5/4/2023 N91PF

Tach Hours:: 7229.3 ETT::4586.1 SMOH ::0

Completed annual inspection in accordance with manufacturers inspection procedures manual. installed Overhauled Engine on N91PF. Model # IO-360-L2A, S/N L-36596-51E. See Attached list for parts replaced during the engine change. Inspected engine IAW lycoming and cessna annual inspection.. Serviced engine with 7 QTS Aeroshell mineral oil. Inspected fuel gascolater and servo inlet screen. Complied with AD15-19-07 Insp of external fuel injector lines and clamps by visual inspection. C/W AD 01-06-17, improper fuel flow settings by adjusting fuel servo. Checked AD compliance through BW 2023-09. All work done IAW cessna and Lycoming MM. Engine run up and leak check satisfactory, no defects noted at this time.

I certify that this engine has been inspected in accordance with a annual inspection and was determined to be in a airworthy condition.

Signed [redacted]

Teddy Grodzki [redacted]

Serial # L-36596-51E

D	Signature
BR	

Date	Time Run (Hours)
BROUGHT FORWARD	

Deland Aviation

N91PF DATE : 6-Oct-23 TACH: 7328.7

		TOTAL TIME	TIME S.M.O.H
AIRCRAFT :	S/N: 172S-10302	12004.6	
ENGINE :	S/N: L-36596-51E	4685.5	99.4
PROPELLER :	S/N: AHI23033	6976.9	305.2

INSPECTION:

A 100 HOUR INSPECTION WAS PERFORMED IN ACCORDANCE WITH 14CFR 91.409 AND 14CFR 43 APPENDIX D.

MAINTENANCE NOTES:

CHANGED OIL AND FILTER. SERVICED ENGINE WITH 8 QTS. AEROSHELL 15W50 OIL, AND INSTALLED A NEW CH48111-1 FILTER, and AN900-16 crush gasket. CLEANED, GAPPED, TESTED AND RE-INSTALLED SPARK PLUGS .

COMPRESSIONS: #1 78/80 #2 78/80 #3 78/80 #4 78/80.

SEE WORK PACKET FOR ADDITIONAL MAINTENANCE DETAILS.

AIRWORTHINESS DIRECTIVES:

A.D. RECORDS CHECKED THRU REVISION DATE 6-Oct-23

C/W A.D. 2015-19-07, FUEL LINE INSP. DUE EVERY 100 HRS. - DUE: 7428.7

I CERTIFY THAT THE ENGINE AND PROPELLER IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND TO BE AIRWORTHY. THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.

KOREY DICKERSON [redacted]

Page Total: _____

Brought Forwa

Total to Date:

All repair data must bear the endorse... certified mechanic, and his/her ... number MUST be show...

Engine Log & Maintenance Record

LOG #: 1

RECORD OF Lycoming (MAKE) IO-360-L2A (MODEL) L-36596-51E (SERIAL)

AIRCRAFT REGISTRATION NUMBER: N91PF

FROM 5/3 2023 TO _____ 20___

DETAILING TIME FROM TT 4586.1 (HOURS) TO _____ (HOURS)

If used on a multi-engine aircraft: ____Right ____Left X Front ____Rear

Overhaul Reciprocating Engine Certificate

This is to certify that the engine as described hereinafter has been OVERHAULED in accordance with the applicable Lycoming specifications. It has been determined airworthy to return to service and is in a condition for safe operation. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Publications have been complied with. All accessories as part of the type certificate are new or newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

LYCOMING™

Part Number	HENPL-RT10437
Serial Number	L-36596-51E
Engine Model	IO-360-L2A
Work Order	JN801353
Total Time	4586.1

[redacted]

Repair Station EJ1R115K

652 Oliver Street Williamsport, PA 17701 U.S.A.
Lycoming Engines is a division of Avco Corporation

Form 2480 Rev 05/13

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AIRCRAFT MAINTENANCE RE

CRIPTION OF WORK
TIFICATE NUMBER OF

Deland Aviation

N91PF DATE : **6-Oct-23** TACH: **7328.7**

		TOTAL TIME	TIME S.M.O.H
AIRCRAFT :	S/N: 172S-10302	12004.6	
ENGINE :	S/N: L-36596-51E	4685.5	99.4
PROPELLER :	S/N: AHI23033	6976.9	305.2

INSPECTION:

A 100 HOUR INSPECTION WAS PERFORMED IN ACCORDANCE WITH 14CFR 91.409 AND 14CFR 43 APPENDIX D.

MAINTENANCE NOTES:

DRESSED AND PAINTED BLADES AS NEEDED

SEE WORK PACKET FOR ADDITIONAL MAINTENANCE DETAILS.

AIRWORTHINESS DIRECTIVES:

A.D. RECORDS CHECKED THRU REVISION DATE 6-Oct-23

I CERTIFY THAT THE PROPELLER IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND TO BE AIRWORTHY. THIS PROPELLER IS APPROVED FOR RETURN TO SERVICE.

KOREY DICKERSON A&P# [redacted]

10/20/2022 N91PF Cessna 172 NAV III Propeller Logbook

Tach Hour: 7023.5 :: Propeller TT: 6671.7

Year:

Performed 100 hour inspection IAW FAR 43 appendix D and Cessna MM.

Date:

Installed propeller P/N 1A170E/JHA7660 S/N AH123033 after compliance with S/B 240E Inspection. Work Done by ircraft propeller works, Under WO 1A170E/JHA7660. Completed propeller 100 hour inspection in accordance with manufacturers inspection procedures manual. All work performed IAW McCauley and Cessna MM 100 hour checklist. Checked AD compliance through BW 2022-22.

Next Due:

I certify that this Propeller has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

Signed [redacted]

Ryan Moone[redacted]

Year:

Date:

Next Due:

11/10/2022 N91PF Cessna 172 NAV III Propeller Logbook

Tach Hours: 7066.4 PTT: 6714.6

Year:

Inspected Propeller and Completed 100 Hour Inspection in accordance with FAR 43 appendix D, McCauley and Cessna MM.

Date:

All work performed IAW McCauley and Cessna MM 100 Hour Inspection checklist. Checked AD compliance thru BW 2022-23.

Next Due:

I certify that this propeller has been inspected in accordance with a 100 Hour Inspection and was determined to be in an airworthy condition.

Signed [redacted]

Ryan Moon[redacted]

5/4/2023 N91PF Cessna 172 NAV III Propeller Logbook

Tach Hours:: 7229.3 :: Propeller TT:: 6877.5

Year:

Completed annual inspection in accordance with manufacturers inspection procedures manual.

Date:

Propeller S/N AHI123033 was removed from Engine S/N L-33810-51E and reinstalled on overhauled engine S/N L-36596-51E .Completed propeller Annual inspection in accordance with manufacturers inspection procedures manual. All work performed IAW McCauley and Cessna MM Annual Inspection checklist. Checked AD compliance through BW 2023-09

Next Inspec Due:

I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Year:

Signed [redacted]

Date:

Teddy Grodzki[redacted] IA

Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station #
Year:	Total Time in Service	Description
Date:		
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station #

ALTERATIONS

1-800-25
570-323
are Monda
.com

Aircraft Weight and Balance Revision

Tail Number: **N91PF**			Date: 1/12/2022
Prepared by: Nathan Thacker			Work Order No:
			Type Certificate Data No:
Aircraft Make: Cessna	Model: 172S	Serial No: 172S10302	Time: TACH 6233.6
Registered Owner: Paragon Flight Training		Address: [redacted]	

Maximum Weight **2558.0**	CG Range FWD **35**	AFT **47.3**	
As Received; Date of Previous Weight and Balance: 8/23/2019	**Useful Load:** 815.60	**EW:** 1742.40	**EWCG:** 41.63	**Moment:** 72533.69

Notes:

	Weight	Arm	Moment
Removed Components required for front seat inflatable restraint	-.3	45.3	-13.59
Removed SA01700LA Front seat inflatable restraint system	-3.8	45.3	-172.14
Installed pilot and copilot seat belts	2	45.3	90.60
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00
	0.00	0.00	0.00

☒ As Calculated	Moment 72438.56	**New Empty Weight CG**	**New Useful Load**
As Weighed	Weight 1740.30	**41.62**	**817.70**

Signature Nathan Thacker [redacted]

Repair Agency or License No: [redacted]

AIRFRAME
MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N91FF

fg. CESSNA Model 172SP Serial No. 172S10307

g. _____ Model _____ Serial No. _____

g. _____ Model _____ Serial No. _____

lfg. _____ Model _____ Serial No. _____

gn No. _____ Hub Serial No. _____

sign No. _____ Blade Serial No's. _____

_____

_____

g. _____ Model _____ Serial No. _____

n No. _____ Hub Serial No. _____

gn No. _____ Blade Serial No's. _____

_____

_____

(All applicable information must be filled in)

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Page No.

RMING WORK

06/09/2023 **N91PF** **Cessna 172S** **Airframe Logbook**

TACH: 7236.6 : AFTT: 11905.2
Inspected and found # 3 cyl cht indication erratic or red X . Traced to broken wire on #3 CHT harnes on airframe side of wiring harness. Repaired broken wire. Op ck good, no defects noted at this time. All work done IAW Cessna MM.
The above work was completed IAW regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Si[redacted]

Ryan Moon[redacted]

AERO-MACH LABS INC
WICHITA, KS.

TESTED BY:
UNIT SERIA
EST BO
DMM
DM

8-3-2023 TACH: 7239.3 RESKINNED RUDDER WITH A NEW MC0533150
PAINTED MATTERHORN WHITE. BALANCE CHECK OK. MOUNTED
AND PERFORMED OPERATIONAL CHECK-GOOD [redacted]

Deland Aviation

N91PF DATE : 8/10/2023 TACH : 7239.3

MAINTENANCE NOTES:

REMOVED AND REPLACED STBY BATTERY P/N: S4236-7 OPS CHECK GOOD
NO DEFECTS NOTED.

SEE WORK PACKET AT THIS FACILITY FOR ADDITIONAL MAINTENANCE.

I CERTIFY THAT THE AIRCRAFT IDENTIFIED ABOVE WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND TO BE AIRWORTHY.
THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

KOREY DICKERSON A[redacted]

Deland Aviation

N91PF DATE : 6-Oct-23 TACH: 7328.7

		TOTAL TIME	TIME S.M.O.H
AIRCRAFT :	S/N: 172S-10302	12004.6	
ENGINE :	S/N. L-36596-51E	4685.5	99.4
PROPELLER :	S/N: AHI23033	6976.9	305.2

HOBBS 6092.7

INSPECTION:
A 100 HOUR INSPECTION WAS PERFORMED IN ACCORDANCE WITH 14CFR 91.409 AND 14CFR 43 APPENDIX D.

MAINTENANCE NOTES:

CLEANED INDUCTION AIR FILTER, INSPECTED VAC RELIEF AND CENTRAL VAC FILTERS. INSPECTED ELT AND TESTED ELT AS PER FAR 91.207d - ELT BATTERY - DUE: MAY - 2024.
Removed and replaced mixture cable, Installed co-pilot lower heat vent, and filled compass with compas fluid.

SEE WORK PACKET FOR ADDITIONAL MAINTENANCE DETAILS.

AIRWORTHINESS DIRECTIVES:

A.D. RECORDS CHECKED THRU REVISION DATE 6-Oct-23	
C/W A.D. 2015-19-07,FUEL LINE INSP. DUE EVERY 100 HRS. - DUE:	7428.7
C/W A.D. 2001-06-17, FUEL FLOW SETTINGS, AS NEEDED - DUE:	7428.7
C/W A.D. 84-26-02, INDUCTION FILTER, DUE EVERY 500 HRS - DUE:	7729.3
TIME CHANGE, AVIONICS SWITCH. DUE EVERY 500 HRS - DUE	7828.5
A.D. 2013-11-11, ENG. OIL PRESS SW. DUE EVERY 3000 HRS - DUE:	10229.3

I CERTIFY THAT THE AIRFRAME IDENTIFIED ABOVE WAS INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND TO BE AIRWORTHY.
THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE

KOREY DICKERSON [redacted]

SUB-TOTAL this page

TOTAL-Carry forward to next page

Page No. _____

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.)

12/23/2022 **N691PF** **Cessna 172 NAV IIII** **Airframe Logbook**

Tach Hours: : 7137.7 Airframe TT: 11813.6

Completed 100 Hour inspection in accordance with FAR 43 Appendix D and manufacturers inspection procedures manual.

Checked aircraft battery, checked all lights, checked tires and brakes, Serviced brake master cylinder with 5606 hydraulic fluid. Checked exhaust assy. Checked and lubed all flight controls and nose gear assy. Checked all flight control rigging for proper installation and cable tensions. Checked seatbelts and stops. C/W ELT inspection by visual inspection. Tested ELT IAW FAR 91.207 (d). Battery exp. 05/2024. P/N: 83278 ref. 8130-3 dated . Removed and installed 2 new cowl shock mounts, P/N: 08-07208. Removed and replaced rivets on L/H upper door window hinges 6 total. Checked AD compliance thru BW 2022-26. All worked perfomed IAW Cessna MM.

I certify that this Aircraft has been inspected in accordance with a 100 Hour inspection and was determined to be in an airworthy condition.

Sig[redacted]

David Armstrong[redacted]

1/25/2023 **N91PF** **Cessna 172 NAV III** **Airframe Logbook**

Tach Hours: 7179.3 :: Airframe TT: 11855.3

Removed upper and lower flap handle switches. Installed new flap handle switches P/N: S1906-1. Ops check OK at this time. All work performed IAW Cessna MM.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Signed[redacted]

5/4/2023 **N91PF** **Cessna 172 NAV III** **Airframe Logbook**

Tach Hours::7229.3 Airframe TT::11905.2

Completed annual inspection in accordance with manufacturers inspection procedures manual.

Checked airctaft battery, checked all lights,checked tires and brakes. Serviced master cylinders with 5606 hydraulic fluid. Inspected fuel gascolater. Checked exhaust assembly, replaced muffler and risers on cyl 1 and 3 P/N'S A1754007-1, A1754007-1, and A1754010-1.Checked and lubed all flight controls. Found R/H aileron crossover cable damaged . Replaced cable, P/N MC0510105-265 Found Flap cable damaged. Replaced cable, P/N MC0510105-93. Checked all cable tesnsion and control cable rigging and found to be within limits at this time. Checked seatbelts , seats, and track stops.Lubed aircraft IAW Cessna MM, Checked ELT per FAR 91.207 (D), Battery EXP 5/2024. Removed and replaced both passenger door panels, P/N P05198-17 and P05198-18.. Replaced Overhead seatbelt trim, P/N P0519076-4. Replaced door trim LWR section, P/N P0519078-25 and P0519078-26 Removed and replaced R/H and L/H interior panels, P/N P0519081-13 and P0519081-12. Removed and replaced R/H and L/H FWD kick panels, P/N P0519081-12 and P0519081-11. Removed and replaced engine air filter with tempest filter, P/N AA198281. Removed and replaced L/H door hold open strut, P/N 201C101-1S. Removed and repllaced Both Cabin door windows, P/N W/G-1013. Removed and replaced Garmin GRS77 , P/N 011-00868-10, S/N 42006207 overhauled unit. Replaced Aircraft windsield, P/N W/G-2147-250. Replaced damaged R/H fwd engine baffle, Airforms unit, P/N AF0555250-9. Checked A/D 'S through BW 2023-09 , C/W AD 01-06-17 Improper fuel flow settings by check of idle speed and mixture adjustment. C/W with AD 13-11-11 engine oil pressure switch life limit by replacing switch. P/N 83278. All work done IAW cessna MM.

I certify that this Aircraft has been inspected in accordance with an annual [redacted] and was determined to be in an airworthy condition.

Signed[redacted]

Teddy Grodzki [redacted]

I CERTIFY THAT THE ALTIMETER, ENCODING SYSTEM AND STATIC SYSTEM TEST REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED. THE ALTIMETER: PILOTS S/N 1521123 (ALT) COPILOTS S/N N/A, ADC S/N 47807079 WAS/WERE TESTED TO 30 K FT

I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO COMPLY

XPDR # 1 M/N GTX 335R S/N [redacted] XPDR # 2 M/N [redacted] S/N N/A

SIGNATURE: [redacted] DATE 5/3/23

TOM [redacted]

ON AVIONICS OF FLORIDA INC.

521 DANLEY DR, FT. MYERS, FL. 33907

FAA CRS # V6TR097X,

100 LL FUEL LOG

TRUCK # 1

COPY

Isuzu

METER CARRY FORWARD				600681.4				
DATE	TIME	TANK METER	SINGLE PT METER	TRUCK METER	GALLONS	DISPENSED TO AIRCRAFT #	PUMPED BY	GAUGE STICK
11-8-23	5:53	—	—	600688.8	7.4	N9755D	ST	
11-9-23	8:16	—	—	600702.8	14.0	N6353D	CL	
11	8:23	—	—	600713.0	10.2	N66090	CL	
11	8:31	—	—	600728.0	15.0	N963JA	CL	
11	8:37	—	—	600734.0	6.0	N566D	CL	
11	8:45	—	—	600749.0	15.0	N918F	CL	
11	8:50	—	—	600757.5	8.5	N6478P	CL	
11-10-23	9:45	—	—	4.8	3.5	N6478P	ST	
11	9:51	—	—	5.5	0.7	N963JA	ST	
11	9:57	—	—	9.4	3.9	N6353D	ST	
11	10:03	—	—	13.7	4.3	N566D	ST	
11	10:09	—	—	20.8	7.1	N963JA	ST	
11	2:50	—	—	162.0	14.0	N525LC	ST	
11	2:30	Truck Calibration		148.0	127.2	Isuzu	ST	
11	2:50	—	—	162.0	14.0	N525LC	ST	
11	3:45	—	—	171.7	9.7	N963JA	ST	
11	4:21	—	—	190.7	19.0	N341LX	ST	
11	4:30	—	—	213.7	23.0	N9755D	ST	
11	4:37	—	—	218.0	4.3	N15768	ST	
11	5:08	—	—	249.2	31.2	N91TB	ST	
11	5:19	—	—	270.0	20.8	N66090	ST	
11	5:26	—	—	291.0	21.0	N566D	ST	
11	5:31	—	—	295.9	4.9	N6353D	ST	
11-11-23	9:06	—	—	318.1	22.2	N9755D	ST	
11	9:13	—	—	325.2	7.1	N5108L	ST	
11	9:22	—	—	343.7	18.5	N963JA	ST	
11	9:29	—	—	371.1	27.4	N5347F	ST	

ENTERED YES

N 91PF

Date	Tach Start	Tach Stop	Tach Total	Hobbs Start	Hobbs Stop	Flight Time	Renter	Instructor
	7383	7384.0	1.0	6161.5	6163.1	1.6	Sarah M	Mike F
							Parker 2	Mike F
10/26/23	7384.3	7393.5	8.7	6164.3	6174.5	10.2	Jason. H	
10/30/23	7393.5	7394.8	1.3	6174.5	6176.0	1.5	Bill J	Mike F
10/31/23	7394.8	7396.5	1.7	6176.0	6178.1	2.1	Sarah M	Mike F
11/2/23	7396.5	7397.2	.7	6178.1	6179.2	1.1	Newberry	Kohn
10/2/23	7397.2	7403.4	6.2	6179.2	6185.9	6.7	Trenton	Mathew
11/3/23	7403.4	7405.3	1.9	6185.9	6188.4	2.5	Roberts	Mathew
11/4/23	7405.3	7406.6	1.3	6188.4	6190.0	1.6	MacArthur	
11/5/23	7406.6	7408.2	1.6	6190.0	6192.0	2.0	Jackson	Mitch
11/6/23	7408.2	7409.6	1.4	6192.0	6193.7	1.7	Newberry	Kohn
11/6/23	7411.6	7411.6	2	6193.7	6196.7	3	Trenton	Mathew
11/7/23	7411.4	7413.6	2	6196.7	6199.3	2.6	Jacob	Mike F
	7413.6	7413.9	0.3	6199.3	6199.9	0.6	Charles	GB
11/7/23	7413.9	7415.6	1.7	6199.9	6201.9	2.0	Trenton	Matt
11/8/23	7415.6	7416.5	.9	6201.9	6203.2	1.3	Newberry	Kohn
11/8/23	7416.5	7417.6	1.1	6203.2	6204.5	1.3	Wilson	Oliver
11/8/23	7417.6	7419.1	1.5	6204.5	6206.5	2	Jason H	

100 Hour Due: 7428.7

Annual Due: 05-2024

A&P Signature [redacted]

IFR Certs Due: 05-2025

ELT Battery Due: 05-2024

No [redacted]

Please call **Deland Aviation** during normal business hours at **386.740.1955** or after hours call **Bob Brown** at **386.299.9874** or **Brenda Brown** at **386.846.0678** to report any issues.