

The Standard

AIRCRAFT LOG

ASA-SA-2

Aircraft Record General Information

Manufacturer CESSNA

Model 172 N

Serial 17272541

Registration Number N5356 D

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer LYCOMING

Model O-360-A4M Serial L-32128-36A

Manufacturer _____

Model _____

Serial _____

Propeller(s) currently installed:

Manufacturer SENSENICH

Model 76EM 8SPY-0-60

(PENN YAN)

HUB Model _____

Serial _____

Serial _____

26416 K

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
		N5856D Tach:1205.1 Date: 04-15-2013 Rigged rudder and rudder trim. all work done in accordance with Cessna 172N Service Manual <i>Randal W. Durley</i> Talladega Aircraft Maintenance Randal W. Durley A/P 3476652			
		N5356D TACH: 1210.2 10-18-13 INSTALLED CESSNA SK 210-174B. IAW WITH SERVICE KIT INSTRUCTIONS. <i>Randal W. Durley</i> A/P 3476652			

YEAR 20 ____ DATE	TOTAL TIME IN SERVICE	Current Weight and Balance Information			
		Empty Weight	Empty CG	Useful Load	Remarks
		N5856D Tach:1205.1 Date: 04-15-2013 Rigged rudder and rudder trim. all work done in accordance with Cessna 172N Service Manual <i>Randal W. Durley</i> Talladega Aircraft Maintenance Randal W. Durley A/P 3476652			
		N5356D TACH: 1210.2 10-18-13 INSTALLED CESSNA SK 210-174B. IAW WITH SERVICE KIT INSTRUCTIONS. <i>R. W. Durley</i> A/P 3476652			

Gilmer Aviation LLC

11/16/2013

N5356D Tach 1210.1 Total time 1210.1

Annual inspection completed this date as per FAR43 appendix D.
Installed new left main tire and tube. Cleaned gascolator and installed new o-rings. Installed new instrument air filter and new sponge filter. c/w ad2011-10-06 seat track and roller inspection. Next due 1310.1 or annual C/W Bendix AD76-07-12 operation inspection next due each 100 hours. Next due 1310.1. Packed wheel bearing. Lubed flap actuator. Installed EI EGT/ CHT model EC-1-AV500, s/n 261 as per STC SA1626NM. Installed EI oil pressure/ Temp, Model OPT-1, P/N ROG25R100/ VOG65R240, S/N 142185, with PT-100GA, S/N 141768 transducer, as per STC-SA5925NM. Installed EI volt/amp gauge model VA-1A, s/n 142581, as per STC 2693NM. Installed EI Carb/ OAT, Model CA-1, S/N 142846, as per STC-SA 16NM.

Gilmer Aviation LLC

11/16/1013 N5356D

Tach 1210.1

See FAA 337 dated 11/20/2013. Installed new tach cable. Installed new plastic trim from Vantage Plane plastics. Installed new wing tips from Aero Glass p/n 2019 and p/n 2020. Installed instrument panel owner furnished. Fuel gauges overhauled by lock Haven Air Parts of Lockhaven see FAA form 337 dated Sep. 30, 2013. Replaced oil and fuel hoses from Aero Hoses. I certify this aircraft has been inspected as per FAR43 appendix D for an annual inspection and was determined to be in an airworthy condition this date.

Rickey Gilmer A&P 1955732 I.A.

A handwritten signature in black ink, appearing to read "Rickey Gilmer", written in a cursive style.

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.)
				N5356D 4-15-2014
				TACH 1217.0 TOTAL TIME 1217.0
				INSTALLED TELEDYNE LED ALPHABEAM LANDING & TAXI LIGHTS P/N 2307055-1, PMA NO. PQ4015NM, REPLACING GE 4594 LIGHTS.
				INSTALLED CONCORDE RG24-15M BATTERY, REPLACING GILL G-243.
				DONALD FENTON (PILOT CERT. No.  541504893)

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)

N5356D

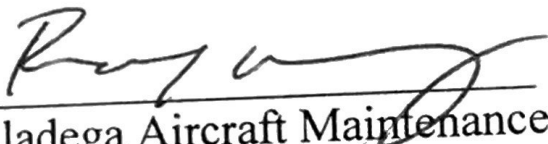
Tach: 1219.4

2014
Date: 5-7-2013

Swung compass

For: N 30 60 E 120 150 S 210 240 W 300 330

Steer: 0 30 60 90 120 150 180 210 240 W 300 330


Talladega Aircraft Maintenance
Randal W. Durley
A/P 3476652



INTERNATIONAL JETS
L39 PARTS & MAINTENANCE
CESSNA MUNICIPAL AIRPORT • GADSDEN, ALABAMA 256-442-8099

Date: 05/28/2014

(AF400 – 741866) National Fleet Orange

A&P 419258550

[illegible]

[illegible]

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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N5356D

Tach: 1235.14

Date: 09-15-2015

Removed Shoulder Harnesses and Inertia Reels. Installed BAS Inc. TSO Shoulder Harness and BAS Inc. System in accordance with BAS Report 1502, STC SA2067NM. All work done in accordance with BAS Inc. Installation Instructions Rev C dated May 3, 2006, AC 43.13-2A Section 1 through 3 and Cessna 172N Service Manual. No change to weight and balance. Replaced aft Seat Belts with BAS TSO'd Belts.



Durley Air Service

Randal W. Durley

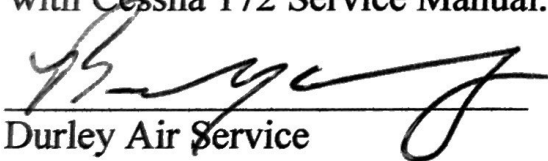
A/P 3476652

N5356D

Tach: 1237.9

Date: 10-08-2015

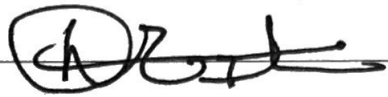
Rigged rudder trim and steering. All work done in accordance with Cessna 172 Service Manual. Operation check OK.



Durley Air Service

Randal W. Durley

A/P 3476652

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.)
	N5356D	TACH	1237.9	DATE 10-13-15
	INSTALLED	R.V.	MARINE CSR 1RVR314B	CARPET SET.
	MATERIALS	IN ACCORDANCE WITH FAR 25.853	APPENDIX F	
	PART (b)	(5)	FLAMMABILITY REQUIREMENT	WHERE
	APPLICABLE.		D. FENTON	

N5356D Tach: 1241.4 AFTT:1241.4 ETT: 780.8 PTT: 780.8 Date: 11-18-2015
 Performed an Annual Inspection. Checked battery. Replaced air filter. Installed new central vacuum and sock filters. Serviced Gascolator installed new O-rings. Removed and replaced primer nozzle #2 cylinder. Repaired forward engine baffling. Checked wheel bearings and brake pads. Serviced brake reservoirs with mil 5606 hydraulic fluid. Lubricated as needed. Checked ignition switch in the off detent position. AD 2001-23-03 Map Light Switch N/A not installed. C/W AD 2011-10-09 Seat Slippage by visual and dimensional checks next due 100 hrs or Annual Inspection. AD 2004-10-14C Due at prop strike or sudden stoppage. AD 93-05-06 Failure of ignition switches PCW 3/26/1993 next due 2662.2. I certify this airframe has been inspected in accordance with an annual inspection and determined to be in an airworthy condition.


 Durley Air Service
 Randal W. Durley
 A/P 3476652 IA

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
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Holder Aviation, Inc.
7300 Old Acton Road
Moody, AL 35004
CRS# 9HLR596B

Reg. No.: **N5356D**
Model: 172N
W. O. No.: **15-0198**

Tach/Hobbs:
Serial No.: 17272541

Installed Artex ELT P/N A3-06-2880 S/N 267-01078 Hex ID 2DC88-5886C-FFBFF, Battery P/N A3-06-2883 S/N 367202-003 Exp Date June 2022, Antenna P/N A3-06-2892-1 S/N 368018-071, ELT Remote P/N A3-06-2757 S/N 367503-080. Work was accomplished I A W Artex Installation manual No. Y1-03-0282 Rev. B.

The aircraft or appliance (s) identified above was maintained and inspected in accordance with current F.A.A. Regulations and was found to be airworthy for return to service with respect to the work performed. Pertinent details of the work are on file at this agency under the above referenced work order number.

Date: 11/11/2015

Signature:

SERIAL# 267-01078



MFG. DATE (MM/DD/YY): 09/15/15
PART # 8102 REV A
COUNTRY United States (366)
A/C #(HEX) N/A
A/C #(OCT) N/A
BLOCK # N/A A/C TAIL #: N/A
15-DIGIT HEX ID#: 2DC88 5886C FFBFF
CAGE Code 18560

RECORDING
TACH
TIME

Gilmer
2-12-20
N5356D
Tach 12
Installed
normal.
Rickey C
Pichy

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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Gilmer Aviation LLC

2-12-2016

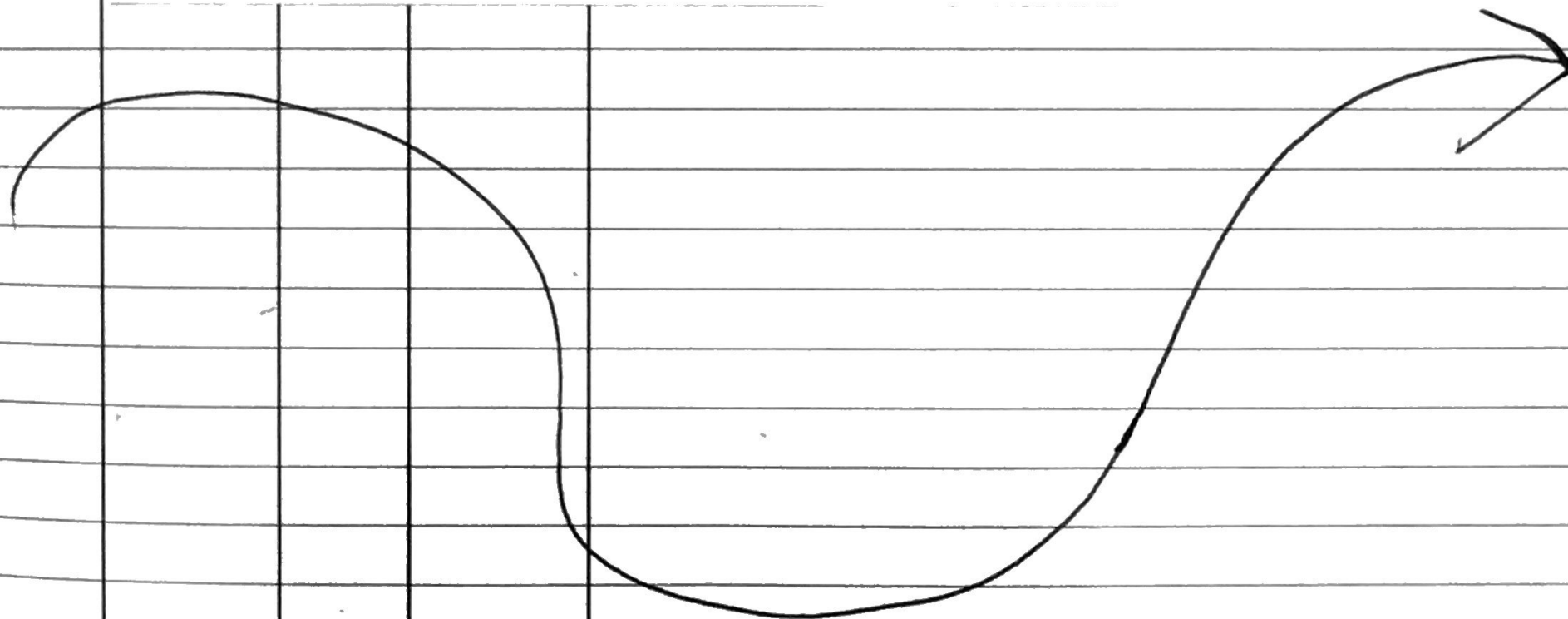
N5356D

Tach 1251.0 Engine total time 786.3

Installed new starter contactor part no. P52-0016. Ops checked
normal.

Rickey Gilmer A&P 1955732

Rickey Gilmer



TIME

SERVICE

Technician or Repair Facility. (See back pages for other speci

Gilmer Aviation LLC

N5356D Cessna 172N

11/22/2016

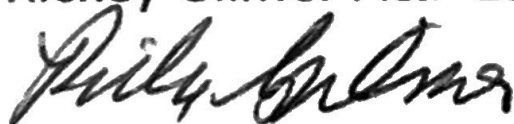
Tach 1274.3 Total time 1274.3

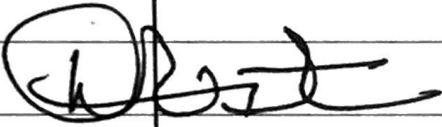
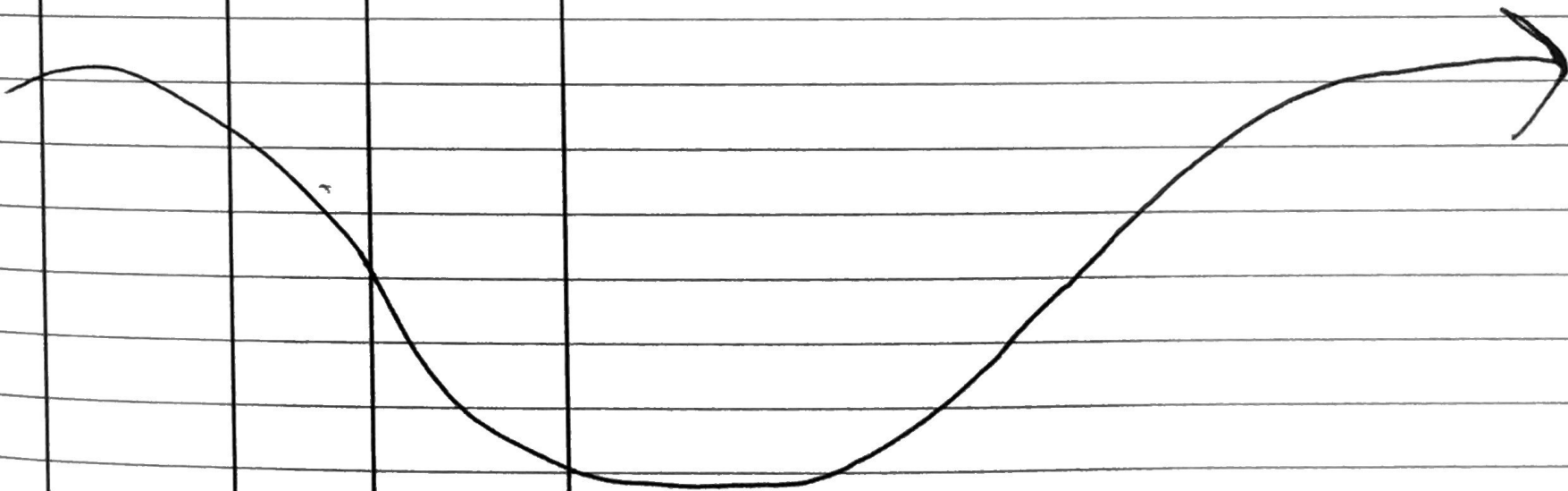
Annual inspection completed this date as per FAR43 appendix D.

Packed all wheel bearings. Cleaned gascolator and installed new O-rings. Installed new instrument air filters. C/W AD76-07-12 mag switch operational checked normal. Next due 1374.3. C/W AD20211-10-09

Seat rack and roller inspection. Next due @ 1374.3 or annual inspection. Installed new bracket air filter. I certify this aircraft has been inspected for an Annual inspection and was determined to be in an airworthy condition this date.

Rickey Gilmer A&P 1955732 I.A.



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.)
	N3356D	CESSNA 172N		
	11:25-16		TACH	1274.3 TOTAL TIME 1274.3
				SEATING UPHOLSTERY & PADDING REPLACED. MATERIALS IN ACCORDANCE WITH FAR 25.853 a, APPENDIX F, PART I (a)(1)(ii) FLAMMABILITY REQUIREMENTS
				D. FENTON 
				

**TOTAL
TIME IN
SERVICE**

Description of Inspections, Tests, Repairs and Alter
Entries must be endorsed with Name, Rating and Certificate Number
Technician or Repair Facility. (See back pages for other specific



Holder Aviation, Inc.
7300 Old Acton Road
Moody, AL 35004
CRS# 9HLR596B

Reg. No.: **N5356D**
Model: 172N
W. O. No.: **16-0140**

Tach/Hobbs:
Serial No.: 17272541

Performed ELT test to comply with 14CFR 91.207(d). No defects noted.

The aircraft or appliance (s) identified above was maintained and inspected in accordance with current F.A.A. Regulations and was found to be airworthy for return to service with respect to the work performed. Pertinent details of the work are on file at this agency under the above referenced work order number.

Date: 11/29/2016

Signature: 

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE: 23AUG17

Aircraft # N5356D

Assembled electrical cables and wiring for battery positive, battery ground, battery solenoid, battery solenoid diode jumper, battery solenoid coil jumper, starter solenoid, starter solenoid coil jumper, starter, external power solenoid, external power solenoid coil jumper, external power receptacle, engine ground braid, alternator power, alternator ground, voltage regulator harness, ignition switch harness, battery switch harness, battery switch diode jumper and land/taxi light harness in accordance with Cessna service manual wiring diagrams and AC 43.13-1B Chapter 11.-----END-----

Michael Denman A&P 3696853

Michael Denman

Gilmer Aviation LLC

8/27/2017

N5356D

Tach 1313.5 Engine time 860.6

Installed above reference wiring. Function checked normal.

Rickey Gilmer A&P 1955732

Rickey Gilmer

Gilmer Aviation LLC

9/13/2017

N5356D

Tach 1313.5

Installed new alternator filter. P/N LS03-01004.

Rickey Gilmer A&P 1955732

Rickey Gilmer

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)

Gilmer Aviation LLC

9/21/2017

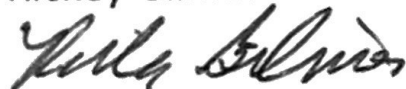
N5356D

Hobbs 866.2 Tach 1318.2

Annual inspection completed this date as per FAR 43 appendix D.

Packed all wheel bearing. Serviced nose strut. C/W Cessna AD 11-10-09 inspected seat and seat tracks. Checked normal. Next due 1418.2 or each annual. C/W Bendix AD 76-07-12 mag switch operational check. Normal. ELT batteries due June 2022. I certify this aircraft has been inspected for an annual inspection and was determined to be in an airworthy condition this date.

Rickey Gilmer A&P 1955732 I.A.



Gilmer Aviation LLC

9/21/20217

N5356D

Tach 1318.2

C/W FAR 91-207D ELT operation and inspection this date.

Rickey Gilmer A&P 1955732



YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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12-1-2017

N5356D

Tach Total Time 1330, Engine Total Time 880

Installed new Concorde RG24-15M battery, replaced like for like.

Donald Fenton - owner cert. # 541504893



8-15-2018

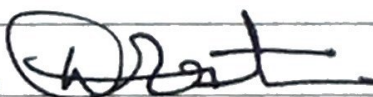
N5356D

TACH 1368 ENGINE 927.2

REPLACED ELT BATTERY P/N A3-06-2883

EXP DATE AUG 2025

DONALD FENTON - OWNER CERT. # 541504893



ACR ELECTRONICS, Inc.
Artex Products - CAGE Code 18560
Fort Lauderdale, FL 33312

LOG BOOK ENTRY N5356D
E.L.T. BATTERY
REPLACEMENT DATE 8-15-2018

[illegible]

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

8/2/2019

N5356D

Tach 1408.9 Total time 1408.9

Annual inspection completed this date as per FAR 43 appendix D. C/W Cessna AD 11-10-09 inspected seat and seat tracks. Checked normal. Next due 1508.9 or each annual. C/W Bendix AD 76-07-12 mag switch operational check. Normal. C/W FAR 91-207D ELT operation and inspection. ELT batteries due June 2022. Cleaned gascolator. Installed new brake linings. Installed new main and nose wheel tires. I certify this aircraft has been inspected for an annual inspection and was determined to be in an airworthy condition this date.

Rickey Gilmer A&P 1955732 I.A.

Rickey Gilmer

Gilmer Aviation LLC

N5356D

Total time 1408.9

Installed AOA part no. DSTR-AOA-9700K as per Installation manual p#AOA-9050 serial no. AOA13257-26c Rev. A. Calibrations completed. No structural changes. Rickey Gilmer A&P 1955732.

Rickey Gilmer

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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Gilmer Aviation LLC

11/5/2020

N5356D

Total time 1439.9

Annual inspection completed this date as per FAR 43 appendix D.

Removed all inspection panels and lubed flight controls with Tri-flow.

C/W FAR 91-207 D ELT operation and inspection completed this date.

C/W Bendix AD 76-07-12 mag switch operation inspection completed.

Nest due @ 1439.9. C/W Cessna AD 11-10-09 inspected seats and seat

tracks. Next due 139.9 or 12 months. I certify this aircraft has been

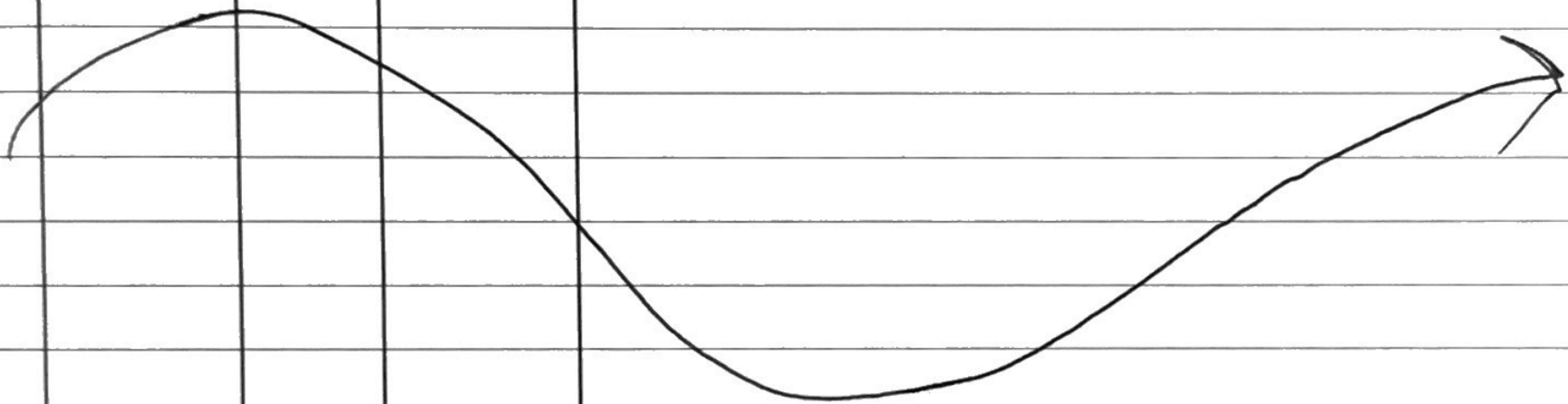
inspected for an annual inspection and was determined to be in an

airworthy condition this date.

Rickey Gilmer *IA-055732*

Rickey Gilmer

Iteration
Number of
specific entries

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.)
				N5356D 2-12-2021
				TACH 1445.6 TT Engine TT 1022.1
				Installed Concorde Battery RG24-15M, replacing same.
				Donald Fenton (Pilot Cert. No. 541504893)
				
				

Gillmer Aviation LLC

6/29/2021

N5356D

Total Time 1448.8

Engine Time 1026.1

Fabricated & installed 2-wire battery charger connection harness using MIL-W-22759/16 wire with 15A inline circuit protection fuse. Attached to battery relay and airframe ground with ring terminals. All work IAW AC43.13/1B. Verified continuity, polarity, tested with charger and for proper aircraft electrical system operation. No defects noted at this time.

Rickey Gilmer A&P 1955732 I.A.

A handwritten signature in black ink, appearing to read 'Rickey Gilmer', is written over the printed name.

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

Sign

Willamette Aviation Service, LLC

23115 Airport Rd. NE

Aurora, OR 97002

20 Make: CESSNA
DATE Order No.: 123452
S/N: 17272541

Model: 172N

Tach Time: 1479.90

Reg. No.: N53561
Completed: 07/25/22
TTAF: E

Replaced ELT battery P/N:A3-06-2883, expires Mar/2029, replaced both fuel cap gaskets P/N B100142-1. ops check good. Shane Elrod A&P 4434698 *Shane Elrod*

Willamette Aviation Service, LLC

23115 Airport Rd. NE

Aurora, OR 97002

Make: CESSNA
Order No.: 124783
S/N: 17272541

Model: 172N

Reg. No.: N53560
Completed: 08/25/22
TTAF:

Removed Electric Gyro Corp. turn coordinator Model: 1394T100-7Z S/N: 8901-125 and replaced with overhauled Electric Gyro Corp. turn coordinator Model: 1394T100-7Z S/N: 2209-58. Verified "OFF" flag goes away when aircraft master switch is turned on, and no circuit breakers are tripped. Shane Elrod A&P 4434698

Shane Elrod

Willamette Aviation Service, LLC

23115 Airport Rd. NE

Aurora, OR 97002

Make: CESSNA
Order No.: 129057
S/N: 17272541

Model: 172N

Tach Time: 1484.60

Reg. No.: N53560
Completed: 02/02/23
TTAF: 1484.60

CW an annual inspection IAW 14 CFR Part 43 Appendix D, and by referencing applicable checklists and inspection documents provided in Cessna 172N Service Manual, D2065-3-13, Rev. 3, dated March 20, 1985. ELT tested IAW 91.207(d), test good, battery due MAR/2029. Vacuum garter filter: pn ARB-3-5-1 replaced. Verified most current software version, v1-5-1 on U-Avionics tail beacon. Performed exhaust leak check-no defects found. Air filter element: pn BA-6108 replaced IAW Brackett ICA Document I-194. Lubricated moving parts/controls. Fuel strainer serviced, replaced gaskets, pn MCM 83248/1-111, MCM83248/1-138. Rerouted and secured fuel quick-drain valve cable. Carburetor; fuel inlet finger-strainer screen inspected -no defects, installed with gasket pn MC16-A48. Carb-Heat; Scat tube replaced, Cable-bracket secured with structural screws, Cable cushion set, referenced Cessna 172N maintenance manual, Section 11-63. Nose wheel: removed, cleaned, inspected, greased bearings, reinstalled. Brake system: flushed, inspected fluid quality, added 1 quart MIL5606. Implemented W.A.S. CorrosionX plan. Shimmy dampener; shimmed aft attach point. Brake fairings; Lh&Rh pn 28-08-80-A R&R. RH elevator; replaced outboard bolt, AN4-10A. Trim tab actuator; Jackscrew cleaned, inspected, greased, installed, by ref to S.M. Section 2-04-00. Figure

YEAR
20
DATEMake: CESSNA
Order No.: 143555
S/N: 17272541

Model: 172N

Ry Prindle

Reg. No.: N5356D
Completed: 04/01/24
1496.8 TTAF: *PH*

CW an annual inspection IAW 14 CFR Part 43 Appendix D, and by referencing applicable checklists and inspection documents provided in Cessna 172N Service Manual, D2065-3-13, Rev. 3, dated March 20, 1985. ELT tested good IAW 91.207(d), next due 04/30/2025, battery due MAR/2029. Vacuum garter filter: pn ARB-3-5-1 R&R. Cabin-heat system exhaust leak check -no defects. Air filter element: pn BA-6108 replaced IAW Brackett ICA Document I-194. Lubricated moving parts/controls. Fuel: strainer inspected, replaced gaskets from kit FS-KT-1 replaced leaking bowl p/n MC0756008-1 and verified vent system free of obstructions.. Verified most current software version, v1-5-1 on U-Avionics tail beacon. Carburetor; re-safetied drain plug. Secured stall warning tube and anti-chafed. Implemented W.A.S. CorrosionX plan and lubricated hinge points and pivots. AD's /ICA's checked via VERYON service. ICA: Secondary Seat Stop, CW IAW ¶4. A(1)-(7) Cessna SEB07-5 Revision 6, dated June 11, 2015. Next DUE 04/30/2025 or AFTT: 1596.8, WOF. AD 93-05-06 IGNITION SWITCHES (ACS) due TTAF 2652.2. AD 2011-10-09 Seat Rails and Roller Housing Inspections. Effective Date: 06/17/2011 CW IAW ¶ (f)(g); Next Due 04/30/2025 or AFTT:1596.8 WOF. I certify this airframe was inspected IAW an annual inspection and is in airworthy condition. Ry Prindle A&P 3436574

IA

Avid Avionics LLC
CRS#: AVDR404E
WO#: 2024070002890 25th St SE
Salem, OR 97302
Phone: 971-332-9699

Date	Tach Time	Hobbs Time	Aircraft Make, Model, S/N, Registration
8/8/2024	1553.5 (TTAF)	1161.7	Cessna 172N, 17272541, N5356D

Description:

1. Removed Vacuum Pump (P/N: AA3215CC, S/N: 09DD19). Removed Vacuum Filter (P/N: RA-D9-18-1, S/N: illegible). Removed Vacuum Regulator (P/N: 2H3-16, S/N: 10D). Removed Vacuum Gauge (P/N: C8668509-0101, S/N: W8613A). Removed BendixKing KI-203 (P/N: 066-3034-00, S/N: 4722). Removed Horizon Gyro (P/N: 361016, S/N: 34231). Removed Directional Gyro (P/N: 1U262-001-39, S/N: T63152M). Removed BendixKing Audio Panel KA-134 (P/N: 071-2009-12, S/N: 14440). Removed BendixKing VHF COM Transceiver KY-96A (P/N: 064-1052-70, S/N: 6503). Removed Garmin GPS-150XL (P/N: 011-00345-00, S/N: 81703106). Removed BendixKing KX-125 Radio (P/N: 069-01028-1101, S/N: 3571). Removed Garmin GTX 327 (P/N: 011-00490-00, S/N: 83735264). Removed David Clark ISOCOM Intercom (P/N: 18486 G-01, S/N: 1011014). Removed BendixKing KA-39 Voltage Converter (P/N: 071-1041-01, S/N: 29696). Removed FN200 Cooling Fan (P/N: FN-200, S/N: illegible). Removed Narco AR-850 Altitude Reporter Encoder (P/N: AR-850, S/N: 61491). Removed 3 Amp

YEAR 20 DA	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number
				Circuit Breakers (Quantity 5, P/N: W58-XC4C12A-3, S/N: illegible). Removed 10 Amp Circuit Breakers (Quantity 2, P/N: W58-XC4C12A-10, S/N: illegible). Removed 1 Amp Circuit Breakers (P/N: W58-XC4C12A-1, S/N: illegible). Removed Garmin GA-56 GPS Antenna (P/N: 011-00134-00, S/N: 59056998). Removed Transponder Antenna (P/N: illegible, S/N: illegible).
				2. Removed STC#SA04427CH including UAVionix Tailbeacon (P/N: UAV-1002183-001, S/N: 2020095).
				3. Installed STC# SA02658SE including Garmin GI 275 ADI with Backup Battery with Software v3.20 (P/N: 011-04489-10, 5MZ120313), Garmin GI 275 HSI/Standby ADI with Backup Battery with Software v3.20 (P/N: 011-04489-10, S/N: 5MZ119563), Garmin GTP 59 (P/N: 011-00978-00, S/N: 47993758), and Garmin GMU 11 (P/N: 011-4349-01, S/N: 56J121483) per Installation Manual – STC Part 23, GI 275 (P/N: 190-02246-10), Rev 19, 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.
				4. Installed STC# SA02019SE-D including Garmin GTN 650Xi Navigator (P/N: 011-04631-01 , S/N: 5FP054187) with Software v20.42 and Garmin GA 35 GPS/WAAS Antenna (P/N: 013-00235-00, S/N: 235630) per Installation Manual STC Part 23, GTN Xi Series (P/N: 190-01007-C0), Rev 11, Dated May 1, 2024, and per Installation Manual, GA 35, GA 36, GA 37 Antenna (P/N: 190-00848-00), Rev F, Dated July 1, 2014 and per AC43-13-1B Dated 1998-08-08 for design of brackets, wire protection, sizing of wires and circuit breakers.
				5. Installed STC# SA01714WI including Garmin GTX 345 ADS-B In/Out Transponder (P/N: 011-03302-02, S/N: 7KV002620) with Software v2.85 and ADS-B Software v3.51 and Comant CI-105 Transponder Antenna (P/N: CI-105, S/N: 115881) per Installation Manual – STC Part 23, ADS-B GTX 3XX (P/N: 190-00734-10), Rev 17, 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.
				6. Installed STC#SA800EA including Whelen LED Taillight (P/N: 01-0771554-03, S/N: 370297) per Installation Guide/ICA: Models 7155403 (P/N: 01-0771554-03), Dated 2011 and per AC43-13-1B Dated 1998-08-08 for design of brackets, wire protection, sizing of wires and circuit breakers.
				7. Installed Garmin GTR 205 COM Radio (P/N: 011-05287-00, S/N: 70E001248) with Software v2.11 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.

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Description of Inspections, Tests, Repairs and Alterations

8. Installed Garmin GMA 345 Audio Panel (P/N: 011-03520-21, S/N: 5JB100548) with Software v2.20 per Installation Manual – GMA 342/345 (P/N: 190-01878-02), 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.
9. Installed 5-Amp Circuit Breakers (Quantity 7, P/N: 7277-2-5, LOTS: 2352 998, 2409 736, 2409 695, 2409 699, 2352 998). Installed 3-Amp Circuit Breaker (Quantity 1, P/N: 7277-7-3, LOTS: 2337 377). Installed 2-Amp Circuit Breaker (P/N: 7277-2-2, S/N: 2346 251).
10. Provided Pilot Guide for Garmin GI 275 ADI, Garmin GI 275 HSI/Standby ADI, Garmin GTN 650 Xi Navigator, Garmin GTR 205 COM Radio, Garmin GMA 345 Audio Panel, Garmin GTX 345 Transponder and placed in aircraft.
11. Provided ICA for Garmin GI 275 Indicators from Maintenance Manual w/ICA – STC Part 23, GI 275 (P/N: 190-02246-11), Rev 9, Dated May 1, 2024 and placed with aircraft records.
12. Provided ICA for Garmin GTN 650 Xi Navigator from Maintenance Manual w/ICA – STC Part 23, GTN Xi (P/N: 190-01007-C1), Rev 5, Dated May 1, 2024 and placed with aircraft records.
13. Provided ICA for Garmin GTX 345 Transponder from Maintenance Manual w/ICA – STC Part 23, ADS-B (P/N: 190-00734-11), Rev 8, Dated June 1, 2021 and placed with aircraft records.
14. Provided ICA for Whelen LED Taillight from Installation Guide/ICA Models 7155403, Dated 2011 and placed with aircraft records.

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YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
20				15. Note: Garmin GTR 205 COM Radio and Garmin GMA 345 Audio Panel maintenance is "on condition" only.
DATE				16. Provided AFMS, GI 275 Part 23 AML STC (P/N: 190-02246-12), Rev 12, Dated May 1, 2024 and placed with aircraft flight manual.
				17. Provided AFMS – Part 23, GTN Xi Series v20.41+ (P/N: 190-01007-C2), Rev 8, April 1, 2024 and placed with aircraft flight manual.
				18. Provided AFMS – Garmin GTX 33X and GTX 3X5 Transponders and ADS-B v8.04/v2.85 (P/N: 190-00734-15), Rev 6, Dated May 1, 2024 and placed with aircraft flight manual.
				19. Placed 8130s, Software Service Bulletins, STCs, and STC Permission Letters with aircraft records.
				20. Filed FAA Form 337 and placed copy with aircraft records.
				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

AR

Avid Avionics

CRS#: A

WO#: 20

Date

8/14/2024

Description

Removed

Indicator

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YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
2020	Avid Avionics LLC			Entries must be endorsed with Name, Rating and Certificate Number of (es.)
	CRS#: AVDR404E			2890 25 th St SE
	WO#: 202407000			Salem, OR 97302
				Phone: -332-9699
Date	Tach Time	Hobbs Time	Aircraft Make, Model, S/N, Registration	
8/14/2024	1553.5 (TTAF)	1162.5	Cessna 172N, 17272541, N5356D	

Description:

Removed Cessna Airspeed Indicator (P/N: C661065-0102, S/N: 18160) due to case leak. Installed Cessna Airspeed Indicator (P/N: C661065-0102RX, S/N: 8859). Verified airspeed indication and static leak rate.

Performed 14 CFR 91.411 altimeter and altitude reporting equipment test and inspection on Altimeter P/N: (P/N: 5934P-3, S/N: 422704) Garmin GI 275 ADI (P/N: 011-04489-10, S/N: 5MZ120313), and Garmin GI 275 HSI/STDBY ADI (P/N: 011-04489-10 S/N: 5MZ119563).

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 18,000 Feet.

Performed 14 CFR 91.413 ATC transponder test and inspection on Garmin GTX 345 Transponder (P/N: 011-03302-02, S/N: 7KV002620). Verified ADS-B Output.

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:

Stephen Roderick

Cert #: AVDR404E

N5356D 172N S/N 17272541

12/31/2024 Aircraft TT 1595.3 Tach 1595.3 Remove Alternator P/N 00318 S/N 6010215 Model DOFF10300B and install Newly O/H Alternator P/N 00318 S/N E021067 Model DOFF10300B by (Falcon Aero) see 8130-3 dated 17/Oct/202, Adjusted Regulator for output voltage to within specs. ops checked good. Airwerks LLC Marvin Coolidge *Marvin Coolidge* AP27571071A.

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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N5356D 172N S/N 17272541

7/1/2025 Aircraft TT 1609.6 Tach 1609.6 Comply with annual inspection this date as per Cessna 172 inspection guide. Remove and install new engine induction filter Bracket P/N BA6108. C/W ELT functional test as per FAR 91.207 (d) Battery P/N A3-06-2883 replacement date March 2029. Remove and reinstalled Portable Fire Extinguisher Amerex Model C352 S/N B-00096626 after 12 year Hydro test C/W by Huser Sales & Service. All AD's checked through Biweekly 2025-12. Found AD 2024-103 N/A by not having STC Installed. C/W AD 2011-10-09 by inspecting seat tracks, seat engagement pin's, seat rollers, roller housing and tangs as per AD, Found ok at this time next inspection due at tach time 1709.6 or next annual. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition at this time. Airwerks LLC Marvin Coolidge *Marvin Coolidge* AP2757107IA.

N5356D 172N S/N 17272541

6/26/2026 Aircraft TT 1609.7 Tach 1609.7 Comply with annual inspection this date as per Cessna 172 inspection guide. Remove and install new engine induction filter Bracket P/N BA6108. C/W ELT functional test as per FAR 91.207 (d) Battery P/N A3-06-2883 replacement date March 2029. All AD's checked through Biweekly 2026-12. C/W AD 2011-10-09 by inspecting seat tracks, seat engagement pin's, seat rollers, roller housing and tangs as per AD, Found ok at this time next inspection due at tach time 1709.7 or next annual. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition at this time. Airwerks LLC Marvin Coolidge *Marvin Coolidge* AP2757107IA.