



*The Standard*

# **AIRCRAFT LOG**

**ASA-SA-1**



## Aircraft Record General Information

Manufacturer CESSNA Model 172M  
Serial 17265054 Registration Number N64160  
Date of Manufacture \_\_\_\_\_

### Engine(s) currently installed:

Manufacturer Lycoming Model O-360-A4M Serial L-37349-36A  
Manufacturer \_\_\_\_\_ Model \_\_\_\_\_ Serial \_\_\_\_\_

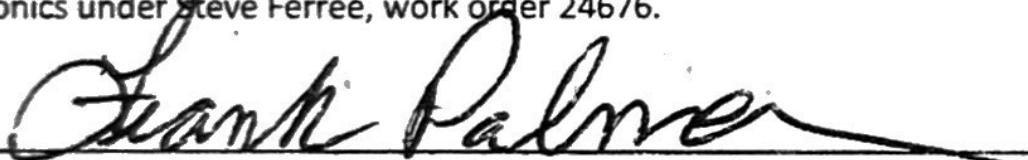
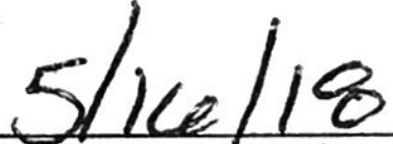
### Propeller(s) currently installed:

<sup>87</sup>  
Manufacturer ~~MCCABE~~ SENSENICH Model 76EM8514-0-60

HUB Model \_\_\_\_\_ Serial 33654K Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

YEAR 20 ____ DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks
Pacific Coast Avionics		CRS OPXR455L			
Registration: N64160		Make: CESSNA	Model: 172M	S/N: 17265054	Aircraft Time: Hobbs: 679.7 Tach: 320.6
<p>Removed Cessna C661076-0105 Horizon Gyro Attitude Indicator, s/n 10051 and associated wiring to facilitate other maintenance. Installed one Garmin G5 Electronic Flight Instrument Attitude Indicator, s/n 4JQ017532 and tested in accordance with the Garmin STC SA01818WI and the G5 Installation Manual 190-01112-10 Rev 13. NDN. Replaced alternator circuit breaker with new circuit breaker, p/n ETA-60 and associated Field circuit breaker with new circuit breaker, p/n 7274-2-5 and tested in accordance with the Cessna 172M Maintenance Manual. NDN.</p> <p>The installation of the Garmin G5 Electronic Flight Instrument; have been analyzed in accordance with 14 CFR 43 Appendix A and found to meet the requirements of a Major Alteration as defined by 14 CFR 1.1. An FAA Form 337, dated May 16, 2018 has been completed and filed with the Federal Aviation Administration. All other repairs or alterations noted in this maintenance entry have been analyzed in the same manner and found to be Minor.</p> <p>This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Steve Ferree, work order 24676.</p>					
 Signature: Frank Palmer		 Date: 5/16/2018			
-----Page 1 of 1-----					

N64160 Airframe Log 12/7/18 Tach: 5342.3 Airframe total: 5342.3

Replaced brackett air filter p/n 6108

Remove GNS 430 from rack. Removed ziptie pinched between harness backing plate and radio rack, Adjusted radio rack catch. Reinstalled GNS 430. Ops check serviceable

Relabelled Flap, Beacon, and Pitot circuit breakers per parts catalog.

Weighed fire extinguisher and still within limit

Sprayed underside of baggage compartment floor along center stringer with ACF-50

Removed zip ties that were holding wires out in the way of control column cover, and zip tied wires back out of the way behind the panel to allow full elevator up travel.

Replaced 20 AMP fuse after securing loose wiring for wing tip recognition lighting.

Removed the gascolator housing to access to the shaft o-ring, cleaned and installed new o-ring. Reassembled and reinstalled. Leak check serviceable.

Replaced riv-nut right gear root fairing.

Replaced switch p/n S1501-1 for map light on pilots door post.

CW AD18-02-04(2-21-18) N/A by date of installation no further action necessary action required.

CW AD 11-10-09 (6-17-11) by inspection of seat and track mechanisms. Next due Tach: 5442.4 or 1/1/20 WOF.

CW 14CFR91.207(D), ELT inspection. No defects found. E-04 Battery due 6/30/21 Next due 1/1/2020.

Repacked all wheel bearings with grease. Aired tires to manufacturer's specifications. Spray lubed and greased airframe as required.

I certify that this aircraft has been inspected IAW an Annual inspection and was found to be in airworthy condition.



Kyle Kennedy A&P 3425292 IA NW Airtech WO: 4306 Ph: 360-501-4631





YEAR  
20  
DATE

N64160 Airframe Log 8/2/20 Tach: 5350.8 Airframe total: 5350.8

Replaced brackett air filter p/n 6108  
Replaced brake pads p/n: RA66-105 with new pads on LH main.  
Replaced camloc fastener on cowling with new stud p/n: S1115-33.  
Replaced both fuel cap gaskets p/n: B100142-1.  
Reinstalled airspeed, & altimeter instruments after repairs by Airtech Instrument.  
Replaced Transponder with yellow tagged unit p/n 066-1034-00 s/n 21073.  
CW AD 11-10-09 (6-17-11) by inspection of seat and track mechanisms. Next due Tach: 5450.9 or 9/1/21 WOF.  
CW 14CFR91.207(D), ELT inspection. No defects found. E-04 Battery due 6/30/21 Next due 9/1/2021.  
Replaced Remote ELT switch Battery. Remote & audio alert batteries exp March 2028.  
Repacked all wheel bearings with grease. Aired tires to manufacturer's specifications. Spray lubed and greased airframe as required.  
I certify that this aircraft has been inspected IAW an Annual inspection and was found to be in airworthy condition.

  
Kyle Kennedy A&P 3425292 1A NW Airtech WO: 4390 Ph: 360-501-4631



1 or


TRANSWESTERN AVIATION SERVICES LLC

PO Box 814  
Scappoose, OR - 97056  
(503) 543-3121  
FAA Repair Station 9TWR771B

W/O# 2893  
A/C Manf Cessna  
A/C Model 172M  
A/C Reg# N64160  
A/C S/N# 17265054

and Alterations

(Certificate Number of Technician or  
Firm.)

I certify that the altimeter & static system test required by Part 91.411 Is Certified

Altimeter # 1, Certified to 29000 ft. Encoder # 1, Certified to 29000 ft.

Altimeter # 2, Certified to 29000 ft.

Inspector Signature: [Signature] Date: 7/29/20

I certify that the transponder system test required by Part 91.413, is Certified.

Transponder # 1, Manf Bradex King, Model KT 76

Inspector Signature: [Signature] Date: 7/29/20

VFR                     , VFR & Correspondence                     , IFR ✓



YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations	Technician or
20				N64160	
DATE				3/1/2021 Tach Time: 357.0	
				Removed KMA20 audio panel S/N: 12711, PM3000 intercom S/N: D12130,	
				KT76 transponder S/N: 29266.	
				Installed GMA 345 audio panel P/N: 010-01319-01, S/N: 3Z0008797,	
				GTX327 transponder S/N: 83730577.	
				Installation for 345 & 327 done in accordance with Garmin installation manuals.	
				Replaced KX175B Nav/Com S/N: 37729 with MC170C Nav/Com S/N: 8501.	
				Weight and balance updated.	
				William N. Gough	
				AP# 541569635	

**Willamette Aviation Service, LLC**

**23115 Airport Rd. NE**

**Aurora, OR 97002**

Make: Cessna

Model: C\_172

Reg. No.: N64160

Order No.: 112510

Completed: 07/27/21

S/N: 17265054

Tach Time: 5365.00

TTAF:

Installed "Door Steward" door assist gas spring modification on LH and RH doors, STC SA01120SE, Set PN: 200C10 I.A.W. Mtn View Aviation, Installation & Maintenance instructions MVA-200C10M&O. Executed Form 337 dated 07/26/2021.

Ry Prindle A&P 3436574

*Ry Prindle*

*RP*

**Pacific Coast Avionics**

CRS OPXR455L

Registration: N64160

Make: CESSNA

Model: 172M

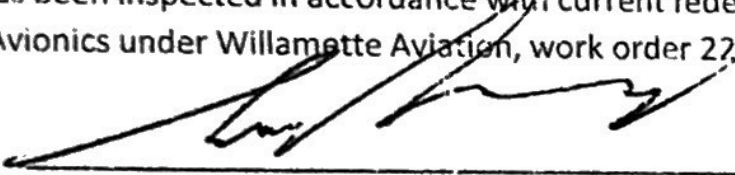
S/N: 17265054

Aircraft Time: Hobbs: 741.3

Tach: 367.50

Replaced N259-N-040, 261-N-04, 264-N-04, 272-N-04X02 nylon fittings. Tightened sump bottle on pilot side. Leak tested. Static system now meets Part 25.1325 requirements. Replaced failed Garmin G5 ADI s/n 4JQ017532 with overhauled Garmin G5 ADI s/n 4JQ031003 IAW Garmin G5 EFI Part 23 AML STC IM 190-01112-10 Rev 29. Performed 14 CFR 91.411 certification of the altimetry system. The Garmin G5 ADI s/n 4JQ031003, altimeter, static pressure system and automatic pressure altitude reporting equipment have been tested and meets the requirements of 14 CFR Part 43 Appendix E to a pressure altitude of 20,000 feet. Performed 14 CFR 91.413 certification of the Garmin GTX 327 transponder s/n 83730577 and found the transponder to meet the requirements of 14 CFR Part 43 Appendix F. Upgraded Garmin G5 ADI s/n 4JQ031003 from ver 6.82 to ver 8.0 IAW Garmin STC SB No. 22011 Rev A.

This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Willamette Aviation, work order 22-10906.

  
Signature: Travis Reynolds

08/12/2022

Date: 8/12/2022

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**Pacific Coast Avionics**

CRS OPXR455L

Registration: N64160

Make: CESSNA

Model: 172M

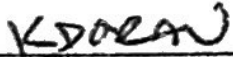
S/N: 17265054

Aircraft Time: Hobbs: 743.2

Tach: N/A

Removed inop OBS #2 Indicator King KI 214 s/n 4557 and zip tied connector to wiring harness.

This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Willamette Aviation, work order 22-11388.

  
Signature: Keith Doran

8/17/2022

Date: 8/17/2022

Page 1 of 1



**Willamette Aviation Service, LLC**

**23115 Airport Rd. NE**

**Aurora, OR 97002**

Make: Cessna  
Order No.: 120905  
S/N: 17265054

Model: C\_172  
Tach Time: 5366.10

*Ry Prindle*

Reg. No.: N64160  
Completed: 10/05/22  
TTAF: 5366.10

Complied with an annual inspection IAW 14 CFR Part 43 Appendix D, and by referencing applicable checklists and inspection documents provided in Cessna 172M Service Manual, D972-4-13, Rev. 4, dated March 1, 2004. Gyro Filter 1J10-1 and vacuum Filter ARB3-5-1 replaced. Fuel strainer screen inspected, no defects, re-assembled with new O-Ring M83248/1-111. Performed exhaust leak check, no leaks found. Airspeed Indicator PN:EA-5174, SN \_\_\_\_\_ returned from overhaul by \_\_\_\_\_, installed by Pacific Coast Avionics, inspected, secured loose static line, ops check good. Removed LH doorpost map light, and replaced with new OPLITE P/N: TASK600-TH-W/G. Wiring was accomplished in accordance with AC 43.13-1B Chapter 1. Weight change negligible, ops check good. Replaced incandescent wing-tip lights with LED Model No. Rh: P36G3T s/n 00101, Lh: P36G3L s/n 00623, per Whelen Aerospace Technologies install guide Form No. 14E25 (063021), Re-wired Precise-flight module for simultaneous flashes per MFG Doc# 015PMAN0001. Installed Whelen LED beacon/strobe P/N: 01-0772010-70, Model:OR36S1N, S/N:240047, per Whelen BCN Form No. 14B91B, Removed previously installed tail components of beacon light system, weight change negligible, placard equivalent to P/N A421 installed, See form 337 dated 7/11/2022, Inspection per Continued Airworthiness section due at next annual, lighting ops checks good. Replaced high voltage warning light P/N: S2519-1, ops check good. Replaced wire and terminals between landing light CB and switch, replaced other terminal at same switch, ops check good. Replaced battery with new same pn RG-25XC SN: 41200005. Installed new battery into ELT p/n e-04 406, and complied IAW 91.207 requirements. Serviced Nose shock strut with A.S. 4. MLG brake caliper cylinder fluid condition inspected, good. Removed LG wheel pants, Calculated weight and balance, and placed with POH. Replaced LH/RH door windows with bubble windows from Great Lakes Aero, P/N W-2903-2 IAW Great Lakes Aero Instructions A-9 & A-9B, Installed placard See 337 dated 7/12/2022 Modified Baffling at spark plug holes for cyl's 3&4 to facilitate top plug removal and installed automatic sealing baffle over access hole. AD 2011-10-09, Seat Rails and Roller Housing Inspections effective date June 17.

*RP*

*RP*

—Willamette Aviation Service, LLC

23115 Airport Rd. NE

Aurora, OR 97002

YE

20 Make: Cessna

DI Order No.: 136241

—S/N: 17265054

Model: C\_172

Tach Time: 5366.30

Reg. No.: N64160

Completed: 06/01/23 -

TTAF: -

Replaced x2 cowling Lord receptacle P/N: J-7444-14, timed magnetos to 25 degrees. Ops check good.  
—Alec Baines A&P 4563300 *Alec Baines*

Airframe

*5370.1 TACH Time OK*

N64160

12-19-2022 Tach Time ~~370.1~~ Hobbs 746.3 Removed both comm antenna's, cleaned and rebonded connections. Verified wiring, reinstalled, sealed and ops checked good. Recalibrated VOR 1 and noted VOR 2 is off by 10 degrees. ADSB traffic in/com ops checked good after verifying all wiring, cleaned connections and checked configurations. Corrected routing and connections of pitot and static lines to G5 and alternate static, leak checked good. OK for return to service. *Steve Larsen*

Steve Larsen 2852222 A/P

Pacific Coast Avionics

CRS OPXR455L

Registration: N64160

Make: CESSNA

Model: 172M

S/N: 17265054

Aircraft Time: Hobbs: N/A

Tach: 5374.5

Replaced GNS 430W p/n 011-01060-45 s/n 96305919 with direct replacement GNS 430W p/n 011-01060-00 s/n 23405561. Installed and tested IAW GNS 430W installation manual. NDN.

This aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Willamette Aviation, work order 23-15202.

*Christopher Brand*  
Christopher Brand

*6/9/23*  
Date: 6/9/2023



Make: Cessna  
Order No.: 141954  
S/N: 17265054

Model: C\_172  
Tach Time: 5366.30

Reg. No.: N64160  
Completed: 05/17/24  
TTAF: 5366.30

CW an annual inspection IAW 14 CFR Part 43 Appendix D, and by referencing applicable checklists and inspection documents provided in Cessna 172M Service Manual, D972-4-13, Rev. 4, dated March 1, 2004. ELT: CW 91.207(d), - No defect, Battery Due 07/2026. Air intake filter p/n BA6108 replaced IAW ICA Doc I-194. Fuel strainer screen inspected, no defects, re-assembled with new O-Rings M83248/1-111, /1-138. Performed exhaust leak check, no leaks found. Battery: P/N RG-25XC S/N: 41342221 Installed. Replaced battery box lid-seal with like material. Cowl mounts: R&R 2 P/N: J-7444 Lord and P/N SK2003-14A Skybolt. Alternator: Replaced Field wire, Replaced P/N: 07A21443 Lyc. Alt. Bracket, installed 2 P/N: MS25171-1s silicone nipples. N2 inflated nose strut. Nose wheel: Removed, disassembled, inspected, cleaned, and Re-packed nose wheel bearings. Cracked LH-Brake-linings P/N RA066-10500 x2 R&R, verified Rh-linings no issues. Flushed LH/RH brakes with New MIL-5606 Hyd. Fluid. Vacuum Filter ARB3-5-1 R&R. Re-routed wires in belly of A/C and secured. Cleaning & Lubrication: Cleaned 3 pully's underneath far aft baggage, LH flap roller inboard, LH/RH rudder pedal area, elevator attach LH-side. and lubricated aforementioned areas + all airframe hinge points and engine controls. Sprayed LH/RH wings with Corrosion X treatment. Secured LH&RH fuel caps to chains.

---Engine Installation---

Engine O-360-A4A, S/N L-14474-36A Installed. Serviceable 45° orifice fitting P/N 0752037-3 Installed. Primer lines; Installed P/N's: "B-nut" AN818-2D x1, "Sleeve coupling" AN819-2D x1, "Rigid-lines" copper 1/8"x0.30" x5 (~7.5'), "Tee Union" STD-853 x2, "Union-nut" AN805-2 x9, "Union-cone" AN800-2 x9, "Discharge Nipples" AN4022-1 x3, to connect Cyl's 1, 2, & 4, "Clamp" LW-18959-175-25 x3, "Clamp" LW-16266-25-13 x5, "Nut" MS21044N06 x3, "screw" STD-553 x3. Copper lines fabricated and soldered-to-union-cones using silver solder. Vac. pump Gaskets: P/N: 61183 Lyc. adaptor and P/N: 8313 Lyc Gasket installed. Fuel pump gasket P/N: 60096 for blanking plate installed. Installed new oil cooler fittings. AN816-6-6 Steel nipple, AN823-6 Steel Elbow, P/N: 0752037-3 45 degree oil restriction fitting. Installed new Mixture support bolt P/N: MS20074-04-21.

Willamette Aviation Service, LLC

23115 Airport Rd. NE

Aurora, OR 97002

Make: Cessna  
Order No.: 141954  
S/N: 17265054

Model: C\_172  
Tach Time: 5366.30

*Reg Prindle*

Reg. No.: N64160  
Completed: 05/30/24  
TTAF: 5366.30

CW an annual inspection IAW 14 CFR Part 43 Appendix D, and by referencing applicable checklists and inspection documents provided in Cessna 172M Service Manual, D972-4-13, Rev. 4, dated March 1, 2004. ELT: CW 91.207(d), -  
No defect, Battery Due 07/2026. Air intake filter p/n BA6108 replaced IAW ICA Doc I-194. Fuel strainer screen inspected, no defects, re-assembled with new O-Rings M83248/1-111, /1-138. Performed exhaust leak check, no leaks found. Battery: P/N RG-25XC S/N: 41342221 Installed. Replaced battery box lid-seal with like material. Cowl mounts: R&R 2 P/N: J-7444 Lord and P/N:SK2003-14A Skybolt. Alternator: Replaced Field wire, Replaced P/N: 07A21443 Lyc. Alt. Bracket, installed 2 P/N: MS25171-1s silicone nipples. N2 inflated nose strut. Nose wheel: Removed, disassembled, inspected, cleaned, and Re-packed nose wheel bearings, Shimmy-Damper: Flushed and bled fluid. Cracked Lh-Brake-linings P/N RA066-10500 x2 R&R, verified Rh-linings no issues. Flushed LH/RH brakes with New MIL-5606 Hyd. Fluid. Vacuum Filter ARB3-5-1 R&R. Re-routed wires in belly of A/C and secured. Cleaning & Lubrication: Cleaned 3 pully's underneath far aft baggage, LH flap roller inboard, LH/RH rudder pedal area, elevator attach LH-side. and lubricated aforementioned areas + all airframe hinge points and engine controls. Sprayed LH/RH wings with Corrosion X treatment. Secured LH&RH fuel caps to chains. --Engine Installation----  
Engine O-360-A4A, S/N L-14474-36A Installed. Serviceable 45° orifice fitting P/N 0752037-3 Installed. Primer lines; Installed P/N's: "B-nut" AN818-2D x1, "Sleeve coupling" AN819-2D x1, "Rigid-lines" copper 1/8"x0.30" x5 (~7.5'), "Tee Union" STD-853 x2, "Union-nut" AN805-2 x9, "Union-cone" AN800-2 x9, "Discharge Nipples" AN4022-1 x3, to connect Cyl's 1, 2, & 4, "Clamp" LW-18959-175-25 x3, "Clamp" LW-16266-25-13 x5, "Nut" MS21044N06 x3, "screw" STD-553 x3. Copper lines fabricated and soldered-to-union-cones using silver solder. Vac. pump Gaskets: P/N: 61183 Lyc. adaptor and P/N: 8313 Lyc Gasket installed. Fuel pump gasket P/N: 60096 for blanking plate installed. Installed new oil cooler fittings. AN816-6-6 Steel nipple, AN823-6 Steel Elbow, P/N: 0752037-3 45 degree oil restriction fitting. Installed new Mixture support bolt P/N: MS20074-04-21.

--End Engine Installation--

---AD's and ICA's---



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

23115 Airport Rd. NE

Aurora, OR 97002

Make: Cessna

Model: C\_172

Reg. No.: N64160

Order No.: 147672

Completed: 06/14/24

S/N: 17265054

Tach Time: 5389.80

TTAF:

Removed broken knife connectors and replaced with 2 pin Molex connection for the Pilot's PTT circuit. R&R Co-pilot

PTT switch and replaced connectors with 2 pin Molex. Ops check good.

Shane Elrod A&P 4434698 *Shane Elrod*

airworthy condition. A&P 3436574 IA Ry Prindle.

Ground run, ops, and leak checks good. I certify this airframe was inspected IAW an annual inspection and is in

240047 IAW Continued Airworthiness section of WAT Form No. 14B91B. Due 05/31/2025 Annual. —End AD, ICA—

1-4. Next due 05/31/2025 Annual. ICA: Inspected Whelen BCN/Strobe Model OR36S1N PN 01-0772010-70, SN

due 05/31/2025 Annual. ICA: Door Steward CW IAW MVA-200C10M&O Rev. E, July 7, 2017 SECTION B, ¶05-20

Annual. ICA: Precise Flight Pulse-Light 1210-2405-2A CW IAW Pulse-lite IM ¶1.19, 1 thru 4. No defects found. Next

05/31/2025 Annual. ICA: B.A.S. Inertia Reel Harness CW IAW, ¶4, Rev C. No defects found. Next due 5/31/2025

ICA: Garmin G5, CW IAW ¶4.2.5 Battery Capacity Check, Garmin ICA limitations. capacity: 4.5 Hrs Next due

GDL 88 CW IAW ¶2.5, Table 1, 1. thru 4. Rev 3 ICA. Next due 5/31/2025 Annual.

paragraph (g)(1) through (10) - no defects noted; next due Tach: 5484.0 or Annual 05/31/2025 W.O.F. ICA: Garmin

	Avid Avionics LLC		2890 25 <sup>th</sup> St SE
YEAR	CRS#: AVDR404E		Salem, OR 97302
20	WO#: 202408006		Phone: 971-332-9699

DATE	Date	Tach Time	Hobbs Time	Aircraft Make, Model, S/N, Registration
	8/28/2024	5394.1	782.9	Cessna 172M, 17265054, N64160

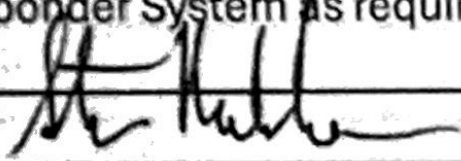
**Description:**

Performed 14 CFR 91.411 altimeter and altitude reporting equipment test and inspection Garmin G5 ADI P/N: (P/N: 011-03809-00, S/N: 4JQ031003), Altimeter (P/N: 5934P-A56, S/N: E118), and ACK Model A-30 Digitizer (P/N: A-30, S/N: 133438).

I certify that I have tested and inspected the Altimeter(s), Altitude Encoder and Static System as required by FAR 91.411 and found them to comply with FAR 43 Appendix E. Each Altimeter has been tested to 14,000 Feet.

Performed 14 CFR 91.413 ATC transponder test and inspection on Garmin GTX 327 Transponder (P/N: 011-00490-00, S/N: 83730577). Verified ADS-B Output of Garmin GDL 88.

I certify that I have tested and inspected the Transponder System as required by FAR 91.413 and found it to comply with FAR 43 Appendix F.

Name: Stephen Roderick	Signature: 	Cert #: AVDR404E
------------------------	--	------------------




YEA 20	Avid Avionics LLC			2890 25 <sup>th</sup> St SE
	CRS#: AVDR404E			Salem, OR 97302
DAT	WO#: 202411001			Phone: 971-332-9699
	Date	Tach	Hobbs	Aircraft Make, Model, S/N, Registration
	11/14/2024	5402.6	796.7	Cessna 172M, 17265054, N64160


### Description:

1. Removed TKM MX 170c (P/N: AT 170C, S/N: 8501). Removed King KI-214 Course Select Indicator (P/N: 066-3025-01, S/N: 6161). Removed 8 Amp Circuit Breaker (P/N: W58XC4C12A-8, Lot#: 435-208-101).
2. Installed King KI 209 Indicator (P/N: S/N: ) and interfaced to installed Garmin GNC 215 COM/NAV Radio per Installation Manual – Bendix/King KI 208, KI 209 Navigation Indicators (P/N: 006-00140-0004), Rev 4, Dated Aug 1, 2002 and per AC43-13-1B Dated 1998-08-08 for design of brackets, wire protection, sizing of wires and circuit breakers.
3. Installed Garmin GNC 215 COM/NAV Radio (P/N: 010-02481-01, S/N: 70D001453), 10 Amp Circuit Breaker (P/N: 7277-2-10, Lot# 2329 560), and Garmin 500 Ohm 2-way BNC splitter (P/N: 013-00112-00, S/N: N/A) per Installation Manual – TSO, GTR 205/GNC 215 (P/N: 190-02766-01), Rev 5, Dated May 1, 2024 and per AC43-13-1B Dated 1998-08-08 for design of brackets, wire protection, sizing of wires and circuit breakers. Garmin GNC 215 COM/NAV Radio interfaced to existing NAV antenna, interfaced to existing audio panel, and interfaced to installed King KI 209 Indicator. Installed software v2.11 on Garmin GNC 215 COM/NAV Radio per Garmin TSO Service Bulletin NO.: 24019 Rev A Dated March 15, 2024. Note: Garmin GNC 215 COM/NAV Radio maintenance is "on condition" only. Provided Pilot's Guide for Garmin GNC 215 COM/NAV Radio.

Verified the maximum continuous load does not exceed 80% of the alternator's rated capacity per AC43.13-1B.

Updated weight and balance by calculation and placed in the aircraft.

Name: Stephen Roderick

Signature: 

Cert #: AVDR404E

**Aurora, OR 97002**

Reg. No.: N64160  
Completed: 04/03/25  
TTAF:

Removed throttle cable, installed new Vernier style FAA PMA cable P/N: MCVAC299505-0102. Ops check good.  
Removed Mixture cable, installed New Vernier style FAA PMA cable P/N: MC600-72 , IAW Mcfarlane Aviation MC600  
Vernier Mixture Control, Drawing #:1390. Removed Fuel tank, sent to higher ground welding for repair and leak test.  
Replaced rubber bumpers in fuel tank area and cover. Replaced gaskets: B100143-1 (Slip Ring) , B100142-1 (Fuel  
Cap Seal), MC0426013-2 (Filler Neck) , MC0523619-1 (Trans. Cover) , MCS1588-1 (Transmitter).Installed fuel tank.  
Replaced 2 rivets under fuel tank. All ops and leak check good.

Alec Baines A&P 4563300 *all items*

[illegible]



Willamette Aviation Service, LLC

23115 Airport Rd. NE

Aurora,

Make: Cessna  
Order No.: 156612  
S/N: 17265054

Model: C\_172  
Tach Time: 5406.8  
5392.00  
AD 1169700

Reg. No.: N64160  
Completed: 04/23/25  
TTAF:

CW an annual inspection IAW 14 CFR Part 43 Appendix D, and by referencing applicable checklists and inspection documents provided in Cessna 172M Service Manual, D972-4-13, Rev. 4, dated March 1, 2004. ELT: CW 91.207(d), -  
No defect, Battery Due 07/2026. Air intake filter p/n BA6108 replaced IAW ICA Doc I-194. Fuel strainer screen  
inspected, no defects, re-assembled with new O-Rings M83248/1-111, /1-138. Performed exhaust leak check, no  
leaks found. Nose wheel: Removed, disassembled, inspected, cleaned, and Re-packed nose wheel bearings,  
Replaced tire and Tube, P/N: 5.00x5 6 ply, and P/N: 5.00x5 Tube. Removed LH/RH Main wheels, disassembled,  
inspected, cleaned, repacked bearings, and R&R Tire and tube assembly, P/N: 6.00x6 6 ply Tire, 6.00x6 tube.  
disassembled pilot seat assembly, inspected, removed roll pins and replaced all four seat roller assembly's, seat  
roller(4) P/N MCS1704-1, seat roller washers (8) P/N MC1714000-22, bushing seat roller(4) P/N MC1414104-54,  
cleaned, lubricated seat adjustments/ movement points with LPS-2, reassembled seat assembly. Vacuum Filter  
ARB3-5-1 R&R. Cleaning & Lubrication: all airframe hinge points and engine controls. Sprayed LH/RH wings with  
Corrosion X treatment. AD 2011-10-09, Seat Rails and Roller Housing Inspections effective date June 17, 2011,  
accomplished IAW paragraph (g)(1) through (10) - no defects noted; next due Tach: 5506.80 or Annual 04/30/2026  
W.O.F. ICA: Garmin GDL 88 CW IAW ¶2.5, Table 1, 1. thru 4. Rev 3 ICA. Next due 04/30/2026 Annual. ICA: Garmin  
G5, CW IAW ¶4.2.5 Battery Capacity Check, Garmin ICA limitations. capacity: 4.5 Hrs Next due 04/30/2026 Annual.  
ICA: B.A.S. Inertia Reel Harness CW IAW, ¶4, Rev C. No defects found. Next due 04/30/2026 Annual. ICA: Precise  
Flight Pulse-Light 1210-2405-2A CW IAW Pulselite IM ¶1.19. 1 thru 4. No defects found. Next due 04/30/2026  
Annual. ICA: Door Steward CW IAW MVA-200C10M&O Rev. E, July 7, 2017 SECTION B, ¶05-20 1-4. Next due  
04/30/2026 Annual. ICA: Inspected Whelen BCN/Strobe Model OR36S1N PN 01-0772010-70, SN 240047 IAW  
Continued Airworthiness section of WAT Form No.14B91B. Due 04/30/2026 Annual. Ground run, ops, and leak checks  
good. I certify this airframe was inspected IAW an annual inspection and is in airworthy condition.

Andrew Fuqua A&P 3121906 IA *Andrew A Fuqua*

Avid Avionics LLC CRS#: AVDR404E WO#: 1086	2890 25 <sup>th</sup> St SE Salem, OR 97302 Phone: 971-332-9699
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Date	Tach Time	Hobbs Time	Aircraft Make, Model, S/N, Registration
9/25/2025	5412.3	814.3	Cessna, 172M, 17265054, N64160

**Description:**

1. Removed STC SA01933LA-D including Garmin GNS 430W GPS/Nav/Com (p/n: 011-01060-00, s/n: 23427666).
2. Removed Bendix/King KI 209 CDI (p/n: 066-3056-01, s/n: 74469), Garmin GI 106A CDI (p/n: 013-00049-01, s/n: M99054), Sigma Tek 4000B-30 directional gyro (p/n: 1U262-001-39, s/n: T80284Q), Cessna vacuum gauge (p/n: C668509-0101, s/n: 61225), Airborne Mfg vacuum regulator (p/n: 133A16, s/n: 9S), vacuum filter assembly (p/n: 1J10-1), Rapco vacuum pump (p/n: RAP215CC, s/n: A61816), and associated wiring, trays, and installation kits to facilitate other maintenance.
3. Installed STC SA02019SE-D including Garmin GTN 650Xi GPS/Nav/Com (p/n: 011-04631-01, s/n: 5FP056878) and GCO 14 CO Detector (p/n: 011-06537-00, s/n: 8L7004784) in accordance with Garmin GTN Xi series Part 23 STC Installation Manual 190-01007-C0 Rev 13, Dated June 2025.
4. Installed Garmin G5 HSI (p/n: 3809-00, s/n: 4JQ087537), GMU 11 magnetometer (p/n: 011-04349-01, s/n: 56J128825), GAD 29D ARINC Adapter (p/n: 011-03236-21, s/n: 6V9510117), GAD 13 OAT adapter (p/n: 011-04938-00, s/n: 5YG203683), GTP 59 OAT Probe (p/n: 011-00978-0, s/n: 8DE007506), and two VFR glareshield GPS antennas (p/n: 010-12444-10, s/n: 641010479 and 641010483). Interfaced to existing Garmin G5 attitude indicator previously installed under Garmin G5 STC SA01818WI.
5. Performed 14 CFR 9.411 certification of the Garmin G5 PFD (s/n: 4JQ031003), G5 HSI (s/n: 4JQ087537), United Instruments altimeter (s/n: 6118), static system, and altitude reporting system and found all to meet the requirements of 14 CFR Part 43 Appendix E to a pressure altitude of 20,000 feet.
6. Performed 14 CFR 91.413 certification of the Garmin GTX 327 transponder (s/n: 83730577) and found the system to meet the requirements of 14 CFR Part 43 Appendix F.


ician or

Page

West

4



Name: Shawn Smith				Cert #: AVDR404E
<p>The work described above was performed in accordance with 14 CFR part 43, was subject to final inspection, and is approved for return to service only for the work performed.</p>				

**Willamette Aviation Service, LLC**

**23115 Airport Rd. NE**

**Aurora, OR 97002** or

**Make: Cessna**  
**Order No.: 166943**  
**S/N: 17265054**

**Model: C\_172**

**Tach Time: 5407.50**

**Reg. No.: N64160**  
**Completed: 01/29/26**  
**TTAF: 5407.50**

**Annual inspection of aircraft IAW FAR Part 43, Scope and Detail of Items to be Included in Annual Inspection, as applicable to the Aircraft. Inspected engine air induction filter, no contamination noted. Nosewheel bearings inspected and re-packed. Inspected and lubed all cables, pulleys, hinges, and pivot points. Gascolator inspected, no defects, replaced o-rings, p/n M83248/1-111, 1-138, no leaks. Shimmy dampener inspected, no defects. Vacuum regulator filter inspected, clean. Serviced brake master cylinders and inspected fluid condition at calipers. No defects. Conducted cabin heat exhaust shroud test, no leak. Complied with AD2011-10-09 Seat Tracks, dtd 6/17/2011 IAW Para. G(1) thru 10ii. No defects noted. Next due at tach time 5507.5 or 2/28/2027 which comes first. Complied with FAR 91.207 (d) inspection and testing of ELT. No defects noted. Battery due 07/2026 ICA: Garmin GDL 88 IAW Para. 2.5, Table 1, 1 thru 4 Rev. 3 ICA. Next due 02/28/2027 Annual. ICA: Garmin G5, CW IAW Para. 4.2.5 Battery capacity check, Garmin ICA limitations. capacity 4.5 hrs. Next due 02/28/2027 Annual. ICA: B.A.S. Inertia reel harness CW IAW Para 4, Rev. C. No defects found. Next due 02/28/2027 Annual. ICA: Precise Flight Pulse-Light 1210-2405-2A CW IAW Pulse lite IM Para. 1.19. 1 thru 4 No defects found. Next due 02/28/2027 Annual. ICA: Door Steward CW IAW MVA-200C10M&O Rev. E, July 7, 2017, Section B, Para. 05-20 1-4 Next due 02/28/2027 Annual. ICA: Inspected Whelen BCN/Strobe Model OR36S1N P/N01-0772010-70, S/N240047 IAW Continued Airworthiness section of WAT Form No. 14B91B. Next due 02/28/2027 Annual. I have inspected this airframe in accordance with an annual inspection and have determined it to be in an airworthy condition. Andrew Fuqua A&P3121906 IA *Andrew A Fuqua***

