found okay. Completed Altimeter, Static, Transponder, Encoder certification (see Altimeter, Static, Transponder, Encoder Certificate for full certification). Configured and performed post installation check outs and programming in accordance with manufacturer procedures. Function tested systems and found to meet MPS. Reinstalled interior and closed aircraft. All work was done and tested in accordance with applicable parts of AC 43.13 1B/2B and manufacturer's install/service manuals. Completed FAA Form 337 and placed FAA AFMS in pilot's operating handbook. Revised weight and balance information.

New Empty: 1783.66 New CG: 104.1731 New Useful: 1016.34 ---END---

Date: 11/09/2018 Hobbs: 639.0 Tach: 2260.0 W.O.# 511236 Signed: 

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 are on file at this agency under the above work order number.

Skycom Form C (Rev. 0) 2-06

YEAR
20
DATE

RECORDING
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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)

(262) 521-8180

SKYCOM AVIONICS, INC.

N # 52046

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

TEST ALT. x 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16	
TOL. ± FT.	20	20	20	20	25	30	30	35	70	40	60	80	90	100	90	110	
ACTUAL	5	10	10	30	5	5	5	5	60	+5	+10	+5	70	10	25	70	20
FRICITION																	
TEST ALT. x 1000 FT.	18	20	22	25	30	35	40	45	50	BARO. SCALE ERROR (TOL. ± 25 FT.)							
TOL. ± FT.	120	130	140	155	180	205	230	255	280	28.10	28.50	29.00	29.50	29.92	30.50	30.90	30.99
ACTUAL	20	30	70							1735	1355	870	405	0	+510	+870	+770
FRICITION																	
HYSTERESIS (TOL. ± 75 FT.): MAX.					50% +10			40% +10	AFTER EFFECT (TOL. 30 FT.): OK				CASE LEAK: OK				

ALTIMETER MAKE: United Instruments
MODEL: 5934P-A56
S/N: 98154

BLIND ENCODER MAKE: ACK
MODEL: A-30
S/N: 32866

TRANSPONDER MAKE: Garmin
MODEL: GTX-345
S/N: 3EG025083

CERTIFIED ALTIMETER PER FAR 43, APP. E (b) TO 20,000 FT. TO COMPLY WITH FAR 91.411.
 CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (c) TO COMPLY WITH FAR 91.411.
 CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413.
 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 are on file at this agency under the following work number.
 Date: 11-9-18 Tach/Hobb: 2260.0 W.O. 511236 Signed: [Signature]

WAUKESHA COUNTY AIRPORT / CRITES FIELD WAUKESHA, WI 53188 FAA NO. NC5D062N

YEAR
20
DATE

RECORDING
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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.)

wo: PS19101

Airframe - page 1 of 1



Plane Safe Aircraft Maintenance, Inc. - 503 West Bluemound Rd - Waukesha, WI 53188 - 262-547-1800

N52046

April 23, 2019

Tach: 2272.1

1. Removed upper cowling and removed failed vacuum pump. Blew out lines with compressed air and replaced instrument air filters with new, p/n RAD9-18-1 and RAB3-5-1. Installed overhauled pump using a new gasket. Torqued nuts and installed hose. Ran engine for operational checks, all checks are good.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS19101.

Samuel Cryer Airframe & Powerplant A&P95526492

YEAR
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DATE

RECORDING
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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.)

wo: PS19048

Airframe - page 1 of 1



Plane Safe Aircraft Maintenance, Inc. · 503 West Bluemound Rd · Waukesha, WI 53188 · 262-547-1800

N52046

February 28, 2019

Tach: 2267.0

Hobbs: 639.0

1. Troubleshoot cause of left strobe light inop. Found left strobe power supply inoperative. Replaced power supply with serviceable power supply. Op checks good. Installed (1) 152-0007 - Power Supply.
2. Replaced left NAV light lens with serviceable lens. Installed (1) W-2503-LH - Lens.
3. Found fuel leaking from nose wheel well area while picking up aircraft from hangar. After inspection, found fuel drain shaft leaking at top of fuel strainer. Removed fuel strainer from aircraft and disassembled to access oring for shaft. Replaced oring with new oring, P/N M29513-010. Cleaned and reassembled fuel strainer using new oring, P/N's MSS29513-111, and -138. Reinstalled fuel strainer and leak checked. No leaks noted.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS19048.

William Polachek Airframe & Powerplant A&P2848502



Plane Safe Aircraft Maintenance, Inc. - 503 West Bluemound Rd - Waukesha, WI 53188 - 262-547-1800

N52046

Tach: 2292.5

Cessna, 177RG, S/N: 177RG1152

Hobbs: 638.9

September 5, 2019

1. Completed 100Hr/ Annual Inspection IAW FAR 43 appendix D, using Cessna 177RG inspection forms as a guide.
2. Installed new fasteners on engine baffle where fasteners were missing.
3. Replaced left and right tires and tubes with new. Flight Special II 15x6.0-6 6ply tires right tire S/N 80815809, left tire S/N 80815885. New tubes P/N 15x6.00-6. Serviced with nitrogen. Leak checks are good.
4. Removed and replaced 8 worn cowling mounts with new P/N J7444-14 Shock mounts.
5. Removed broken wire terminal from antenna ground wire just aft of rear bulkhead. Installed new wire terminal, reinstalled.
6. Disconnected and removed fuel strainer assembly. Extracted broken mounting bolt. Reinstalled fuel bowl with new mounting bolt P/N MS20074-03-03 and performed leak check. Leak check ok.
7. Re-positioned cabin heat cable to prevent chafing. Performed function ck, all checks are satisfactory.
8. Found pilots forward inboard seat foot below minimum dimensional inspection. Removed and replaced worn seat roller housing with new P/N MC1714000-33.
9. Removed and replaced nose wheel races and bearings with new P/N LM67010-20629 Races, P/N LM67048-20629 Bearing.
10. Stripped hole on nose wheel cover. Drilled, tapped and installed 10-32 helicoil insert. Painted AN526-1032R8 screw to match and installed.
11. Stop drilled crack in forward LH engine baffling. Fabricated doubler patch and installed on forward baffling with rivets.
12. Removed and replaced left inboard wheel bearing with new P/N LM29749-20629.
13. Cleaned main and nose gear for inspection.
14. Removed RH brake caliper assembly. Disassembled, cleaned, and inspected. Installed new MS28775-224 O-ring. Reassembled, and reinstalled brake caliper.
15. Removed cracking brake lines on left and right brake calipers with new P/N AE3664056B0054 Hose Assy. Bleed brakes as required. Ops check good.
16. Removed and replaced worn nose actuator attach bolt with new P/N 2043037-1, checked for proper rigging and tensions.
17. Extracted sheared screw in tail stinger on lower right hand side.
18. Brake disc below minimum tolerance. Removed and replaced left and right brake disc with new P/N RA164-30615-1. Removed and replaced linings on left and right brake assemblies 2 each with new P/N RA066-30026 linings.
19. ELT battery due for replacement. Removed and replaced battery with new BP-1010. Ops check good. Battery next due OCT 21.

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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.)

PLANE SAFE

Airframe - page 1 of 3



Plane Safe Aircraft Maintenance, Inc. - 503 West Bluemound Rd - Waukesha, WI 53188 - 262-547-1800

N82046
tach: 2342.8

Cessna, 177RG, S/N: 177RG1152
hobbs: 630.0

October 2, 2020

1. Comply with annual inspection IAW FAR 43.13 Appendix D, using the Cessna 177RG Annual checklist as a guide.
2. Inspected ELT IAW FAR 91.207 Part D. Ops ck good. Battery next due: OCT 2021.
3. Jacked aircraft and inspected landing gear. Cleaned, inspected and lubricated wheels and bearings. Inspected brakes linings, discs and tires. Lubricated landing gear. Performed landing gear retraction and extension operational checks in normal and emergency modes. Op checks good.
4. Cleaned, inspected and lubricated all flight controls.
5. Cleaned and inspected fuel strainer.
6. Cleaned and inspected induction air filter.
7. Cleaned off all old sealant on pilots windscreen and resealed as required to prevent moisture intrusion.
8. Removed pilot's seat outboard seat belt and sent out to Aviation Safety Products to be re-webbed. Received repaired seat belt and installed on aircraft. Operational check is good.
9. Cleaned grime and residue from inside floor panels to prevent skin deterioration.
10. Replaced adel-clamp securing drain tubes on left side of firewall with new adel-clamp to prevent further chaffing of drain tubes.
11. Removed right main landing gear from pivot assembly as per the 177RG maintenance manual. Replaced seals with new, p/n's MS28775-017, MS28775-110. Installed landing gear into pivot assembly and secured. Bled brakes as required. Performed operational and leak checks, all checks are satisfactory.

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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wo: PS20216

Airframe - page 2 of 3



Plane Safe Aircraft Maintenance, Inc. · 503 West Bluemound Rd · Waukesha, WI 53188 · 262-547-1800

12. Replaced missing nut on alternator connections with serviceable locking nut.
13. Soldered broken wire to post for throttle warning horn. Ops check good.
14. Pilot outboard seat rail failed inspection due to seat locking holes being elongated and out of acceptable tolerance per AD11-10-09. Drilled out all rivets from worn seat rail as required for replacement. Match drilled all rivet holes into new seat rail. Installed new seat rail, MC2011015-5 as required by riveting in with solid rivets and using blind structural where required. Installation completed IAW acceptable practices and techniques. Installed pilot's seat and operationally checked good.
15. Researched parts for maintenance.
16. Replaced missing screws for jackpad in left and right wings with new as required, P/N AN526-1032R8.
17. Removed roll pins and installed new serviceable pins in pilot's seat. All checks are good.
18. Secured seat cushion button on pilot seat by sewing on button.
19. Secured loose pilot yoke pad to prevent potential obstructions during flight. Cleaned old adhesive residue, applied fresh adhesive and installed yoke pad.
20. Replaced worn and chaffed fuel flow gauge hose to firewall with new, P/N 350-4-0130.
21. C/W AD 11-10-09 by visual inspection of seat and seat rails and measurement. Next due: 2442.8 tach or next annual.
22. C/W ICA for Powerflow exhaust system by visual inspection IAW Powerflow inspection requirements, no defects found at this time, Next due: 2751 tach.
23. C/W SEL 57-03 by visual inspection of right and left wing spar caps IAW SEL 57-03 instructions. No defects found at this time. Next due: 2442.8 or next annual.
24. All AD's checked current through 2020-20.

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

wo: PS20216

Airframe - page 3 of 3



Plane Safe Aircraft Maintenance, Inc. · 503 West Bluemound Rd · Waukesha, WI 53188 · 262-547-1800

I certify that this aircraft has been inspected IAW an Annual Inspection, is found to be in an airworthy condition and is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS20216.

Druanne Pierce Airframe & Powerplant 393886792 IA Druanne M. Pierce



Waukesha County Airport / Crites Field
 2441 Aviation Drive
 Waukesha, WI 53188
 (800) 443-4490
 FAA# NC5D062N

AIRCRAFT LOG ENTRY

DESCRIPTION OF WORK DONE:

N# 52046

Downloaded and programmed GNS-430W databases as follows: terrain version 20t1; obstacle version 20b1. Installed card in unit and verified databases. Completed Altimeter, Static, Transponder, Encoder certification (see Altimeter, Static, Transponder, Encoder Certificate for full certification). All work was done and tested in accordance with applicable parts of AC 43.13 1B/2B and manufacturer's install/service manuals. ---END---

Date: 11/18/2020 Tach: 2347.4 W.O.# 512275 Signed: [Signature]

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 are on file at this agency under the above work order number.

Skycom Form C (Rev. 0) 2-06

wo: PS22321

Airframe - page 1 of 1



Plane Safe Aircraft Maintenance, Inc. - 503 West Bluemound Rd - Waukesha, WI 53188 - 262-547-1800

N52046
hobbs: 639.0

Cessna, 177RG, S/N: 177RG1152
tach: 2389.0

November 01, 20

1. Comply with Annual Inspection IAW FAR 43.13 Appendix D, using the Cessna 177RG Annual checklist as a guide.
2. Inspected ELT IAW FAR 91.207 Part D. Ops ck good. Battery next due: JAN 2024.
3. Jacked aircraft and inspected landing gear. Cleaned, inspected and lubricated wheels and bearings. Inspected brake linings, discs and tires. Lubricated landing gear. Performed landing gear retraction and extension operational checks in normal and emergency modes. Op checks good.
4. Cleaned, inspected and lubricated airframe and all flight controls.
5. Cleaned and inspected fuel strainer. No contaminants found.
6. Cleaned, inspected, and re-oiled induction air filter.
7. Troubleshoot Hobbs meter. Gained access to Hobbs meter, traced wiring. Determined that power source wire (D was disconnected and capped. Installed ring terminal and reconnected to power source terminal on back of clock Cessna 177RG maintenance manual wiring diagram. Performed run-up, operational check. All checks are satisfactory.
8. Replaced missing upper engine cowling fastener with new, P/N: 82-19-120-20.
9. Tightened hydraulic line fittings at pressure side tee under hydraulic pump. Cleaned residual hydraulic fluid and performed operational and leak checks. All checks satisfactory.
10. Removed, cleaned, and inspected nose strut. Rebuilt strut with new seal kit, P/N: TCNS-1. Reassembled strut filled with 5606 hydraulic fluid. Serviced strut with nitrogen to proper heights.
11. Removed and replaced 3 worn engine cowl mounts on lower left side with new, P/N: J7444-14.
12. Adjusted pilots right rudder pedal. Disconnected brake linkage, added washers to left side of pedal to shift pedal the left to avoid chaffing against center pedestal. Re-connected brake linkage, safetied as required, and performed function and operational checks. All checks are satisfactory.
13. Re-attached pilots lower left side heat duct to door pillar post using epoxy.
14. Fabricated copilot seat stop. Installed and performed operational check. All checks are satisfactory.

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(262) 521-8180

SKYCOM AVIONICS, INC.

N # 52046

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

TEST ALT. x 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16						
TOL. ± FT.	20	20	20	20	25	30	30	35	70	40	60	80	90	100	90	110						
ACTUAL FRICTION	+10	0	+5	-5	20	-10	-15	30	-5	30	+5	+10	30	-5	-15	30	-25					
TEST ALT. x 1000 FT.	18	20	22	25	30	35	40	45	50	BARO. SCALE ERROR (TOL. ± 25 FT.)												
TOL. ± FT.	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280					
ACTUAL FRICTION	-10	-20	30	X	X	X	X	X	X	X	X	X	X	X	X	X	X					
HYSTERESIS (TOL. ± 75 FT.): MAX.										50% +30		40% +35		AFTER EFFECT (TOL. 30 FT.):			OK		CASE LEAK:		OK	

ALTIMETER MAKE: <u>United Instr.</u>	BLIND ENCODER MAKE: <u>ACK</u>	TRANSPONDER MAKE: <u>Garin</u>
MODEL: <u>5934P-A-56</u>	MODEL: <u>A-30</u>	MODEL: <u>GT-345</u>
S/N: <u>98154</u>	S/N: <u>32866</u>	S/N: <u>386025083</u>

CERTIFIED ALTIMETER PER FAR 43, APP. E (b) TO 20,000 FT. TO COMPLY WITH FAR 91.411.
 CERTIFIED STATIC SYSTEM PER FAR 43, APP. E (a) TO COMPLY WITH FAR 91.411.
 CERTIFIED AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM PER FAR 43, APP. E (c) TO COMPLY WITH FAR 91.411.
 CERTIFIED TRANSPONDER PER FAR 43, APP. F TO COMPLY WITH FAR 91.413.

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 are on file at this agency under the following work number.

Date: 10-28-22 Tach/Hub: 2589.0 W.O. 513142 Signed: [Signature]

WAUKESHA COUNTY AIRPORT / CRITES FIELD WAUKESHA, WI 53188 FAA NO. NC5D062N

YEA
20
DAT

Plane Safe Aircraft Maintenance, Inc. · 503 West Bluemound Rd · Waukesha, WI 53188 · 262-547-1800

N52046**Cessna, 177RG, S/N: 177RG1152****November 15, 2023**

Hobbs: 679.1

Tach: 2426.3

TTAF: 2426.3

1. Comply with Annual Inspection IAW FAR 43.13 Appendix D, using the Cessna 177RG Annual checklist as a guide.
2. Cleaned, inspected, and lubricated all flight controls.
3. Jacked aircraft and inspected landing gear. Cleaned, inspected, and lubricated wheels and bearings. Inspected brake linings, discs, and tires. Lubricated landing gear. Performed landing gear retraction and extension operational checks in normal and emergency modes. All checks are satisfactory.
4. Checked lights and electrical system. Inspected aircraft battery. No defects noted.
5. Removed, inspected, and cleaned fuel strainer. No contaminants found. Re-installed with new O-Rings P/N MS29513-111 and MS29513-138, and performed leak check. No leaks found.
6. Removed, cleaned, and inspected induction air filter. Re-applied air filter oil and installed. No defects noted.
7. Inspected and weighed hand held fire extinguisher. Weight within specs.
8. Replaced side vent windows with new windows, P/N GLA1026. Removed side vent windows from aircraft. Drilled out rivets holding frame halves together and removed windows from frames. Cleaned frame halves. Fit and trimmed new windows to window frame halves. Inserted new windows and riveted window frames back together using new rivets. Masked off windows and frames, and sealed windows. Painted rivet heads to match aircraft. Re-installed windows on aircraft by riveting frames back to window hinges on cabin doors.
9. Replaced broken rivet with new rivet on top front side of top engine cowl. Touched up paint on new rivet head.
10. Inspected and tested ELT IAW FAR 91.207, Part D. Performed 406 MHz signal and output test. Confirmed HEX ID: 2DC8A 2010E FFBFF. Operational checks are satisfactory, no defects found. Battery next due: OCT 2029.
11. Completed Power Flow exhaust ICA's IAW Power Flow continued airworthiness instructions. No defects found. Next due 11/2024.
12. Troubleshoot cause of right nav light inop to blown bulb. Installed new bulb P/N UA-7512-12. Operational checks good.
13. Glued sections of left and right side vent windows as needed.

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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wo: PS24033 Airframe · page 1 of 1



Plane Safe Aircraft Maintenance, Inc. · 503 West Bluemound Rd · Waukesha, WI 53188 · 262-547-1800

N52046 Hobbs: 682.8	Cessna, 177RG, S/N: 177RG1152 Tach: 2430.3	February 05, 2024 TTAF: 2430.3
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Serviced nose strut with nitrogen as required to obtain proper strut extension.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS24033.

Adam Kaul Airframe & Powerplant A&P3879286 *Adam Kaul*

wo: PS24194 Airframe · page 1 of 1



Plane Safe Aircraft Maintenance, Inc. · 503 West Bluemound Rd · Waukesha, WI 53188 · 262-547-1800

N52046 Hobbs: 702.6	Cessna, 177RG, S/N: 177RG1152 Tach: 2448.1	July 24, 2024 TTAF: 2448.1
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Removed and replaced burned out right nav bulb with new, P/N: 7512-12. Operational checks are satisfactory.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS24194.

Mark Pribyl Airframe & Powerplant A&P3816360 *Mark Pribyl*

YEAR
20

RECORDING
TACH

TODAY'S
FLIGHT

TOTAL
TIME IN

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed by the FAA

Airframe - page

wo: PS24336



Plane Safe Aircraft Maintenance, Inc. - 503 West Bluemound Rd - Waukesha, WI 53188 - 262-547-1800

N52046
Hobbs: 720.5

Cessna, 177RG, S/N: 177RG1152
Tach: 2464.9 TTAF: 2464.9

November 27,

1. Comply with Annual Inspection IAW FAR 43.13 Appendix D, using the Cessna 177RG Annual checklist as a guide.
2. Cleaned, inspected, and lubricated all flight controls.
3. Jacked aircraft and inspected landing gear. Cleaned, inspected, and lubricated wheels and bearings. Inspected linings, discs, and tires. Lubricated landing gear. Performed landing gear retraction and extension operational checks in normal and emergency modes. All checks are satisfactory. Installed (2) P/N MS24665-362 - Cotter Pin.
4. Checked lights and electrical system. Inspected aircraft battery. No defects noted.
5. Removed, inspected, and cleaned fuel strainer. No contaminants found. Re-installed and performed leak check. No leaks found.
6. Removed, cleaned, and inspected induction air filter. Re-applied air filter oil and installed. No defects noted.
7. Inspected and weighed hand held fire extinguisher. Weight within specs.
8. Pitot static/transponder checks due 6/2025.
9. Inspected and tested ELT IAW FAR 91.207, Part D. Performed 406 MHz signal and output test. Confirmed H-2DC8A 2010E FFBFF. Operational checks are satisfactory, no defects found. Battery next due: OCT 2029.
10. Removed and replaced worn main landing gear tires with new Goodyear Flight Special II's, right tire P/N: 156E66B1 (S/N: 42170005), left tire P/N: 156E66B1 (S/N: 30505352). Tire inner tubes replaced with new, P/N: 302-246-4.
11. Troubleshoot right strobe light inoperative. Found middle female pin of strobe light connector not making proper electrical contact. Adjusted female pin for proper electrical connection. Operational check of strobe lights good.
12. Removed and replaced fuel cap gaskets with new, P/N: GAR0998. Installed (2) P/N GAR0998 - Seal, Installed SHIP-6 - Null Shipping.
13. Removed #2 cylinder oil return line due to chafing against baffle. Inspected and found serviceable. Installed and wrapped and reinstalled line. Leak check good.

