

AVIONICS MAINTENANCE RECORDS

(Including transponder biennial checks)

Log No. _____

Aircraft Registration No. N 5257B

Aircraft Manufacturer CESSNA

Model 177RG

Serial No. 177RG1207

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1.	_____	_____
2.	_____	_____
3.	_____	_____
4.	_____	_____
5.	_____	_____
6.	_____	_____
7.	_____	_____
8.	_____	_____
9.	_____	_____
10.	_____	_____
11.	_____	_____
12.	_____	_____
13.	_____	_____
14.	_____	_____
15.	_____	_____
16.	_____	_____
17.	_____	_____
18.	_____	_____
19.	_____	_____
20.	_____	_____

DATE	AIRFRAME TIME IN SERVICE	AUXILIARY TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
28 MAR 88	1246.6		Removed and Replaced Altimeter. New Altimeter S/N 8076 ^{Due JAN. 88} Certified by Professional Flight Service Station #162-8. Static check complied with NAVI static check due MAR 88. Kenneth Hanogon AIP 264583027
28 April, 1986			Biennial Transponder check Per FAR-43 Appendix F. Performed this date Aerotronic Services Inc. Montgomery Airpark CRS-1047 <i>[Signature]</i>
			Automatic Pressure Altitude Reporting equipment was tested and found to comply with Appendix E of Part 43 and in compliance with FAR 91.36(b). Aerotronic Services Inc. Montgomery Airpark CRS-1047 <i>[Signature]</i>
4 MAY 87	2317.7		Removed & Replaced ELT Battery, Operational check Good, Battery due change MAY 1989. Adin R. Downey AIP 587783125
21 Jan 88	2584.7		Biennial Transponder check & Auto Press Alt Equipment Recertified By Professional Ft. Service I/A/W FAR 43F & 43E FOR CRS-161-9 tags on Instruments. Transponder S/N 11352 ALT. S/N 8076 Robert F Brettman 47248078

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

... replaced altimeter SN 4715123E
... station 162-8. Checked on
... again 6/17/89 aircraft
... also complied with due
... again Feb 89.

Regis J. Antheim
A # P 196 364621

April

2649.1 Replaced CIT BATF no BP1020 Next change
Due MAR 90 Robert Buttner DIP 47248078

4/1/89

RT 328T # 19693. Replaced Q 7 & Y 2. Repaired broken
wire. aligned. Checked both CDI's. Disassembled &
cleaned on. ~~Garrett~~ CRSP51R402K Repair 2415341

12/26/89

Bi Annual Transponder check, AIC Avionics
See Airframe log. B. J. Antheim

5/12/92

Xpdr/Altimeter/Encoder/Static check well within spec
correspondence with altimeter within 50ft to 15000ft.
-N. J. Antheim/PFS-518102K

DATE	AID/PAIR TIME IN SERV	AID/PAIR TIME IN SERV	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>... replaced a liner, SN 4F186238 of station 162-8. Checked on 8/19/87 due again 8/19/89 aircraft static check" also completed with, due again Feb. 89.</p> <p style="text-align: right;">Regis J. Amheim AIP 196 364621</p>
3/5/89	2649.1		<p>Replaced EIT BATT no BP1020 next change Due MAR 90 Robert Buttner AIP 47248028</p>
4/11/89			<p>RT 325T #19693. Replaced Q 7+Y2. Repaired broken wire. aligned. checked both CDI's. Disassembled & cleaned on. David CRSP51R402K Repair 2415321</p>
12/26/89			<p>Bi Annual Transponder check, ATC Accounts See Airframe log. B. J. Amheim</p>
5/12/92			<p>Xpdr/Altimeter/Encoder/Static check well within spec correspondence with altimeter within 50ft to 15000ft. - W. S. J. / PFS - P51R402K</p>

PROFESSIONAL FLIGHT SERVICE

MARYLAND AIRPORT 081092-01
 INDIAN HEAD, MD 20640 (301) 283-0131
 FAA APPROVED REPAIR STATION PJ1R402K

703 361 6364

NAME 361 0575 GEOFF PETERSON		UNIT
ADDRESS		MODEL # SERIAL #
CITY		AIRCRAFT TYPE RT 328T
SYMPTOM (PROBLEM) RT 328 INT. PWR		SERIAL # 19699
LOOSE KNOB .1 MHZ DUE OUT 1/1		DATE 8/10/92

HOURS	WORK TO BE DONE	AMOUNT
2	1 REPLACED SCREWS IN .1 MHZ SELECT	
	2 ON NAV SIDE REPAIRED POWER	
	3 ON-OFF SWITCH CHECKED FOR	
	4 CORRECT OPERATION	100.00
	5	
	6	

SUBLET REPAIRS

CERTIFY THAT THIS COM NAV HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN FOR SERVICE

DETAILS OF THE REPAIRS ARE ON FILE UNDER WORK ORDER # 081092-01 DATE 9/10/92

INSPECT BY [Signature] FAA CERT # PJ1R402K

I HEREBY AUTHORIZE THE ABOVE REPAIRS ALONG WITH THE NECESSARY MATERIAL YOU OR YOUR EMPLOYEES MAY MAKE ALL NECESSARY CHECKS TO DETERMINE THE AIRWORTHINESS OF THIS UNIT. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE UNIT TO SECURE AMOUNT OF REPAIRS THERE TO. IF IT BECOMES NECESSARY FOR YOU TO EMPLOY A COLLECTION AGENCY AND OR AN ATTORNEY TO COLLECT THIS AMOUNT, I THE UNDERSIGNED, AGREE TO PAY ALL COURT COSTS PLUS A REASONABLE ATTORNEY'S FEE AND OR COLLECTION FEE

PARTS	
LABOR	
SUBLET OR OTHER	
TAX	
TOTAL	100.00

X _____

11-24-93

Removed ARC audio panel, glide slope receiver

PROFESSIONAL FLIGHT SERVICE

MARYLAND AIRPORT 081092-01
 INDIAN HEAD, MD 20640 (301) 283-0131
 FAA APPROVED REPAIR STATION PJIR402K

703 361 6364

NAME	361 0575 GEOFF PETERSON	UNIT
ADDRESS		MODEL # SERIAL #
CITY		AIRCRAFT TYPE RT 328T
SYMPTOM (PROBLEM)	RT 328 INT. POWR LOOSE KNOB .1 MHZ	SERIAL # 19699
		DATE 8/10/92
	DUE OUT / /	

HOURS	WORK TO BE DONE	AMOUNT
2	1 REPLACED SCREWS IN .1 MHZ SELECT 2 ON NAV SIDE REPAIRED POWER 3 ON-OFF SWITCH CHECKED FOR 4 CORRECT OPERATION	100 00
5		
6		

SUBLET REPAIRS

CERTIFY THAT THIS COM NAV
 HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH
 CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN
 FOR SERVICE

DETAILS OF THE REPAIRS ARE ON FILE UNDER WORK ORDER

081092-01 DATE 9/10/92

INSPECT BY [Signature] FAA CERT # PJIR402K

I HEREBY AUTHORIZE THE ABOVE REPAIRS ALONG WITH THE NECESSARY MATERIAL YOU OR YOUR EMPLOYEES MAY MAKE ALL NECESSARY CHECKS TO DETERMINE THE AIRWORTHINESS OF THIS UNIT. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE UNIT TO SECURE AMOUNT OF REPAIRS THERE TO. IF IT BECOMES NECESSARY FOR YOU TO EMPLOY A COLLECTION AGENCY AND OR AN ATTORNEY TO COLLECT THIS AMOUNT, I THE UNDERSIGNED, AGREE TO PAY ALL COURT COSTS PLUS A REASONABLE ATTORNEY'S FEE AND OR COLLECTION FEE.

X

PARTS	
LABOR	
SUBLET OR OTHER	
TAX	
TOTAL	100 00

DATE	AIRCRAFT TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
5/13/92	-	-	Replaced "I" Lamp in MB Indicator - Note: This lamp will not be as bright as the "O" + "M" lamps This is normal!! Aligned + checked RT-328T S/N 196287 Repaired + checked RT-328T S/N 19699 } All modes + functions in spec!! -W. L. H. H. / PFS / PJR402K
5/16/92			Replaced EIT battery - Due July 94 replacement!! -W. L. H. H. / PFS / PJR402K
11-24-93			Removed ARC audio panel, glide slope receiver

PROFESSIONAL FLIGHT SERVICE

MARYLAND AIRPORT 081092-01
 INDIAN HEAD, MD 20640 (301) 283-0131
 FAA APPROVED REPAIR STATION PJR402K
 703 361 6364

NAME	361 0575 GEOFF PETERSON	UNIT	
ADDRESS		MODEL #	SERIAL #
CITY		AIRCRAFT TYPE	RT 328T
SY (PROBLEM)	RT328 INT. POWR	SERIAL #	19699
M	1005 F Knob .1 MHz	DATE	8/10/92
PT		DUE OUT	/ /
OM			

HOURS	WORK TO BE DONE	AMOUNT
2	REPLACED SCREWS IN .1 MHz SELECT	
2	ON NAV SIDE REPAIRED POWER	
3	ON-OFF SWITCH CHECKED FOR	
4	CURRENT OPERATION	
5		100 00
6		

SUBLET REPAIRS

I CERTIFY THAT THIS COM NAV HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND IS APPROVED FOR RETURN FOR SERVICE.

DETAILS OF THE REPAIRS ARE ON FILE UNDER WORK ORDER # 051092-01 DATE 9/10/92

INSPECTED BY *[Signature]* FAA CERT # PJR402K

I HEREBY AUTHORIZE THE ABOVE REPAIRS ALONG WITH THE NECESSARY MATERIAL YOU OR YOUR EMPLOYEES MAY MAKE ALL NECESSARY CHECKS TO DETERMINE THE AIRWORTHINESS OF THIS UNIT AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE UNIT TO SECURE AMOUNT OF REPAIRS THERETO IF IT BECOMES NECESSARY FOR YOU TO EMPLOY A COLLECTION AGENCY AND OR AN ATTORNEY TO COLLECT THIS AMOUNT I THE UNDERSIGNED AGREE TO PAY ALL COURT COSTS PLUS A REASONABLE ATTORNEY'S FEE AND OR COLLECTION FEE

PARTS	
LABOR	
SUBLET OR OTHER	
TAX	
TOTAL	100 00

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

CAPITAL AVIATION INST & AVIONICS 10503 Observation Rd Manassas, VA 20110 QY1R391K
LOG ID# 1181 11-November-2002 WO# 9792 REF# 9792 CA 11 AC TT 4646.5 HOBBS 1269.6
N52578 S/N 117RG120 TACH 4646.5 C17/RG TACH 4646.5 Pg 111

WORK PERFORMED: NAV IND INTERMITTENTLY FLAGS. REMOVED THE FOLLOWING UNITS FOR BENCH
TESTING: NAV IND P/N 066-3034-02 S/N 20470. BENCH TESTED.
EXCHANGE NAV IND P/N 066-3034-02 S/N 20440 NAV IND P/N 066-3034-02 S/N 20470. BENCH TESTED.
INSTALLED NAV IND P/N 066-3034-02 S/N 20440. REINSTALLED SAME SERVICABLE TESTED UNITS. RAMP TESTED OK.
EXCHANGE NAV IND P/N 066-3034-02 S/N 20440 FOR P/N 550120-1301A S/N 452960. DESIGNED &
FACTORY CHECKED FOR REPLACEMENT ENCODER. INSTALLED ENCODER S/N 452960. TESTED I/A/W TSO-C38.
MATCHED ENCODER WITH ALTIMETER S/N 1104. CONFIRMED PILOTS PTT SWITCH INOP. T/S & FOUND WIRE BROKEN
REPAIR WIRE. PILOTS PTT SWITCH OPS CHECKED OK.

THE ALTIMETER, TRANSPONDER, STATIC, AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AS REQUIRED BY
FAR PART 43.141 AND 43.143 AND MEET THE REQUIREMENTS OF FAR PART 43 APPENDIX E AND F.
ALTIMETER S/N 1104 TESTED TO 20,000 FT
ALTIMETER S/N 11352 TESTED TO 20,000 FT
TRANSPONDER S/N 4112-1114
DATA CORRESPONDENCE WAS TESTED TO 20,000 FT

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND
INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR
RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE
ABOVE WORK ORDER.

[Signature]
QY1R391K



2650 West Shamrell Blvd
Flagstaff Pulliam Airport
Flagstaff, AZ 86001
(928) 779-9585
Fax (928) 779-9586

November 23, 2002 N52578 Tach time: 4673.3

Removed old Attitude Gyro P/N 23-501-06-16 S/N T29124J.
Installed new Gyro P/N 23-501-06-16, S/N T55285J. Ground ran
and operationally checked.

[Signature]
Daniel Hulls 527971344 A&P/IA

Where the user/installer performs
of the country...

TIME
IN
SERVICE

TIME
IN
SERVICE

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

55 Hobbs: 1761.5 TACH: 5054.0 REPAIR ARC300A autopilot by installing Exchange Rel
ACTUATOR PA-295B P/N 43615-104 sh 2146. Replace C.P. strap on- AT switch
wiring to Hand mic JACK. RESET Backlighting ~~software~~ in GARMIN GPS-150XL. Replace
MISSING screws to OVERHEAD panel. Replace MARKER BEACON ant. with new C1-102 ant.
Details on File w/o 10846

LANCASTER AVIONICS INC
LANCASTER AIRPORT
LITITZ, PA 17543

DATE 9-30-05

CERTIFICATE NO. LN7R261N

SIGNED James Good

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
LOG ID# 3153 06-December-2006 WO# 24830 CA 11 HOBBS 1858.8
N5257R S/N 177RG1207 CESSNA C177RG TACH 5134.0

Pg 1 / 1

Removed Altimeter P/N 671BK010 S/N C104, tested on bench, installed exchange Altimeter P/N
5974P-LA 56 S/N N7940, matched to existing encoder.

THE ALTIMETER, TRANSPONDER, STATIC, AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AS REQUIRED
BY FAR 25.1311 AND 25.1313 AND MEET THE REQUIREMENTS OF FAR PART 43 APPENDIX E AND F.

ALTIMETER (LA)	TESTED TO	20,000 FT
ALTIMETER (LA)	P/N 5934P-LA.56	S/N N7940
ENCODER (L)	P/N 560130	S/N A52960
TRANSPONDER (L)	P/N 41420-1114	S/N L1352

DATA CORRESPONDENCE WAS TESTED TO 20,000 FT

THE AIRCRAFT AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED
AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS
APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR
STATION UNDER THE ABOVE WORK ORDER.

James Good
DR. JAMES GOOD, AIAA

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

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE
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Hagerstown Aircraft Services, Inc.

Certified Repair Station: CRS H5GRO500
14235 Oak Springs Road, Hagerstown, MD 21742 (301) 733-7604

I certify the altimeter and static systems test required by FAR Part 91.411 have been performed and tested per FAR 43 Appendix E. Pilot side

Altimeter, model United 5934P-1A.56 s/n 7940 was tested to 20,000 feet on 29 JAN 2009;

Static system test date 29 JAN 2009

I certify the encoding altimeter was tested in accordance with FAR 43 Appendix E2(c) and found to be in compliance with FAR 91.217(b).

The encoding altimeter, make/model TCE SSD120, serial number AS2960 was tested to 20,000 feet on 29 JAN 2009

I certify the transponder test required by FAR 91.413 has been performed and tested per FAR43 appendix F.# 1 System

Transponder ARC RT-359A W.O.# 0901020
Serial Number 11352 A/C N# NS2578
Test Date 29 JAN 2009

Signed: [Signature]
Hagerstown Aircraft Services, Inc Hagerstown, MD 21742
FAA Approved Repair Station H5GRO500

53

NOT USED

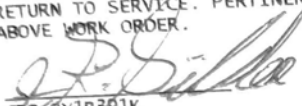
DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE
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DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

CAPITAL AVIATION INST. & AVIONICS 10660 AVIATION LANE MANASSAS, VA 20110 OY1R391K
LOG ID# 2331 30-June-2004 WO# 15538/1 REF# 15538 CA 11 HOBBS 1543.4
N52578 S/N 177RG1207 CESSNA C177RG TACH 4871.9 Pg 1 / 1

**** ITEM # 15538-1 #1 VOR INDICATOR INOP ****
 DISCREPANCY: #1 VOR INDICATOR INOP.
 ACTION: RAMP TESTED #1 NAV SYSTEM. VOR/LOC/GS TEST OK. NO PROBLEMS FOUND.

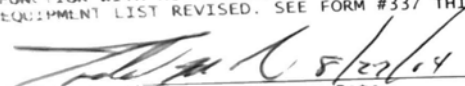
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE WORK ORDER.


 CRS# OY1R391K

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 LN7R261N
LOG ID# 323 27-August-2004 WO# 9694
N52578 S/N 177RG1207 CESSNA 177RG Pg 1 / 1

**** ITEM # 9694-1 EVALUATE CESSNA AUTOPILOT ****
 DISCREPANCY: EVALUATE CESSNA 300 AUTOPILOT.
 ACTION: REMOVED PA295B-1004 SERVO S/N 5307 AND INSTALLED OH/EX SERVO S/N 2979. REMOVED CA395A CONTROLLER S/N 3102 AND INSTALLED EXCHANGE S/N 6062. PERFORMED CALIBRATION. OPS CHECKED GOOD.

**** ITEM # 9694-2 INSTALL CS'D GPS150XL ****
 DISCREPANCY: INSTALL CUSTOMER SUPPLIED GPS150XL.
 ACTION: REMOVED APOLLO 820 GPS SYSTEM AND INSTALLED CUSTOMER SUPPLIED GARMIN GPS150XL IAW AC 43.13-1B/-2A CHAPTERS 2 & 3, AC20-138 AND APPROPRIATE MFG'S INSTALLATION MANUALS. PANEL PLACARDED GP: IS LIMITED TO VFR. THE GPS150XL WAS FUNCTIONALLY TESTED AND WAS FOUND TO PERFORM ITS INTENDED FUNCTION WITH NO ADVERSE EFFECTS ON OTHER AIRCRAFT SYSTEMS. WEIGHT AND BALANCE CHANGE RECALCULATED. EQUIPMENT LIST REVISED. SEE FORM #337 THIS DATE.


 Date 8/27/04
 CRS# LN7K261N

MAINTENANCE RECORD


Date	March 9, 2010	Page 1 of 1 Pages	Reg. No	N52578
Aircraft:	177RG	Serial#:	177RG1207	Total Time / Tachometer: Unknown / 5318.3

The below listed items were accomplished in accordance with the Cessna 177RG Series Service Manual and other approved or acceptable data as applicable.

Work Order AG-10-10439:

[2700] Removed DME KN-62A p/n: 066-1068-00 s/n: 11106 and performed bench check in accordance with Bendix King Maintenance Manual and replaced DS-201, system ground check good, reinstalled repaired DME KN-62A p/n: 066-1068-00 s/n: 11106 (KN-62A repaired by Central Flying Service Inc. CRS# HBKR587E W.O. AG-10-10493.)

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed 
 Central Flying Service, Inc.
 1501 Broad Street, Little Rock, AR 72202
 Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
 FAX (501) 374-2150

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: AG-10-10493	
4. Organization Name and Address: Central Flying Service Inc				1501 Bond St 1501 Bond St Little Rock AR 72202-5700		5. Work Order/Contract/Invoice Number: AG-10-10493	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
2700	KN-62A	066-1068-00	N/A	1	11106	Repaired	
13. Remarks: Replaced DS-201 uit check good I.A.W Bendix King M.M. 006-05144--0006							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input checked="" type="checkbox"/> Non-approved design data specified in Block 13.				19. <input 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.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: <i>D. McCauley</i>		21. Approval/Certificate No.: HBKR587E	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): David McCauley		23. Date (m/d/y): MAR 9,2010	
User/Installer Responsibilities							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer performs 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.</p> <p>Statements in Blocks 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.</p>							

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: AG-10-10419	
4. Organization Name and Address: Central Flying Service Inc				1501 Bond St 1501 Bond St		Little Rock AR 72202-5700	
5. Work Order/Contract/Invoice Number: AG-10-10419							
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
2700	GNS-530W	011-01064-00	N/A	1	23820818	Inspected	
13. Remarks: removed unit form A-36 S/N E-3152 unit check good I.A.W Garmin M.M. P/N 190-00357-02							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input checked="" type="checkbox"/> Non-approved design data specified in Block 13.				19. <input 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.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: HBKR587E	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): David McCauley		23. Date (m/d/y): APR 23,2010	
User/Installer Responsibilities							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer performs 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.</p> <p>Statements in Blocks 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.</p>							

MAINTENANCE RECORD

Date: April 23, 2010	Page 1 of 1 Pages	Reg. No	N52578
Aircraft: 177RG	Serial#: 177RG1207	Total Time / Tachometer:	5331.5/ 5331.5

The below listed items were accomplished in accordance with the Cessna 177RG Series Service Manual and other approved or acceptable data as applicable.

Work Order AG-10-10419:

[2701] Removed the following equipment:

Garmin GPS-150XL	p/n 011-00345-00	s/n 81700933
Garmin GA-56 Antenna	011-00134-00	59096476
Bendix/King Nav/Com	069-1024-42	20440
Nav Indicator KI-204	066-3034-02	20470
ADF Receiver R-546E	41240-0001	34749
ADF Antenna L-346A	4100-1000	46809
ADF Indicator IN-346	40980-1001	17653

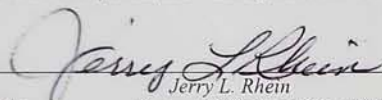
Installed the following equipment:

Garmin GNS-530W	011-01064-00	23820818
GPS Antenna GA-35	013-00235-00	58199
Garmin GI-106A	013-00049-01	H05-11060

Installation made in accordance with Garmin 500W series Installation Manual 190-00357-02 Rev G dated December 2008 and STC SA01933LA-D. See FAA Form 337 dated 04/19/2010. Weight and Balance amended. Equipment List amended. I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202



Jerry L. Rhein

Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

MAINTENANCE RECORD

Date: February 17, 2011	Page 1 of 1 Pages	Reg. No: N52578
Aircraft: Cessna 177RG	Serial #: 177RG1207	Total Time : 5363.7

The below listed items were accomplished in accordance with Maintenance Manual, and other approved and acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes, SB's, and/or task codes as applicable.

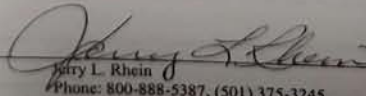
Work order 061100054

- [2700] **FAR 91.411** - Pitot / Static system certification, altimeter instruments and automatic pressure altitude reporting system were tested and inspected on 02/17/2011 as required by FAR 91.411, FAR Part 43, Appendix E. System inspected to 20,000 feet. Altimeters 5934P-10A.56, s/n A7940. Encoder p/n SSD-120 s/n A52960 installed during certification.
- [2701] **FAR 91.413** - Transponder system certification was completed on 02/17/2011 and was found to comply with FAR 91.413 and FAR Part 43, Appendix F. Transponder p/n 41420-114 s/n 11352 installed during certification.
- [2703] Resealed static port to skin of aircraft.
- [2704] Adjusted pulse width of transponder p/n 41420-114 s/n 11352 in accordance with RT-359A Maintenance Manual 7010433.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed

Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202



Jerry L. Rhein
Phone: 800-888-5387, (501) 375-3245

CRS - HBKR587E
FAX (501) 975-9596

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE
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**DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**

MAINTENANCE RECORD

Date:	November 14, 2012	Page 1 of 1 Pages	Reg. No	N52578
Aircraft:	177RG	Serial#: 177RG1207	Total Time / IIM:	5528.1 / 5534.9

The below listed items were accomplished in accordance with the Cessna 177RG Series Service Manual and other approved or acceptable data as applicable.

Work Order 061200912:

- [2700] Removed existing transponder and rack p/n 41420-1114, s/n 11352 and installed new Garmin transponder GTX 327 p/n 010-00188-03, s/n 83745965 IAW Garmin wiring diagram and interfaced t existing RT-359A wiring, removed unit TSC C74c & new unit TSO C74c. System op check.
- [2701] **CFR 14 Part 91.411** – Pitot / Static system certification. Altimeter instruments and automatic pressure altitude reporting system have been tested and inspected on November 14, 2012 as required by CFR Part 91.411 and CFR Part 43, Appendix E. System inspected to 20,000 ft. Altimeter p/n: 5934P-10A.56, s/n: A7940, Encoder p/n: SSD-120. s/n: A52960 installed during certification. Next due November 2014.
- [2702] **CFR 14 Part 91.413** – Transponder system certification. Transponder system was tested and inspected on November 14, 2012 and found to comply with CFR Part 91.413 and CFR Part 43, Appendix F. Transponder p/n : 010-00188-03, s/n: 83745965 installed during certification. Next due November 2014.

I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service.

Signed John White
 Central Flying Service, Inc. Phone: (501) 375-3245, (800) 888-5387
 1501 Bond Street, Little Rock, AR 72202 CRS No. HBKR587E FAX (501) 374-2150

MAINTENANCE RECORD

07-Nov-2014	Page 1 of 1	NN52578 Serial #177RG1207
Aircraft Total: 5603.7	Hobbs:	Make -Cessna
Engine TSN	Tach meter: 5603.7	Model 177RG
Engine TSMO N/A	Engine Serial # NA	
Work Order(s): 141107.1		

The above listed items were accomplished in accordance with approved or acceptable data as applicable. Details are on file under the above work order number(s). Work order numbers are shown in brackets [],
 [141107.1] [Preformed Static and Transponder Check As per FAR 91.413, FAR 91.411 and FAR 43 Appendix F and E. System inspected to 20,000 feet. Details are on file under W/O 141107.1.
 -Transponder Garmin GTX327 s/n 83745965 Encoder SN 52960 Model SSD120-XXA -Altimeter Cessna p/n 5934P-1 s/n N794D

Signed Mark Miller
 Sportair, SA 501-228-7777
 2222 Mountain Road
 North Little Rock, AR 72118
 Mark Miller
 FAA CRS 2SUR495B
 Repairman 3537593

870-534-0588 **TOMLINSON AVIONICS INC.** CERTIFIED REPAIR STATION
 619 C HANGAR ROW #YN1R644K
 PINE BLUFF, AR 71601

I CERTIFY THAT THE ALTIMETER, ENCODING SYSTEM AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED THIS DATE. THE ALTIMETER S/N N7940 WAS TESTED TO 20K FT. ON 1-19-17.
 SIGNATURE [Signature] DATE 1-19-17

I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED THIS DATE AND FOUND TO COMPLY. TRANSPONDER GTX327
 S/N 83745965 DATE 1-19-17 MAKE & MODEL
 SIGNATURE [Signature]

1. Approval Authority/Country: FAA/United States	2. <h1 style="text-align: center;">AUTHORIZED RELEASE CERTIFICATE</h1> <p style="text-align: center;">FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG</p>	3. Form Tracking Number: 154163394-1
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4. Organization Name and Address: GARMIN International 1200 E. 151st St. Olathe, KS 66062 Certificate Number PT3742CE	5. Work Order/Contract/Invoice Number: 154163394
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6. Item: 1	7. Description: GTX345, Standard Kit	8. Part Number: 010-01216-01 Includes 011-03302-00	9. Quantity: 1	10. Serial Number: 3EG023493	11. Status/Work: New
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12. Remarks:
Airworthiness Approval
TSO C112e

13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.
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13b. Authorized Signature: <i>Eric G. Austria</i>	13c. Approval/Authorization No.: ODA-240087-CE	14b. Authorized Signature:	14c. Approval/Certificate No.:
13d. Name (Typed or Printed): Eric G. Austria	13e. Date (dd/mm/yyyy): 10/Dec/2018	14d. Name (Typed or Printed):	14e. Date (dd/mm/yyyy):

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a 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.

Administrative tracking area containing a grid of boxes, a vertical stamp 'RECEIVED', and a date stamp 'DEC 10 2018'. The grid contains various alphanumeric codes and numbers.

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

DATE
2019
3 MAR
AIRFRAME TIME IN SERVICE
5735.8
AVIONICS TIME IN SERVICE

REMOVED EXISTING GARMIN GTX 327 TRANSPONDER SN 83745965
AND RACK. INSTALLED NEW GARMIN GTX 345 TRANSPONDER SN 3EG023493
AND RACK IAW GARMIN INSTALL MANUAL 190-01499-02 AND INTEGRATED
IT INTO EXISTING WIRING. WEIGHT AND BALANCE CHANGE NEGLIGIBLE.
ELECTRICAL CONSUMPTION LOWER THAN GTX 327, THE NEW TRANSPONDER
COMPLIES WITH BOTH THE SYSTEM CONFIGURATION AND PERFORMANCE REQUIREMENTS
OF 14 CFR 91.227. GROUND TEST COMPLETED, NO DEFECT NOTED. THE
INSTALLED ADSB OUT SYSTEM WAS SHOWN TO MEET THE EQUIPMENT
REQUIREMENTS OF 14 CFR 91.227.
VINCENT GUMMERT
AP 3199981

Aircraft Structural Inspections LLC
FAA CRS #INPR910B
Mountain View Ar 72560

Aircraft Make & Model Cessna 177RG Aircraft Registration N52578
Date 3/6/19 Tach Time 5763.6 Serial Number 177RG1207

I Certify that the Altimeter, Altitude Reporter, Transponder, and Static Systems Tests
Required by FAR 91.411 & 91.413 IAW Part 43 Appendixes E & F have been performed.
The Altimeter(s) has been tested to 20,000 Ft. All other information may be
found in ASI WO# 3182 Inspector: [Signature]

N52578 Hobbs: 5785.7

LANCASTER AVIONICS INC. CRS # LN7R261N
I CERTIFY THAT THE ALTIMETER, ENCODER AND
STATIC SYSTEM TESTS REQUIRED BY FAR 91.411
HAVE BEEN PERFORMED IAW FAR 43 APPENDIX E
UNIT TYPE TESTED TO
#1 ALTIMETER United 20,000 ft
#2 ALTIMETER NA
ENCODER(S) ICI 20,000 ft
STATIC SYSTEM TEST DATE 05-06-21
SIGN James Hauser DATE 5-6-21

**LANCASTER AVIONICS INC
CRS # LN7R261N**
CERTIFY THAT THE TRANSPONDER(S)
TEST REQUIRED BY FAR 91.413 HAS BEEN
PERFORMED IAW FAR 43 APPENDIX F
UNIT TYPE
#1 TRANSP GTX 345
#2 TRANSP NA
SIGN James Hauser
DATE 05-06-21

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17643 CRS# LN7R261N
LOG ID# 6675 06-May-2021 WO# 25801 HOBBS 5785.7
N52578 S/N 177RG1207 CESSNA 177RG

**** ITEM # 25801-2 ADJUST ALTITUDE ENCODER ****
DISCREPANCY: ALTITUDE ENCODER READS 60 - 80 FT ABOVE ALLOWABLE TOLERANCE.
Model: 55D120-30 Serial#: A52960
ACTION: ADJUSTED ALTITUDE ENCODER TO MEET CERTIFICATION SPECS WITHIN ALLOWABLE TOLERANCE.

**** ITEM # 25801-3 REPAIR STATIC SYSTEM LEAK ****
DISCREPANCY: STATIC SYSTEM HAS A 500 FT/MIN LEAK WHICH EXCEEDS ALLOWABLE TOLERANCE.
ACTION: TIGHTENED ALL STATIC CONNECTIONS THROUGHOUT ENTIRE STATIC SYSTEM. FINAL LEAK CHECK ANALYSIS
PASSES WITHIN ALLOWABLE TOLERANCE WITH AN 18 FT/MIN LEAK @ 1,000 FT AGL PRESSURE ALTITUDE.

James Hauser
JAMES HAUSER

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DE SIGNATURE
3 MAR 2019	5735.8		
			REMOVED EXISTING AND RACK. INSTALLED AND RACK JAW GARDEN IT INTO EXISTING WIRE ELECTRICAL CONSUMERS COMPLIES WITH BOTH 71 OF 14 CFR 91.227. (INSTALLED ADSB OUT REQUIREMENTS OF 14

Customer: <u>Art Wall</u>		Aircraft Type: <u>Cessna 177RG</u>		Test Alt: <u>20,000</u>	
Altimeter	Manufacturer: <u>United</u>	Part Number: <u>5934P-1450</u>	Serial Number: <u>H7940</u>	Test Ceiling: <u>20,000</u>	System Leak: <u>18 FT/MIN</u>
Pilot	<u>NA</u>	<u>NA</u>	<u>NA</u>	Hysteresis: 50%	10,000 -40 -10
Co-Pilot	<u>NA</u>	<u>NA</u>	<u>NA</u>	40%	8,000 -30 -20 0
Encoder	<u>TCI</u>	<u>SSD120-30</u>	<u>A52960</u>	After Effect	0 -20 -20

Error	Pilot	Co-Pilot	Tot	Encoder 125'	Friction	Pilot	Co-Pilot
-1000	-1000	↑	20	NA	-940	1000	70
zero	-20		20	-40	+20	2000	70
500	500		20	+500	+550	3000	70
1000	800		20	945	1040	4000	70
1500	1480		25	1450	1540	5000	70
2000	1980		30	1940	2040	6000	80
3000	2970		30	2940	3040	7000	90
4000	3970		35	3940	4040	8000	100
6000	5960		40	5920	6020	10000	120
8000	7980		60	7920	8020	12000	140
10000	9980		80	9920	10020	14000	160
12000	11980		90	11920	12020	16000	180
14000	13980		100	13920	14020	18000	200
16000	15980		110	15920	16020	20000	220
18000	17980		120	17920	18020	22000	240
20000	19980		130	19920	20020	24000	260
22000	↑		140	↑	↑	26000	280
25000			155			28000	300
30000			180			30000	320
35000			205			32000	340
40000			230			34000	360
45000			255			36000	380
50000			280			38000	400

Pressure - Alt Diff	Tot	Co-Pilot
28.10"	-1235	-1727
28.50"	-1340	-1340
29.00"	-860	-860
29.50"	-380	-380
29.92"	-20	-20
30.50"	+530	+530
30.90"	+880	+880
30.99"	+960	+960

INSPI	PASS	FAIL	
Pilot	X		
Co-Pilot	NA		
Encoder	X		

Technician: James Hauser (Signature)
Date: 5-6-21

Aircraft Structure
FAA CRS
Mountain V

(717) 899-1963 Phone
(717) 699-1722 Fax
Lancaster Avionics Inc.
600-U Airport Rd
Lititz, PA 17543

Aircraft Make & Model Cessna 171
Date 3/6/19 Tach Time 5763.6 Serial Number 177RG1207

I Certify that the Altimeter, Altitude Reporter, Transponder, and Static Systems Tests Required by FAR 91.411 & 91.413 IAW Part 43 Appendixes E & F have been performed. The Altimeter(s) has been tested to 20,000 Ft. All other information may be found in ASI WO# 3182 Inspector: [Signature]

N52578 Hobbs: 5785.7

LANCASTER AVIONICS INC. CRS # LN7R261N
I CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IAW FAR 43 APPENDIX E
UNIT TYPE TESTED TO
#1 ALTIMETER United 20,000 ft
#2 ALTIMETER NA
ENCODER(S) TCI 20,000 ft
STATIC SYSTEM TEST DATE 05-06-21
SIGN James Hauser DATE 5-6-21

LANCASTER AVIONICS INC CRS # LN7R261N
CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED IAW FAR 43 APPENDIX F
UNIT TYPE
#1 TRANSP GT X 395
#2 TRANSP NA
SIGN James Hauser
DATE 05-06-21

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
LOG ID# 6675 06-May-2021 WO# 25801 HOBBS 5785.7
N52578 S/N 177RG1207 CESSNA 177RG

**** ITEM # 25801-2 ADJUST ALTITUDE ENCODER ****
DISCREPANCY: ALTITUDE ENCODER READS 60 - 80 FT ABOVE ALLOWABLE TOLERANCE.
Model: SSD120-30 Serial#: A52960
ACTION: ADJUSTED ALTITUDE ENCODER TO MEET CERTIFICATION SPECS WITHIN ALLOWABLE TOLERANCE.
**** ITEM # 25801-3 REPAIR STATIC SYSTEM LEAK ****
DISCREPANCY: STATIC SYSTEM HAS A 500 FT/MIN LEAK WHICH EXCEEDS ALLOWABLE TOLERANCE.
ACTION: TIGHTENED ALL STATIC CONNECTIONS THROUGHOUT ENTIRE STATIC SYSTEM. FINAL LEAK CHECK ANALYSIS PASSES WITHIN ALLOWABLE TOLERANCE WITH AN 18 FT/MIN LEAK @ 1,000 FT AGL PRESSURE ALTITUDE.

James Hauser
JAMES HAUSER

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 6999 02-August-2022 WO# 26733 HOBBS 5785.7 Pg 1 / 1
 N52578 S/N 177RG1207 CESSNA 177RG

**** ITEM # 26733-1 REPAIR GTX345 TRANSPONDER ****
 DISCREPANCY: NO DATA ON NEW IPAD, TCAD/TCAS INPUT FAIL MESSAGE AND UPDATE SOFTWARE.
 Part#: GTX345
 ACTION: UPDATED SOFTWARE FROM V2.12 TO V2.60 I.A.W. GARMIN SERVICE BULLETIN 2152, REV. A. UPDATED AIRCRAFT FLIGH MANUAL SUPPLEMENT AS REQUIRED. COULD NOT DUPLICATE REPORTED FAULT WITH IPAD. AIRCRAFT DOES NOT HAVE ACTIVE TRAFFIC - DISABLED TCAD/TCAS INPUT TO TRANSPONDER. PERFORMED RFI TEST - CHECKS GOOD.

**** ITEM # 26733-2 GARBLED TRANSMIT ON BOTH COMM'S ****
 DISCREPANCY: BOTH COMM'S REPORTED TO HAVE GARBLED TRANSMIT.
 ACTION: RAMP CHECKED AND VERIFIED FAULT. REPAIRED BROKEN WIRE ON PILOT'S MIC JACK. COMM TRANSMITTERS RAMP CHECK GOOD.

Brody Reisinger

BRODY REISINGER

LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543 CRS# LN7R261N
 LOG ID# 7314 01-June-2023 WO# 27394 HOBBS 5785.7 Pg 1 / 1
 N52578 S/N 177RG1207 CESSNA 177RG

**** ITEM # 27394-1 C/W 2YR IFR CERTIFICATION ****
 DISCREPANCY: C/W 2YR (1)STATIC/(1)ALT/(1)MODE-S XPDR/(1)ENC CERTIFICATION.
 ACTION: COMPLIED WITH FAR 91.411 AND FAR 43, APPENDIX E ALT./ENC./STATIC SYS CERT. COMPLIED WITH FAR 91.413 AND FAR 43, APPENDIX F 2YR TRANSPONDER CERT.

**** ITEM # 27394-2 CALIBRATE ALTITUDE ENCODER ****
 DISCREPANCY: ALTITUDE ENCODER HAS ALTITUDE TRANSITIONS THAT ARE 150 FT LOW WHICH EXCEEDS ALLOWABLE TOLERANCE.
 Model: SSD120-30 Part#: A52960
 ACTION: CALIBRATED ALTITUDE ENCODER TO CORRECT ERRORS AND MEET CERTIFICATION SPECS WITHIN ALLOWABLE TOLERANCE.

**** ITEM # 27394-3 REPAIR NO TRAFFIC DISPLAY ****
 DISCREPANCY: NO TRAFFIC DISPLAY ON GTX345 OR IPAD.
 Model: GTX345
 ACTION: UPDATED SOFTWARE FROM VERSION 2.60 (MAIN) TO VERSION 2.80 (MAIN)/3.41 (ADS-B) I.A.W. SERVICE BULLETIN 22104 REV. A. FINAL CHECKS GOOD.

Brody Reisinger

BRODY REISINGER

LANCASTER AVIONICS INC. CRS # LN7R261N

I CERTIFY THAT THE ALTIMETER, ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED I/A/W FAR 43 APPENDIX E

UNIT	TYPE	TESTED TO
# 1 ALTIMETER	<i>Varied</i>	<i>16000'</i>
# 2 ALTIMETER	<i>NA</i>	
ENCODER (S)	<i>TC1</i>	<i>16000'</i>
STATIC SYSTEM TEST DATE	<i>6/11/23</i>	
SIGN <i>Brody Reisinger</i>	DATE <i>6/11/23</i>	

LANCASTER AVIONICS INC

CRS # LN7R261N

I CERTIFY THAT THE TRANSPONDER (S) TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED I/A/W FAR 43 APPENDIX F

UNIT	TYPE
#1 TRANSP	<i>GTX 345 model 8</i>
# 2 TRANSP	<i>NA</i>
SIGN <i>Brody Reisinger</i>	DATE <i>6/11/23</i>

wo 27394 Hobbs 5785.7 C177RG

