

NA 1120 BOOK #4

AIRCRAFT LOG
AL-12P

Aircraft Log

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Aero Products Corporation

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AIRCRAFT DESCRIPTION

2-6-12 Book #4

MANUFACTURER Cessna MODEL 172 R G

DATE OF MFG. 1974

SERIAL NUMBER 177RG0512 REGISTRATION NUMBER N2112Q

REGISTERED OWNER Robert G + Barbara C. Allen

STREET ADDRESS 78241 Rainbow Dr

CITY, STATE, ZIP Palm Desert, CA 92211

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP _____

REGISTERED OWNER MICHAEL O'BRIEN (7135010877)

STREET ADDRESS 1810 RAIN TOWER CA

CITY, STATE, ZIP LA LAGO CA 77586

OPERATOR _____

STREET ADDRESS _____

CITY, STATE, ZIP' _____

Inspection Status (Check one)

F.A.R. 91.409 ANNUAL/100 HOUR

F.A.R. 91.409 PROGRESSIVE

F.A.R. 135.419 A.T.C.O.

OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

COMPLIANCE RECORD

AUTHORIZED SIGNATURE
CERTIFICATE NO.

ALTIMETER & STATIC SYSTEM CHECKS F.A.R. 91.411

DATE	MANUFACTURER	MODEL	SERIAL NO.	LOCATION	MAX. ALT.	RECHECK REQUIRED	APPROVED BY: AGENCY CERT. NO.
------	--------------	-------	------------	----------	-----------	---------------------	----------------------------------

ALTIMETER MODEL 5934P-A56
S/N B6636 **CERTIFIED TO** 20,000
FT. PER FAR PART 43 APPENDIX E
THIS DATE: 2/06/15

ENCODER MODEL SSP120-30
S/N _____ **MATCHED TO** _____
ALTIMETER S/N B6636 **TO** _____
20,000 **FT THIS DATE:** 2/06/15

**AIRCRAFT STATIC SYSTEM HAS BEEN TESTED
AND FOUND TO COMPLY WITH PAR (a) APPENDIX
E FAR PART 43 THIS DATE** 2/06/15

TRANSPONDER MODEL: G1X330FS
S/N 84148547 **MEETS OR EXCEEDS**
REQUIREMENTS OF FAR PART 43 APPENDIX F.
THIS DATE 2/06/15

SIGNED: [Signature] **FOR**
SONORA AVIONICS INC FAA C.R.S. NYRR723K

TACH: 3204.2 **ALTIMETER SCALE ERROR**

W/O# 8004 **Customer:** N2112Q
Part# 5934P-A56 **Serial#** B6636

Altimeter Pressure					
Test PT (FT)	Indicator readings at + 25 c	Test PT (FT)	Indicator readings at + 25 c	Test PT (FT)	Indicator readings at + 25 c
-1,000	-990	8,000	8030	30,000	X
0	000	10,000	10,040	35,000	
500	490	12,000	12,060	40,000	
1,000	990	14,000	14,080	45,000	
1,500	1500	16,000	16,090	50,000	
2,000	2000	18,000	18,090	55,000	
3,000	3000	20,000	20,040	60,000	
4,000	4010	22,000		70,000	
6,000	6020	25,000		80,000	

SONORA AVIONICS INC. **FAA C.R.S. NYRR723K**



TKM Avionics

14811 North 73rd Street
 Scottsdale, AZ 85260 USA
 (480) 991-5351, customerservice@tkmavionics.com

Sales Invoice

32644

Paid
6/1/2018

Michael O'Brien

Billing Information

Michael O'Brien
 1910 Raintree Circle
 El Lago, TX
 USA
 Order Date: 5/16/2018
 Project Name

PO No

Shipping Information

Name: Michael O'Brien
 Atten:
 Add: 1910 Raintree Circle
 City: El Lago
 State: TX
 Country: USA
 Zip: 77586

Ship Via: UPS Ground

General Order Notes:

Resoldered pin on XT2115 crystal on the nav receiver.
 Replaced the coax cable on the nav receiver. Replaced C18, C47 on the comm receiver. Replaced C17, R17 on the comm synthesizer. Retuned the nav section. Retuned and retaped the comm receiver. Tested unit to factory specifications.

Change Notice

MX170C
 S/N 9359
 713-501-0877

5/16/2018 9:18:52 AM

RADIO & ELECTRONIC CHECKS

EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
-------------------	---------------	------------------	----------------	-----------------------------------



Jones Avionics FAA CRS#YVJR478Y
 David Wayne Hooks Airport 281-433-6077
 Date: 7/9/2022 N# 2112Q

Pitot, Static, Altimeter, Xpdr, and Altitude reporting system tested & inspected and meets the requirements of FAA 14 CFR 91.411, 91.413, 91.227 Part 43 App E & F. Cert to 20,000 ft

Alt #1	P/N	EFD1000	Ser. No.	11568
Alt #2	P/N	5939P	Ser. No.	—
XPDR #1	P/N	GTX330ES	Ser. No.	—
XPDR #2	P/N	—	Ser. No.	—
ECDR	P/N	—	Ser. No.	—
UAT	P/N	—	Ser. No.	—

Inspector: *Robert Griffin* W.O. Reference # 120922-5

05/12/2023

Certified Pilot's Altimeter p/n 5934P s/n 16836 and electronic altimeter EFD1000 s/n 11568 to 20,000 feet per Part 43 Appx E. para B. Tested GTX330 transponder to Part 43 Appendix. F. Performed data correspondence per Part 43 Appx E. para C. Performed static system leak check per Part 43 Appx. E. para. A. This aircraft meets the minimum requirements of FAR 91.413 and 91.411. This aircraft and/or components have been inspected, and for the scope of work performed, is approved for return to service.

Inspected by,

Robert Griffin

for, Griffin Avionics, Inc.

Ref. W.O. # 70130

Aircraft Reg. No.: N2112Q

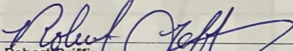

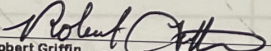

Hyannis, Ma. 02601

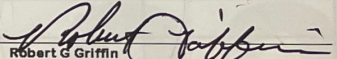

FAA CRS# GN1R172K



RADIO & ELECTRONIC CHECKS

RADIO & ELECTRONIC CHECKS

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
					03/22/2024	
			<p>Removed and replaced blind encoder SSD120-30A s/n A55926 with new encoder SSD120-30N s/n N28406. Performed data correspondence with encoder and pilot's altimeter. Meets the minimum requirements of 14 CFR Part 91.217. Wired Voice Alert system into existing audio panel. Ops check good. Secured aircraft for flight. This aircraft and/or components have been inspected, and for the scope of work performed, is approved for return to service.</p>			
			<p>Inspected by,  Robert Griffin for, Griffin Avionics, Inc. </p> <p>Ref. W.O. # 70740 Hyannis, Ma. 02601 Aircraft Reg. No.: N2112Q FAA CRS# GN1R172K</p>			
					04/02/2025	
			<p>Certified Pilot's Altimeter p/n 5934P s/n 16836 and electronic altimeter EFD1000 s/n 11568 to 20,000 feet per Part 43 Appx E. para B. Tested GTX330 transponder to Part 43 Appendix. F. Performed data correspondence per Part 43 Appx E. para C. Performed static system leak check per Part 43 Appx. E. para. A and repaired leaks as needed. This aircraft meets the minimum requirements of FAR 91.413 and 91.411. This aircraft and/or components have been inspected, and for the scope of work performed, is approved for return to service.</p>			
			<p>Inspected by,  Robert Griffin for, Griffin Avionics, Inc. </p> <p>Ref. W.O. # 71396 Hyannis, Ma. 02601 Aircraft Reg. No.: N2112Q FAA CRS# GN1R172K</p>			

DATE	TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.
					04/02/2025	
			<p>Removed Aspen EFD 1000 and removed and replaced back up battery with new battery p/n 409-00003-002. Reinstalled unit and checked per Aspen Install Manual, all checks good. Secured aircraft for flight. This aircraft and/or components have been inspected, and for the scope of work performed, is approved for return to service.</p>			
			<p>Inspected by,  Robert G Griffin for, Griffin Avionics, Inc. </p> <p>Ref. W.O. # 71375 Hyannis, Ma. 02601 Aircraft Reg. No.: N2112Q FAA CRS# GN1R172K</p>			

**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Aircraftsman

7000 Merrill Ave
Hangar A480/Box 100
Chino, CA 91710

Chino Airport
(909) 393-0884
(909) 393-0494 FAX

N-Number: N2112Q
Model Number: Cessna 177RG
Serial Number: 177RG0512

Airframe

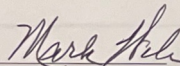
Date: 08/04/12
Tach: 2767.1
Airframe TT: 2767.1

Inspected and repaired this aircraft In Accordance With guideline as outlined in Cessna 177RG Service Manual following a hangar door lowered onto the spinner of a stationary aircraft. No damage to airframe, engine or propeller. All inspections conducted as precautionary measures.

- 1 Remove engine and propeller for inspection and repair.
- 2 Inspect engine mount, mount attachments, firewall and structure for hidden damage.
- 3 Inspect nose gear and actuator components for hidden damage.
- 4 Reinstall inspected engine.
- 5 Install inspected propeller with replacement bulkhead and spinner dome.
- 6 Inspect engine installation, all hoses and 'B' nut torques, all control terminals for large area washers, steel lock nuts or castellated nuts with installed cotter pins, all wiring routing, appropriate security with clamps, torque settings and application of torque stripe on all structural fasteners and secured lock tabs on engine mount bolts.
Service engine with appropriate oil and filter.
- 7 Replaced two sections of SCAT ducting in engine compartment.
- 8 Jack aircraft and complete gear retraction and extension.
- 9 Paint spinner and bulkhead.
- 10 Aircraft ground run satisfactorily.
- 11 Final inspection.

I Certify I have Inspected repairs performed to this aircraft and Approve it for Return To Service.

Mark Wilson A&P1783644131A



**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Affordable Avionics Inc. 7000 Merrill Ave # 18 Chino, CA 91710 8AAR592Y
LOG ID# 736 26-November-2012 WO# 817
N2112Q S/N 177RG0512 CESSNA 177RG TACH 2818.0

Pg 1 / 1

Removed Aspen S.N. 11088. Installed Aspen S.N. 11568. Post installation ground check carried out satisfactory.

Signed

Date

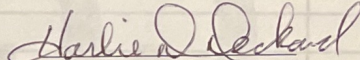
12/13/12 TACH 2825.5 ANNUAL INSPECTION FOLLOWING CARRIERAL 177RG
SERVICE MANUAL AND FAR 43 APPENDIX D CHECK LIST IELT
NEW FAR 91.207 (A) IELT BATTERY REPLACEMENT DUE OCT 2015
REMOVE CHAMP SPARK PLUGS AND REPLACE WITH RHM BREITENPOST
SPARK PLUGS REPLACE AIR FILTER, GYRO FILTER, VAC REG FILTER, REMOVED
+ REPLACE EXHAUST CLAMP BOLTS DUE TO RUST, INSPECTED REMAINING ADS
AD 87-20-03 R2, BENDIX 160 SWITCH BY OPS CK, ROUTED NEW
FUZZED WIRE TO ALTERNATOR OPS CK OF CHARGING SYS OK

NEXT PAGE

**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>ENTER THAT THIS AIRPLANE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS HEREBY APPROVED FOR RETURN TO SERVICE.</p> <p>TACH TIME <u>2825.5</u> DATE <u>13 DEC 2012</u></p> <p>OBBS _____ TTE _____</p> <p>ITAF <u>2825.5</u> TSMOH _____</p> <p>A & P/IA NO. <u>3292157</u></p> <p>SIGNATURE <u>Evan Rummig</u></p>	
<u>01/03/2013</u>	<u>2853.8</u>	<p><u>REWORK + REPLACE LANDING GEAR ACTUATOR HELM BEARING</u></p> <p><u>S 2426-6 AND BIRMINGHAM + REPLACE BOTH UPPER AW4-26A BELTS ON MAIN</u></p> <p><u>GEAR ACTUATOR SUPPORT ASSEMBLY, GEAR NOW SATISFACTORY, WORK DONE FOLLOWING CARDINAL RO SERVICE MANUAL D991-3-13 OK</u></p> <p><u>TO RETURN TO SERVICE</u></p> <p align="right"><u>Evan Rummig A&P 3292157 IA</u></p>	
<u>11/12/13</u>	<u>Tach 2976.0</u>	<p><u>Removed, resealed & serviced nose strut with nitrogen to 3/4" extension - Leak ok</u></p> <p align="right"><u>Harlie D. Deckard A&P 1829705</u></p>	

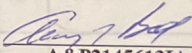
**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p align="center">S/N 177RG0512</p> <p align="center">12/4/13 Tach 2976.7 ACTT 2976.7</p> <p>C/W 50,100hr/annual inspection per Cessna 177RG Maintenance Manual - lubed all chains, pulleys, and rod ends - cleaned and repacked all wheel bearings - all tires balanced - checked all lights and warning systems - C/W Far 91.207(d) ELT system annual inspection - pressure tested cabin heat muffler, no leaks noted - cleaned battery box and serviced battery - cleaned main fuel strainer - replaced induction air filter - C/W AD 11-10-9 seats, seat tracks, and seat pin engagement - C/W AD 76-07-12 Bendix Ignition switch operational check - I certify this aircraft has been inspected in accordance with a Part 43 Appendix D annual inspection and was determined to be in an airworthy condition.</p> <p align="right">  Harlie D. Deckard A&P1829705 IA </p>	

**MAINTENANCE RECORD
F.A.R. 43.9**

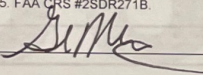
**MAINTENANCE RECORD
F.A.R. 43.9**

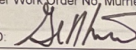
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE	DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
	N2112Q	6/23/2014 3083 TACH 1808.6					
		Install Exhaust fairing as per STC SA01386NY. Revise W&B. Filled out 337 this date, sent copy to FAA.					
		Soldered wire to throttle horn switch. Cleaned and inspected all spark plugs. Replaced out side brake plates on L&R sides. Installed all new brake linings. Bled brakes. Adjusted idle speed and mixture.					
		This aircraft was approved for return to service.					
		James H. Garner A&P 218386104, I.A.					

Reg. No. - N2112Q 177RG S/N 177RG0512	Date 12/10/14				
This Aircraft has been inspected in accordance with a Annual Inspection and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43. C/W ELT Annual inspection I.A.W. FAR 91.207 (d). For AD compliance, see recurring AD sheets and AD listing. ELT battery expires: October 2015 AD 76-07-12 (8/30/77) Mag switch checked as per Paragraphs (1)(a-d) as required, no defect noted. AD 11-10-09 (6/17/11) Visual and dimensional checks of seat rails and components complied with, no defects. Installed new Bracket air filter P/N BA-5705, replaced both MLG tires with Condor 15X6:00X6, replaced nose wheel tire with Condor 5:00X5, replaced all tubes, repacked all wheel bearings, installed Wing mirror on Right wing as per STC SA2791CE, see From 337 this date, installed new Concorde RG-35 battery, checked cable tensions and flight control travels as per Cessna Maintenance Manual, jacked aircraft, cycled through five fault free cycles and one emergency extension.	<table border="1"> <tr> <td>Tach</td> <td>3183.2</td> </tr> <tr> <td>TTAF</td> <td>3183.2</td> </tr> </table>	Tach	3183.2	TTAF	3183.2
	Tach	3183.2			
TTAF	3183.2				
Authorized Signature  A&P21456131A					

F.A.R. 43.9

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>MAKE: Cessna MODEL: 177rg S/N: 177RG0512 REG. NO: N2112Q WORK ORDER: Murrieta6819-11-2015</p> <p>Gryphon Aircraft Services, LLC. 37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260</p> <p>DATE: 2/29/2016 A/C TSN: 3289.6 TACH: 3289.6</p> <p>Airframe Entries Reassembled aircraft after transport IAW Cessna 177RG maintenance Manual. Adjusted and safetied all flight control cables. Repaired electrical wiring as required. Repaired damage to aft lower tail cone and tail skid area. Replaced lower skin P/N 1712100-7, 021208-1 Vent Fairing, 2612118-1 Skid retainer and 0540115-5 eye bolt. Removed and replaced stabilator assy with repaired unit from Airframe Components by Williams W.O. 17701, Verified control surface static balance after paint IAW MM limits. Repaired damaged paint to match aircraft using PPG Delfleet system. Replaced cabin vent SCAT-8 ducting as needed. Repair damage to tail cone upper skin (slight wrinkling in several areas) Repaired left middle stringer end crack at aft bulkhead.</p> <p>I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service All work performed IAW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta6819-11-2015. FAA CRS #2SDR271B.</p> <p>DATE: 2/29/2016 SIGNED:  Work Order: Murrieta6819-11-2015 Printed by EBis 3 (datcomedia.com)</p>	

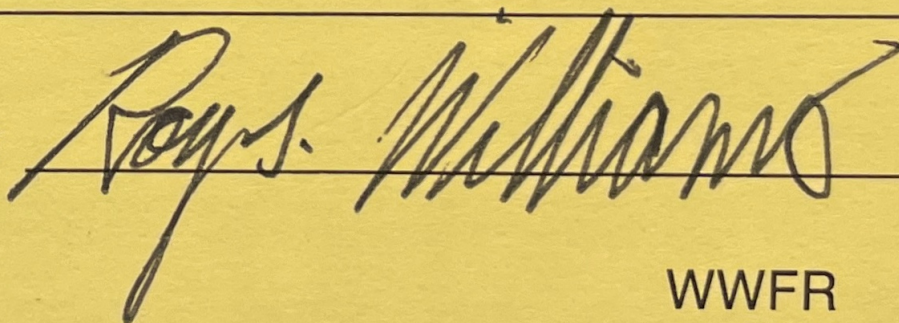
DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		<p>MAKE: Cessna MODEL: 177rg S/N: 177RG0512 REG. NO: N2112Q WORK ORDER: Murrieta6848-12-2015</p> <p>Gryphon Aircraft Services, LLC. 37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260</p> <p>DATE: 3/1/2016 A/C TSN: 3289.6 TACH: 3289.6</p> <p>Airframe Entries Completed ANNUAL INSPECTION per manufacturer's and Gryphon Aircraft Services Inspection forms - Lubricated airframe per MM. Placed a/c on jacks, performed all gear operations, ok at this time. Serviced brake and hydraulic reservoirs. See AD note update sheet and master list for complete AD note history thru this date and current revision. Replaced all main landing gear actuator o-ring seals and back-up rings. No leaks noted during multiple gear swings. Replaced nose and main landing gear actuator hydraulic hoses. No leaks noted during multiple gear swings. Replaced torn grommets for hydraulic lines in belly. Drilled and tapped new threads in nose wheel. Installed new hubcap retaining hardware. Replaced worn cowl mounts as needed (6x) P/N SK2003-14A. Reconnected scat hose to heater box. Replaced battery box lid P/N K0512167-27. Replaced nose gear rub strap. Replaced nose gear door tumblers, forks and related hardware as needed. Re-rigged nose gear door stops. Retorqued loose ground wire hardware on right lower instrument panel. Installed New Compass Correction Card. Complied with AD 2011-10-009 by inspection, no defects noted due each 100 hours. Replaced left nav light bulb P/N CM1512. Replaced pilot's seat rails P/Ns MC2011015-5 and MC2011015-9. Re-rigged nose gear retract and uplock linkages per C177RG maintenance manual. Replaced left cowl flap hinge.</p> <p>I Certify that this AIRCRAFT has been inspected IAW and ANNUAL inspection and was determined to be in AIRWORTHY Condition. All work performed IAW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta6848-12-2015. FAA CRS #2SDR271B.</p> <p>DATE: 3/1/2016 SIGNED:  Work Order: Murrieta6848-12-2015 Printed by EBis 3 (datcomedia.com)</p>	

MA
Make Cessna Model 177RG S.N. _____
P.N. 1732003-7 Title Horizontal stabilator assy.

This aircraft/component/subassembly identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this agency under Work Order No. 17701

Date: Jan. 18, 2016

Signed: _____



WILLIAMS AIRMOTIVE
A DIV. OF ACW INC.
9838 N 1100 E
Kendallville, Indiana 46755

WWFR 300K

**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Baymark aviation

March 18, 2016 **N2112Q** **Tach: 3291.4** **Hobbs:**

Replaced both brake hoses and attach fittings. Bled system and tested with no leaks.

art larrobis airframe and powerplant AP3192922

Airframe

wo: WO_120

**MAINTENANCE RECORD
F.A.R. 43.9**

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LOGBOOK ENTRY

Make/Model	Registration/Position	Serial Number	Tachometer	Date
177RG	N2112Q	177RG0512	3334.5	6/23/16

COMPLIED WITH THE FOLLOWING MAINTENANCE:

1. Replaced with new air filter, part number BA-5705.
2. Adjusted Idle Mixture.

The aircraft, airframe, aircraft engine, propeller, appliance identified above was repaired and inspected in accordance with Manufacturer's maintenance manual current maintenance rules and the Federal Aviation Regulations and is approved for return to service with respect to the work performed.



BAYMARK AVIATION
VAN NUYS, CALIFORNIA
(818) 461-2180
BERMUDA DUNES, CALIFORNIA
(442) 777-3359

Signed _____
Arthur Larrobis,
A&P 3192922

**MAINTENANCE RECORD
F.A.R. 43.9**

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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Affordable Avionics Inc. 7000 Merrill Ave # 18 Chino, CA 91710 8AAR592Y
 LOG ID# 2731 23-September-2016 WO# 2931 AC TT 3371.0
 N2112Q S/N 177RG0512 CESSNA 177RG

Pg 1 / 1

1. Installed Angle of Attack in accordance with STC SA 10822SC. Carried out function check satisfactory. Customer to performed calibration.
2. Updated Aspen PFD to Software Version 2.8.3 per Service Bulletin SB2016-01. Provided Operator with Flight Manual Supplement PN: 9000-00008-001 Rev AB dated 03/31/2016; and Instruction for Continued Airworthiness PN: 900-00012-001 Rev Y. Post ground check carried out satisfactory.

[Signature]
 Signed _____ Date 09,26,2016

**INSPECTION RECORD
F.A.R. 43.11-91.409**

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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Reg. No. - N2112Q 177RG S/N 177RG0512

Date 3/15/17

This Aircraft has been inspected in accordance with a **Annual Inspection** and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43. C/W ELT Annual inspection I.A.W. FAR 91.207 (d). For AD compliance, see recurring AD sheets and AD listing.

Tach	3412.5
TTAF	3412.5

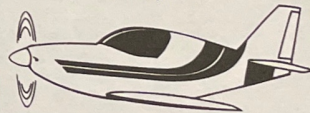
ELT battery expires: October 2020

AD 76-07-12 (8/30/77) Mag switch checked as per Paragraphs (1)(a-d) as required, no defect noted.

AD 11-10-09 (6/17/11) Visual and dimensional checks of seat rails and components complied with, no defects.

Installed new Bracket air filter P/N BA-5705, replaced vacuum relief filter B3-4-5, checked cable tensions and flight control travels as per Cessna Maintenance Manual, jacked aircraft, cycled through five fault free cycles and one emergency extension.

*Flight Sport Aviation, LLC
 Anthony Bell A&P, IA*



Authorized Signature *[Signature]*
 A&P2145613IA

**INSPECTION RECORD
F.A.R. 43.11-91.409**

AIRFRAME LOG

DATE: 6-23-2017

AIRCRAFT: Cessna 177RG

ENGINE: Lycoming IO-360-A1B6D

PROPELLER: McCauley B2D34C207 S/N: 741466

REGISTRATION: N2112Q

Serial No. 177RG0512

Serial No. L-21749

S/N: 741466

Elapsed time since last log entry: 8

TACH: 3421 TTAF: 3421

TSMOH: 444 TTE: 1145

TSMOH: 0.0 TTP: 3421

I. AIRWORTHINESS DIRECTIVES:

Complied with Airworthiness Directive 2004-10-14. SB 475C. Replaced crankshaft bolt and locking tab. Bolt torque set to 660 in. Lbs. in accordance with paragraph (6)

II. MAINTENANCE:

Propeller was removed from the aircraft due to prop strike. This prop strike did not result in a full stoppage of the engine. The propeller was overhauled by Ottosen Propeller CRS ZR2R355L under work order Number 0111056 FAA form 8130-3 111056. Re installed propeller on the airframe. Replaced Main wheel tires and inner tubes 15X6.0 and Nose wheel tire and inner tube 5.00X5. Wheel assemblies were static balanced. Replaced Propeller governor control cable. McFarlane part No. MCC299506-0105.

III. OPERATIONAL CHECK AND RUN UP.

This aircraft, engine and propeller were ground run and found to be operating within limits in accordance with the Cessna 177 Series Service Manual, Cessna 177 Owners Operating Manual, the instrument markings, controls and placards installed in the cockpit.

IV. REFERENCES:

McCauley Propeller Owners Manual. Cessna 177 Service Manual. Continental publication M-0.

Scott Farris
Scott Farris A&P 3692748 I.A.

**INSPECTION RECORD
F.A.R. 43.11-91.409**

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
		RAMP TESTED TRANSPONDER MODEL <u>GTX330</u> S/N: <u>84148547</u> MEET OR EXCEEDS REQUIREMENTS OF FAR PART 43 APPENDIX E DATE: <u>6/26/17</u> SIGNED: <i>[Signature]</i> SONORA AVIONICS, INC. DBA SOUTHWEST AVIONICS FAA C.R.S. NYRR723K <u>N2112Q TACH: 3427.8 W.O. N° 8797</u>

N2112Q
Cessna 177RG

S/N 177RG0512

FAA-CRS YXCR399X
520-682-2999

TUCSON AEROSERVICE CENTER

Tach: 3425.1

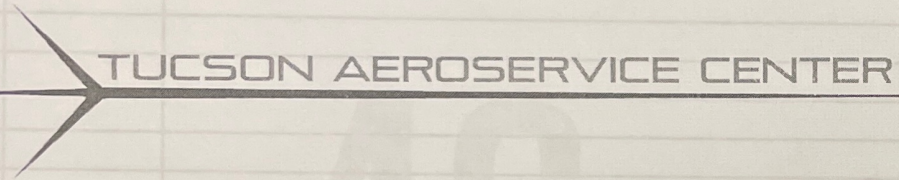
Reinstalled flaps after repair by customer. This aircraft and/or component identified above is approved for return to service for the work accomplished. Pertinent details are on file with Tucson Aeroservice Center. W.O. MA-17-5496
Work performed by M Shearl

Date: July 25, 2017

Signed: *[Signature]*
Troy Wagner FAA-CRS YXCR399X

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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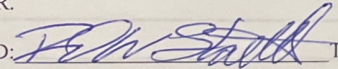


TUCSON AEROSERVICE CENTER

Tucson Aeroservice Inc.
 11700 West Avra Valley Rd. #87
 Marana, Arizona 85653 FAA CRS YXCR399X

N2112Q CESSNA 177RG S/N 177RG0512

RAMP TEST THE ADS-B SYSTEM, CHECK SETUPS AND FOUND GTN NOT CORRECTLY CONFIGED FOR ADS-B POSITION. UPDATED THE GTN650 SW TO MAIN 6.21, GPS TO 5.2 AND SOFT TOUCH TO 2.1 PER GARMIN SB 1655 REV-A. CONFIG AND TEST, UPDATED FMS TO REV-6. UPDATED THE GTX330 SW TO 8.02 PER GARMIN SB 1587 REV-A, CONFIG AND TEST. UPDATED THE FMS TO REV-2. REQUIRED PILOTS GUIDE FOR THE GTN650 190-01004-03 REV-L OR LATER, COCKPIT REF GUIDE 190-01004-04 REV-K OR LATER. GTX330 PILOTS GUIDE 190-00207-00 REV-H OR LATER.

DATE: AUG 09, 2017 SIGNED:  TACH: 3432.1 WO# AV-17-7752

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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AIRFRAME LOG

DATE: 10-17-2017
 AIRCRAFT: Cessna 177RG Serial No. 177RG0512
 ENGINE: Lycoming IO-360-A1B6D Serial No. L-21749
 PROPELLER: McCauley B2D34C207 S/N: 741466

REGISTRATION: N2112Q
 TACH: 3449 TTAF: 3449
 TSMOH: 472 TTE: 1173
 TSMOH: 28 TTP: 3449

I.MAINTENANCE:

- Replaced Main wheel tires 15X6.0 Wheel assemblies were static balanced.
- Replaced brake linings part No. 66-105 and re sealed calipers with MS28775 O rings. Serviced brake system with 5606 hydraulic fluid.
- Resealed R. and L. main gear brake pivot fittings with MS28775-010 O rings.
- Patch hole in L main gear well lining using plastic weld cement and patch.
- Installed new pilots side door window Great Lakes Aero Products Inc. part No. W/G-2148-LH. Cut out hole for camera window as originally manufactured and re installed existing camera window.

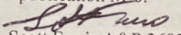
tach time last log entry 3421 elapsed time = 28

II. OPERATIONAL CHECK AND RUN UP.

- This aircraft, engine and propeller were ground run and found to be operating within limits in accordance with the Cessna 177 Series Service Manual, Cessna 177 Owners Operating Manual, the instrument markings, controls and placards installed in the cockpit.

III. REFERENCES:

- Instructions as supplied with window, McCauley Propeller Owners Manual. Cessna 177 Service Manual. Continental publication M-0.


 Scott Farris A&P 3692748 I.A.

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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Reg. No. - N2112Q 177RG S/N 177RG0512

Date 4/1/18

This Aircraft has been inspected in accordance with a **Annual Inspection** and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43. C/W ELT Annual inspection I.A.W. FAR 91.207 (d). For AD compliance, see recurring AD sheets and AD listing.

Tach	3497.3
TTAF	3497.3

ELT battery expires: October 2020

AD 76-07-12 (8/30/77) Mag switch checked as per Paragraphs (1)(a-d) as required, no defect noted.

AD 11-10-09 (6/17/11) Visual and dimensional checks of seat rails and components complied with, no defects.

Installed new Bracket air filter P/N BA-5705, replaced vacuum relief filter B3-4-5, checked cable tensions and flight control travels as per Cessna Maintenance Manual, jacked aircraft, cycled through five fault free cycles and one emergency extension.

Flight Sport Aviation, LLC
Anthony Bell A&P, IA



Authorized Signature

Anthony Bell
A&P21456131A

INSPECTION RECORD
F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	5-1-2018 C177RG	N2112Q S/N 177RG0512	SERVICE
------	--------------------------	--------------------	-------------------------	---------

Tach: 3506.2 Fuel strainer leaking. Fuel valve did not stop fuel flow - drained tanks - removed fuel strainer assy and fuel selector valve for reseal. Replaced damaged AN833-8D firewall fuel fitting elbow. Installed McFarlane FS-KT-1 Fuel Strainer Seal Kit per drawing 1603. Inspected resealed fuel selector valve and bench checked after install of seal kit FSS-KT-18 drawing 1610 Owner supplied. Installed strainer and selector valve added remaining fuel for 24 hour leak check /5-8 no leaks found. Cleaned and closed floor panels. Run up and power checks good. Ok for service.
Aaron Kurtz A&P44957 *Aaron Kurtz*

MODEL	A/C S/N	A/C REG	A/C TT	TACH	DATE
Cessna 177	177RG0512	N2112Q	3552.4	3552.4	July 1, 2019

Time Items Complied With:

- Annual Inspection IAW current Cessna 100 series service manual.
- AD 76-07-12, eff date 8/30-77 per para a, b, c. Ignition switch operational inspection, due each 100 hrs or annual.
- AD 2011-10-09 para (g), (1-10) seat rail inspection. No anomalies noted.
- Far 91.207 (d) ELT annual check performed. No anomalies noted. New battery due date _____

Maintenance Actions Performed:

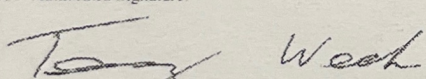
I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW CFR 91.409 (f)(3). Only those items specified have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Phil Robertson, IA 1804278

Phil Robertson

- N212Q J: 3506.2 5/1-8/2018

E	AIRCRAFT TIME IN SERVICE	5-1-
		C17
		Tach
		tanks
		dam
		Fuel
		and
		supp
		leak
		pow
		Aar

1. Approving Civil Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 6147267	
4. Organization Name and Address: Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215						5. Work Order/Contract/Invoice Number: 3093633	
6. Item: 30	7. Description: ELBOW	8. Part Number: AN833-8D	9. Quantity: 1	10. Serial Number: N/A	11. Status/Work: New		
12. Remarks: AUTHORIZED RELEASE DOCUMENT PO#: 213979							
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.				
13b. Authorized Signature: 		13c. Approval Authorization No.: PC4		14b. Authorized Signature		14c. Approval Certificate No.	
13d. Name (Typed or Printed): TERRY WEEKS		13e. Date (dd mmm/yyyy): 01/May/2018		14d. Name (Typed or Printed)		14e. Date (dd mmm/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.							

MODEL **A/C S/N**
Cessna 177 177RG0512

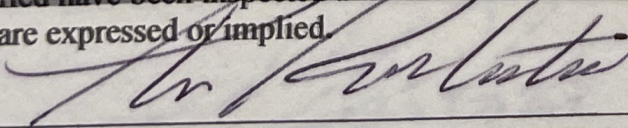
Time Items Complied With:

1. Annual Inspection IAW curr
2. AD 76-07-12, eff date 8/30-77
3. AD 2011-10-09 para (g), (1-1
4. Far 91.207 (d) ELT annual c

Maintenance Actions Performed:

I certify that the above maintenance/insp
CFR 91.409 (f)(3). Only those items spec
representations concerning Airworthiness are expressed or implied.

Phil Robertson, IA 1804278



INSPECTION RECORD

F.A.R. 43.11-91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION—STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
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MODEL	A/C S/N	A/C REG	A/C TT	TACH	DAT
Cessna 177	177RG0512	N2112Q	3594.1	3594.1	April 16, 2020

42.5 SMOH

Time Items Complied With:

Maintenance Actions Performed:

- Removed existing exhaust system and installed a PowerFlo Systems Inc part number PFS-13706, Serial number 233 iaw STC# SA03623AT installation instructions.

I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW CFR 91.409 (f)(3). Only those items specified have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Phil Robertson, IA 1804278

MODEL	A/C S/N	A/C REG	A/C TT	TACH	DAT
Cessna 177	177RG0512	N2112Q	3594.1	3594.1	April 16, 2020

Time Items Complied With:

Maintenance Actions Performed:

- Removed Ameriking ELT and installed a new ACK Technologies Inc ELT model E-04, beacon ID 2DC88 AF54A FFBFF iaw manufacturer's installation instructions. Replaced remote switch and antenna. Ran self test and registered with NOAA/SARSAT. Battery expiration date March 2025. Weight and balance change negligible.

I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW CFR 91.409 (f)(3). Only those items specified have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Phil Robertson, IA 1804278

INSPECTION RECORD

F.A.R. 43.11-91.409

MODEL	A/C S/N	A/C REG	A/C TT	TACH	DATE
Cessna 177	177RG0512	N2112Q	3605.3	3605.3	June 15, 2020

Time Items Complied With:

- Annual Inspection IAW current Cessna 100 series service manual.
- AD 76-07-12, eff date 8/30-77 per para a, b, c. Ignition switch operational inspection, due each 100 hrs or annual.
- AD 2011-10-09 para (g), (1-10) seat rail inspection. No anomalies noted.
- Far 91.207 (d) ELT annual check performed. No anomalies noted. New battery due date March 2025.

Maintenance Actions Performed:

- Greased all wheel bearings IAW MM.
- Added MIL 5606 hydraulic fluid to retract pump reservoir IAW MM.
- Lubed flap jack screw assembly IAW MM.

I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW CFR 91.409 (f)(3). Only those items specified have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Phil Robertson, IA 1804278

8/14/20 3609.7 Removed and replaced Aspen battery part 12290070 (white connector) with same battery. Battery from Sarasota Avionics. Joe Thomason ATP # 2643679. Replaced IAW Aspen manual. Joe Thomason

From: T
Sub: A

9/30/20
ROM
543679

From: aspen@aspenavionics.com,

To: michaeljob@aol.com,

Subject: CUSTOMER MEMO: New Aspen External and Internal Battery Extension by FAA

Date: Wed, Sep 30, 2020 4:20 pm

Attachments:

[Click here](#) to view this message in a browser window.

Aspen Avionics



Battery Extension
on BACK

September 30, 2020

Aspen Avionics' internal and external battery life has been extended from three to four years.

A three-year battery replacement is no longer necessary.

The Federal Aviation Administration (FAA) has recently approved the extension of Aspen Avionics internal and external batteries to extend from three to four years under Aspen Instructions for Continued Airworthiness (ICA) document 900-00012-001.

If you have a request for an internal or external battery replacement, please reference the above document.

In summary:

- ***The useful life of the internal and external batteries has been extended from three years to four years or 2200 hours whichever occurs first***
- ***If the battery fails the operational test referenced it must be replaced regardless of the time in service***
- ***The batteries must be tested IAW the ICA document every 12 months for the first 3 years, then every six months after three years to ensure adequate capacity remains to support the EFD operation in the event of power input failure***
- ***There have been no changes to the "Before Take-Off Checks" battery requirements listed in the AFMS***

Please contact your Aspen Avionics Authorized Dealer with questions.

From: support@sarasotaavionics.com,
To: Michaeljob@aol.com,
Subject: SarasotaAvionics.com - Order receipt 2046734
Date: Wed, Jul 22, 2020 6:14 pm



Order Confirmation

Thank you for placing an order at SarasotaAvionics.com. Our sales team has received the order and will reach out to you if any further information is needed. A summary for this order can be found below.

Status
Pending

Total
\$172.00

Order date
7/22/2020

Order number
2046734

Billing address

Michael O'Brien
MJ Enterprises
1810 Raintree Cir
El Lago, TX 77586
UNITED STATES
Michaeljob@aol.com
Phone: 7135010877

Shipping address


Same as billing address

Shipping method

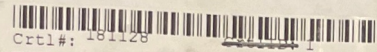
FREE Ground Shipping

Payment method

Credit card (manual)

Item	Price	Quantity	Total
 Battery Assembly (White Connector)	\$172.00	1	\$172.00
Sub-Total:			\$172.00
Shipping:			\$0.00

INSPECTIO
F.A.R. 43.



Ctrl#: 181128
PN **RAP215CC**

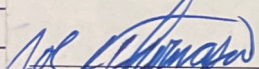
Serial#: **A73962**

SL# 26896

Cessna 177RG S/N 177RG0512
N2112Q
Lycoming Engine IO-360-A1BD6, S/N L-21749
Tach: 3614.6 TSMOH: 62.2

PERFORMED THE FOLLOWING MAINTENANCE PER CESSNA 177RG SERVICE MANUAL:
Removed defective Airborne Model 211CC Vacuum Pump. Installed new RAPCO, Model RAO215CC, Vacuum Pump, Serial A73962, purchased from Aircraft Spruce, in accordance with RAPCO instructions. Cleaned and inspected vacuum hoses. Ran engine. No leaks. Vacuum gauge reading good.

I certify that the aircraft has been inspected and found to be in airworthy condition with respect to the work performed and is approved for return to service.


09/21/20
Joe Thomason A&P 2643679

**INSPECTION RECORD
F.A.R. 43.11-91.409**

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION-STATUS & DISCREPANCY LIST
		SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
Apr 18, 2021	3630.1	Removed Concorde RG35A BATTERY AND REPLACED WITH NEW CONCORD RG35A BATTERY. Purchased from Aircraft Spruce. Phil O'Hara Owner

MODEL	A/C S/N	A/C REG	A/C TT	TACH	DATE
Cessna 177	177RG0512	N2112Q	3632.3	3632.3	May 14, 2021

Time Items Complied With:

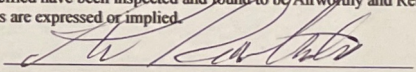
- Annual Inspection IAW current Cessna 177RG series service manual.
- AD 76-07-12, eff date 8/30-77 per para a, b, c. Ignition switch operational inspection, due each 100 hrs or annual.
- AD 2011-10-09 para (g), (1-10) seat rail inspection. No anomalies noted.
- Far 91.207 (d) ELT annual check performed. No anomalies noted. New battery due date March 2025.

Maintenance Actions Performed

- Lubed flap jack screw assembly IAW MM.

I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW CFR 91.409 (f)(3). Only those items specified have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Phil Robertson, IA 1804278



Yankee Aviation Services Inc.
320 South Meadow Rd.
Plymouth, MA 02360

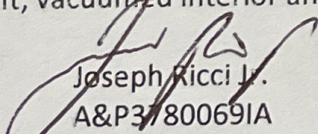
N2112Q
1/24/2024
Tach: 3696.1

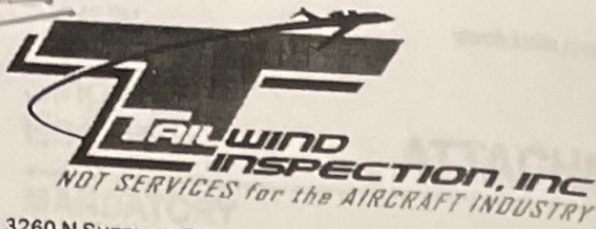
C177RG – S/N: 177RG0512
W.O #110
Total time: 3696.1

REPANCY LIST
APPROVING AIRCRAFT FOR SERVICE

I certify that I have inspected this aircraft in accordance with an Annual inspection and have found it to be in airworthy condition. Jacked aircraft and performed normal and emergency landing gear extensions. Rotated both main tires. Replaced both brake discs with new #164-04000 and 4 new linings #66-105. Serviced tires and brakes. Cleaned and repacked all wheel bearings. Added missing washer to engine side of LH lower engine shock mount. Replaced one cowl shock mount with new #SK2003-14A. C/W Powerflow exhaust annual inspection. C/W 91.207(d) battery due 03/2025. Replaced flap follow up cable with owner supplied, new #MC9864050-200. C/W AD15-19-07 fuel injection lines by inspection, next due 110 hours. C/W AD11-10-09 seat rails by inspection, next due 100 hours or annual. Fabricated and replaced hydraulic line under center floor board. Replaced vacuum filters #B3-5-1 and #AAD9-14-5. Installed Rieff HSS oil sump heater. Replaced original dual warning horn for stall and landing gear warning with owner supplied new Voice Alert #2040-1-1P, S/N: 880 IAW STC#SA03658AT installation instructions. See 337 dated this date. ... *Continued* ↓

C/W AD23-02-17 Spar carry through IAW Cessna SEL-57-09R1. Blended numerous small spots of corrosion, not to exceed limits specified in table 1. Eddy current inspection performed by Tailwind Inspection INC under their W.O #17184. Applied corrosion preventive to entire spar carrythrough and painted with Zinc Chromate. Submitted carry through inspection report as per SEL-57-09. Washed aircraft, vacuumed interior and polished windows. Static run-up CK.


Joseph Ricci Jr.
A&P3780069IA



3260 N SHERIDAN ROAD
TULSA, OK 74115
P 918.832.0700 // F 918.832.0755
FAA CRS T0WR995N
EASA145.6033

W.O. NO: 17184

PAGE 1 OF 1

NONDESTRUCTIVE TESTING REPORT

INSPECTION TYPE: RT UT ET MT PT VT

CUSTOMER: YANKEE AVIATION SERVICES, INC.		LOCATION: PLYMOUTH, MA.	
MANUFACTURER: CESSNA		MODEL: 177RG	
REGISTRATION: N2112Q		SERIAL NUMBER: 177RG0521	
TOTAL HOURS: N/A		TOTAL LANDINGS: N/A	
DATE INSPECTED: 12 DEC 2023		PRELIMINARY INSPECTION <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	HIDDEN DAMAGE INSPECTION <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> N/A
INSPECTION PROCEDURE/SPECIFICATION AD 2023-02-17, CESSNA SEL-57-09 R1, & CESSNA 177 SERVICE MANUAL 2A-13-01 (GENERAL EDDY CURRENT)			
EQUIPMENT/CALIBRATION/STANDARDS USED NORTEC 600 S/N 190001607 DUE CAL 12/2023 / .125" 1-500 KHZ PROBE / ALUMINUM CRACK STANDARD WITH .020" EDM NOTCH			

DISCREPANCIES/RESULTS

PERFORMED EDDY CURRENT INSPECTION OF CARRY-THRU SPAR LOWER AS REQUIRED BY CESSNA SEL-57-09 R1 AND AIRWORTHINESS DIRECTIVE 2023-02-17. AREAS INSPECTED WERE THE KICK AREA AND ANY AREAS OF BLENDING DUE TO VISUALLY NOTICED CORROSION.

RESULTS:

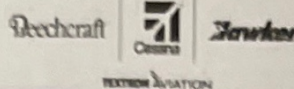
- 1) KICK AREA. **NO CRACKS OR CORROSION NOTED.**
- 2) CORROSION BLENDED AREAS **NO INDICATIONS OF CORROSION REMAIN IN BLENDED AREAS.**

Tailwind Inspection, Inc. hereby certifies that the work accomplished herein has been performed in accordance with the applicable Federal Aviation Regulations and is approved for return to service with regard to the inspection(s) performed unless discrepancies are noted.

 SIGNATURE OF INSPECTOR FOR TAILWIND INSPECTION, INC. - FAA CERTIFIED REPAIR STATION T0WR995N	II	12 DEC 2023
	CERT. LEVEL	DATE

Single Engine

ATTACHMENT



MANDATORY

SEL-57-09

CARRY-THRU SPAR INSPECTION REPORT

To:	Wichita Citation Service Center	Page: 1 of 2 Pages
	Attn: Textron Aviation Team Structures	Includes this cover sheet
	2121 S. Hoover Rd	
	Wichita, Kansas 67209	Registration No.: N2112Q
	Phone Number: 316-517-6061	Total Time in Service (Hrs.): 3696.1
	email: structures@txtav.com	
		Facility Name: Yankee Aviation Services
From:		Facility Address: 246 S. Meadow Rd Plymouth, MA 02360
Date: 1-24-2024		
Airplane Serial Number: 177R60512		
Owner's Name: Mark Rudnik		Phone Number of Facility: 508-746-5511
Owner's Address:		Fax Number of Facility: N/A
Owner's Phone Number:		
Owner's Fax Number:		

Please provide detailed and dimensioned descriptions of any crack(s) or corrosion. Attach pictures to this form as necessary.

Comments/Notes:	Cracks: Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle One)
Light corrosion around lightning holes in carry thru - AS to be expected - Blended 5 total areas of approx. 1/2 inches in total.	Corrosion: Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle One)
	Airplane Operation: Personal - Part 91
	Severe: Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle One)
	Typical: Yes <input checked="" type="radio"/> No <input type="radio"/> (Circle One)
	Unknown: Yes <input type="radio"/> No <input checked="" type="radio"/> (Circle One)

Any previously known or recorded blending or material removal on the carry-thru spar? Yes No (Circle One)

List any Structural Supplemental Type Certificates (STC's) Installed:

INSPECTION RECORD

Yankee Aviation Services Inc.
320 South Meadow Rd.
Plymouth, MA 02360

ACRAFT FOR SERVICE

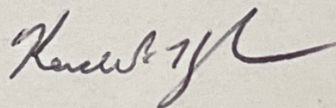
DATE

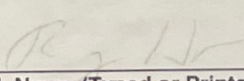
N2112Q
2/14/2025
Tach: 0.0

C177RG – S/N: 177RG0512
W.O 385
Total time: 3719.3

I certify that I have inspected this aircraft in accordance with an Annual inspection and have found it to be in airworthy condition. Jacked aircraft and performed normal and emergency landing gear extensions. . Serviced tires and brakes. Cleaned and repacked all wheel bearings. . C/W Powerflow exhaust annual inspection. C/W 91.207(d) battery due 03/2025. . C/W AD15-19-07 fuel injection lines by inspection, next due 110 hours. C/W AD11-10-09 seat rails by inspection, next due 100 hours or annual. C/W AD 93-05-06 Gerdes Ignition switch, by inspection, next due 2000 hours. Installed STC SE09445SC Gami Nozzles Kit NO. GL10-4 See 337 dated this date. Installed JPI EDM-900 IAW STC# SA01435SE see form 337 dated this date. Installed CIES Fuel quantity transmitters IAW STC# SA02511SE see form 337 Dated this date. Washed aircraft, vacuumed interior and polished windows. Static run-up OK.

Kenneth P Hughes
IA33549814



1. Approving Civil Aviation Authority/Country: FAA / UNITED STATES		2.			3. Form Tracking Number: 23736-21	
AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG					5. Work Order/Contract/Invoice Number: 31410-01	
4. Organization Name and Address: Concorde Battery Corporation 2009 San Bernardino Rd. West Covina, CA 91790					PAH No.: PQ1174NM	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Battery	RG-35A	50	41142401-41142415 41142422-41142435 41142439-41142443 41142446-41142449 41142461, 41142465 41142468-41142477	New	
12. Remarks: This PMA part is not a critical component. (Cross check eligibility at www.concordebattery.com)						
13a. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in 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.		
13b. Authorized Signature: 		13c. Approval/Authorization No.: 844651376	14b Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed): Ryan Hollett		13e. Date (dd/mmm/yyyy): 01 APR 2021	14d Name (Typed or Printed):		14e. Date (dd/mmm/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.						

1. Approving Civil Aviation Authority/Country: FAA/United States		2.			3. Form Tracking Number: 9359118	
4. Organization Name and Address: TKM, Inc. 14811 N. 73rd St., Ste. 101 Scottsdale, AZ 85260 Repair Station # ITKR1621					5. Work Order/Contract/Invoice Number:	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	MX170C NavComm Transceiver	AT170C	1	9359	Repaired.	
12. Remarks: Resolder pin on XT2115 Crystal on Nav receiver and Replaced Coax Cable on Nav receiver and Replaced C18, C47 on comm receiver Replaced C17, R17 on comm synthesizer and Retuned Nav Section and Retuned and Retape comm receiver.						
13a. 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 type="checkbox"/> Non-approved design data specified in Block 12.			14a. <input checked="" 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.			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: Eric Walker		14c. Approval/Certificate No.: ITKR1621
13d. Name (Typed or Printed):		13e. Date (dd/mm/yy):		14d. Name (Typed or Printed): Eric Walker		14e. Date (dd/mm/yyyy): 6-1-18
User/Installer Responsibilities						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.</p> <p>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.</p>						

1. Approving Civil Aviation Authority/Country: FAA/United States		2.			3. Form Tracking Number:	
AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG					5. Work Order/Contract/Invoice Number: 007147	
4. Organization Name and Address: AIRPOWER ACCESSORIES; 884 N TRAILS END, CAMP VERDE, AZ 86322						
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	VACUUM PUMP	211cc	1	615152	OVERHAUL	
12. Remarks: CERTIFIES THAT WORK SPECIFIED IN BLOCKS 11/12 WAS CARRIED OUT IN ACCORDANCE WITH PROCESS SPECIFICATION NO. 234, REVISION 02, DATED DECEMBER 14, 2008 AND WITH RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE.						
13a. 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 type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input checked="" 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.		
13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature: Bruce Taylor		14c. Approval/Certificate No.: A/P: 3514310	
13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): BRUCE TAYLOR		14e. Date (dd/mmm/yyyy): 15/Jan/2015	
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.						

MAJOR REPAIR AND ALTERATION

(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title CFR 43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. 44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. 46301(a)).

1. Aircraft	Nationality and Registration Mark N2112Q	Serial No. 177RG0512
	Make Cessna	
2. Owner	Name (As shown on registration certificate) Robert G. Allen, Trustee	Model C177
		Series
	Address (As shown on registration certificate) Address 38130 S Golf Course Dr.	
	City Tucson	State AZ
	Zip 85739	Country USA

3. For FAA Use Only

4. Type		5. Unit Identification		
Repair	Alteration	Unit	Make	Model
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in item 1 above)
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT		
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER		
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type _____	
			Manufacturer _____	

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name	James H. Garner, Against The Wind LLC	<input checked="" type="checkbox"/> U.S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Certificated Maintenance Organization	Manufacturer
Address	710 W Airport Rd.		C. Certificate No.
City	Payson State AZ		218386104
Zip	85541 Country USA		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B

Signature/Date of Authorized Individual _____ 6/23/2014

7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Person Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/> Inspection Authorization	Other (Specify)
Certificate or Designation No. 218386104		Signature/Date of Authorized Individual _____ 6/23/2014		

NOTICE

Balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N2112Q
Nationality and Registration Mark

6/23/2014
Date

Install STC SA01386NY as per installation instructions.
Revise Weight and Balance.

ICA

Check daily for cracks and looseness. Any Charring or burning is not acceptable.
Repairs may be made as per AC43.13-1B Chapter 3, Section 3.1 thru 3.4

***** NOTHING FOLLOWS *****

Additional Sheets Are Attached

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp: 8/31/2014

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N2112Q	Serial No.	177RG0512		
	Make CESSNA	Model	177RG		
2. Owner	Name (As shown on registration certificate) Allen Robert G Trustee		Address (As shown on registration certificate)		
			Address 38130 S Golf Course Dr		
			City	Tucson	State AZ
			Zip	85739	Country United States

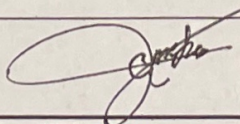
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. NYRR723K
Name Sonora Avionics, Inc DBA Southwest Avionics		<input type="checkbox"/> U. S. Certificated Mechanic	<input type="checkbox"/> Manufacturer	
Address 6262 Aviator Ln D7		<input type="checkbox"/> Foreign Certificated Mechanic		
City Tucson State AZ		<input checked="" type="checkbox"/> Certificated Repair Station		
Zip 85735 Country United States		<input type="checkbox"/> Certificated Maintenance Organization		

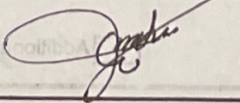
D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual  2/06/15
--	---

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. NYRR723K	Signature/Date of Authorized Individual  2/06/15
--	---

Date

2/06/15

work completed,
CH:3204.2

An alteration
requirements

WORK ORDER REPORT

Avionics Inc.

WO # 817 Task 1 AV pg 1
FAA certified Repair Station # 8AAR592Y

Name: BOAL Phone: N2112Q@gmail.com

Address:
41 Rainbow Dr
Palm desert, CA 92211 USA

W00000817001

A/C Tail #	N2112Q	Hrs	2818.00
A/C Make	CESSNA		
A/C Model	177RG	Ser#	177RG0512
Job Status	FINISHED		
Job type	STANDARD		
Open Date	Nov-27-2012 Tuesday		
Promised			
Started	Nov-26-2012 Monday		
Finished	Nov-26-2012 Monday		
Printed	Nov-27-2012 Tuesday 08:58		

Item			
Part #			
Model			
Serial #			
Mfgr.			
Discrep.	Aspen Screen Inop.		

- Discrepancy**
Aspen Screen Inop.
Task completed at Thermal
- Preliminary Inspection**
Complied with
- Hidden Damage Inspection**
N/A
- Corrective Action**
Removed Aspen S.N. 11088. Installed Aspen S.N. 11568. Post installation ground check carried out satisfactory.

NO CHARGE

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# 8AAR592Y

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the federal Aviation Administration and is approved for return to service.

[Signature]
Inspector / Authorized Signature

8AAR592Y
Certificate #

11-26-2012
Date

RADIO & ELECTRONIC CHECKS

TOTAL TIME	EQUIPMENT CHECKED	TYPE OF CHECK	ERROR OR RESULTS	NEXT CHECK DUE	CHECKED BY: SIGNATURE — CERT. NO.	DATE
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Airframe · page 1 of 1

wo: WO_9418



NexAir Avionics LLC · 246 S. Meadow Road Gate 6, Hangar SW-1 · Plymouth, MA 02360 · 508-339-7077 · CRS#: N4OR087B

February 17, 2026

N2112Q

CESSNA, 177RG, S/N: 177RG0512

TACH: 3727.4

THE # 1 ADC (PN:910-00001-001 SN:11568), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED TO 20,000 FT.

THE STBY ALTIMETER (PN:C661071-0101 SN:57815), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED TO 20,000 FT.

THE ATC TRANSPONDER (PN:011-00455-60 SN:84148547) HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR43, APPENDIX F, AS REQUIRED BY FAR 91.413.

NOTE WORK ORDER 9418 ON FILE.

THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED

Nicholas Petersen Repair Station N4OR087B