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MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N5268J

Engine Manufacturer LYCOMING

Model O-320-H2AD

Serial No. L-7648-76T

Date installed on aircraft 03-09-2023 2017

Time Between Overhauls (TBO) 2000 Hours

OR 12 years 03-2035
2029

If used on multi-engine aircraft:

☐ Right ☐ Left
☒ Front ☐ Rear

(All applicable information must be filled in)



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Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2023				
MAR 04	6919.1	442.9	10860.3	TOTALS brought forward from previous page

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 10860.3	Hobbs: 888.3	Aircraft Total Time: 10860.3
Engine Total Time: 6919.1	Engine SMOH: 442.9	Engine S/N: L-7648-76T
Prop Total Time: 6225.1	Prop SMOH: 0.0	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and manufacturer checklist. Compressions 1)79/80 2)77/80 3)76/80 4)78/80
 2. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109-2 filter and serviced engine w/ 6 qts Phillips Victory 20w50
 3. Cleaned and gapped spark plugs. Reinstalled with new M-674 copper gaskets
 4. C/W AD 80-04-03 R2 Oil additive by inspection of filter, screen and use of Phillips Victory 20w50 - Due in 50 hrs
 5. Installed new intake gasket on Cyl.3 PN: 71973
 6. Tightened oil return line clamps
 7. Installed new valve cover gaskets PN: RG-75906-SP on Cyl. 2,4,& 3
 8. Installed new oil quick drain plug PN: P5000
- This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 03/10/2023

Signed: _____

Ryan Cunningham A&P 4079271

= Engine Log Book

Reg No: N5268J	Aircraft Type: 172N	Aircraft S/N: 17273751
Tach: 10917.2		

1. Changed oil and filter and serviced engine with 6 quarts of Phillips XC 20W50 Victory.
2. C/W AD 80-04-03R2 "Oil additive" By inspection of filter, and use of Phillips Victory 20W50. Due in 50 hrs.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 04-12-2023

Signed: _____

A&P 3493738 John Calvert

SUB-TOTALS this page

TOTALS-Carry forward to next page

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 10956.2	Hobbs: 1012.5	Aircraft Total Time: 10956.2
Engine Total Time: 7016.0	Engine SMOH: 539.8	Engine S/N: L-7648-76T
Prop Total Time: 6322.0	Prop SMOH: 96.9	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and checklist
2. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109 filter and serviced engine w/ 6 qts Phillips X/C 20W50 Victory oil.
3. Performed compression test with the following results: 1)78/80; 2)78/80; 3)74/80; 4)78/80.
4. Installed (8) new spark plugs.
5. C/W AD80-04-03R2 (oil additive) by inspecting oil filter and installing Phillips X/C 20W50 Victory oil.
6. Removed magneto P/N 10-682555-14 S/N F289901G for 500 hour inspection and installed a serviceable magneto with 272.2 hours to 500 hour inspection. Timed mag to engine. Ran engine and ops tested and found good.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 04-28-2023

Signed: 

John Calvert A&P 3493738

EngineLog Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11003.1	Hobbs: 1071.4	Aircraft Total Time: 11003.1

1. Changed oil and filter and serviced engine with 6 qts. of Phillips 20W50 Victory oil.
2. C/W AD 80-04-03R2(oil additive) by inspecting oil filter and installing Phillips X/C 20W50 Victory oil.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 5/15/2023

Signed: 

John Calvert A&P 3493738

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11056.0	Hobbs: 1140.5	Aircraft Total Time: 11056.0
Engine Total Time: 7115.8	Engine SMOH: 639.6	Engine S/N: L-7648-76T
Prop Total Time: 64221.8	Prop SMOH: 196.7	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and checklist
2. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109 filter and serviced engine w/ 6 qts Phillips X/C 20W50 Victory oil.
3. Performed compression test with the following results: 1)78/80; 2)78/80; 3)76/80; 4)78/80.
4. Cleaned gapped and tested sparkplugs.
5. C/W AD80-04-03R2 (oil additive) by inspecting oil filter and installing Phillips X/C 20W50 Victory oil.
6. Checked Magneto timing.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 05-30-2023

Signed: 

John Calvert A&P 3493738

Page No. _____

EngineLog Book		
Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11106.4	Hobbs: 1205.8	Aircraft Total Time: 11106.4

1. Changed oil and filter and serviced engine with 6 qts. of Phillips 20W50 Victory oil.
 2. C/W AD 80-04-03R2(oil additive) by inspecting oil filter and installing Phillips X/C 20W50 Victory oil.
- This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 6/15/2023

Signed: John Calvert

John Calvert A&P 3493738

Engine Log Book		
Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11154.2	Hobbs: 1268.8	Aircraft Total Time: 11154.2
Engine Total Time: 7213.0	Engine SMOH: 736.8	Engine S/N: L-7648-76T
Prop Total Time: 6519.0	Prop SMOH: 293.9	Prop S/N: 732776

1. I certify this Engine was inspected IAW an Annual inspection, per FAR 43 Appendix D and found to be in an airworthy condition at this time. Compressions 1)79/80 2)78/80 3)77/80 4)78/80
2. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109-2 filter and serviced engine w/ 6 qts Phillips Victory 20w50
3. Cleaned and gapped spark plugs. Reinstalled with new M-674 copper gaskets
4. C/W AD 80-04-03 R2 Oil additive by inspection of filter, screen and use of Phillips Victory 20w50 - Due in 50 hrs
5. Installed 3 new spark plugs PN: URHM38E
6. Installed O/H mag PN: 10-382555-14 SN: A031698 (see wo# 5159 from Eagle Magneto)
7. Installed new harness capacitors PN: KA10-400574
8. Removed Power Flow Exhaust assy. Installed exhaust assy as follows PN: 1754008-1 Riser, 1754009-1 Riser, 1754007-1 Riser, 1754010-1 Riser, 1754001-9 Muffler, 0554001-1 Muffler shroud, 1750011-7 Carb heat shroud. W&B change negligible.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 07/07/2023

Signed: Ryan Cunningham

Ryan Cunningham A&P 4079271 IA

EngineLog Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11200.2	Hobbs:	Aircraft Total Time: 11200.2

1. Changed oil and filter and serviced engine with 6 qts. of Phillips 20W50 Victory oil.
 2. C/W AD 80-04-03R2(oil additive) by inspecting oil filter and installing Phillips X/C 20W50 Victory oil.
- This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 7/28/2023

Signed: John Calvert

John Calvert A&P 3493738

SUB-TOTALS this page

TOTALS-Carry forward to next page

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11254.2	Hobbs: 1402.3	Aircraft Total Time: 11254.2
Engine Total Time: 7313	Engine SMOH: 836.8	Engine S/N: L-7648-76T
Prop Total Time: 6619	Prop SMOH: 393.9	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and checklist
2. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109 filter and serviced engine w/ 7 qts Phillips X/C 20W50 Victory oil.
3. Performed compression test with the following results: 1)78/80; 2)76/80; 3)78/80; 4)76/80.
4. Cleaned gapped and tested sparkplugs.
5. C/W AD80-04-03R2 (oil additive) by inspecting oil filter and installing Phillips X/C 20W50 Victory oil.
6. Checked Magneto timing and retimed to 25BTC.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 08/25/2023

Signed: 

John Calvert A&P 3493738

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N
Tach: 11304.8	Hobbs: 1468.3

1. Drained oil and removed filter. Cut filter open, no defects found. Serviced engine with 6 qts of Phillips Victory 20w50 oil and installed new AA48109 filter.
2. Performed ground run, ops checked and leak checked OK.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 09/14/2023

Signed: 

Ryan Cunningham A&P 4079271

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11354.1	Hobbs: 1530.4	Aircraft Total Time: 11354.1
Engine Total Time: 7412.9	Engine SMOH: 963.7	Engine S/N: L-7648-76T
Prop Total Time: 6718.9	Prop SMOH: 963.7	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and manufacturer checklist. Compressions 1)79/80 2)78/80 3)77/80 4)78/80
2. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109-2 filter and serviced engine w/ 6 qts Phillips Victory 20w50
3. Installed 4 new URHM38E spark plugs


4. Cleaned and gapped spark plugs. Reinstalled with new M-674 copper gaskets
5. C/W AD 80-04-03 R2 Oil additive by inspection of filter, screen and use of Phillips Victory 20w50 - Due in 50 hrs

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 09/28/2023

Signed: 

Ryan Cunningham A&P 4079271

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL S brought forward from previous page				
Engine Log Book				
Reg No: N5268J			Aircraft Type: Cessna 172N	
Tach: 11403.1			Hobbs: 1592.1	
<ol style="list-style-type: none"> 1. Drained oil and removed filter. Cut filter open, no defects found. Serviced engine with 6 qts of Phillips Victory 20w50 oil and installed new AA48109 filter. C/W AD 80-0403 R2 Next Due in 50 Hrs. Re 2. Performed ground run, ops checked and leak checked OK. <p>This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.</p> <p>Date: 10/23/2023 Signed:  Ryan Cunningham A&P 4079271</p>				

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11449.6	Hobbs: 1654.3	Aircraft Total Time: 11449.6
Engine Total Time: 7508	Engine SMOH: 1032.2	Engine S/N: L-7648-76T
Prop Total Time: 6814.4	Prop SMOH: 589.3	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and checklist
2. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109 filter and serviced engine w/ 7 qts Phillips X/C 20W50 Victory oil.
3. Performed compression test with the following results: 1)78/80; 2)78/80; 3)78/80; 4)78/80.
4. Cleaned gapped and tested sparkplugs.
5. C/W AD80-04-03R2 (oil additive) by inspecting oil filter and installing Phillips X/C 20W50 Victory oil.
6. Checked Magneto timing and retimed to 25BTC.
7. Troubleshoot #2 cylinder CHT sender.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 11/28/2023

Signed: 

A&P 3493738

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N
Tach: 11403.1 11500.0 R	Hobbs: 1592.1 1722.7 R

1. Drained oil and removed filter. Cut filter open, no defects found. Serviced engine with 6 qts of Phillips Victory 20w50 oil and installed new AA48109 filter.
2. C/W AD 80-04-03R2 by visual inspection of filter and Phillips victory oil additive.
3. Performed ground run, ops checked and leak checked OK.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 12/21/2023

Signed: 

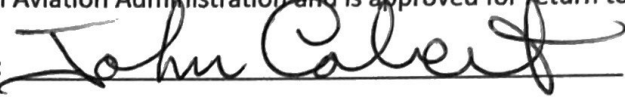
John Calvert A&P3493738

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11546.7	Hobbs: 1786.1	Aircraft Total Time: 11546.7
Engine Total Time: 7615.5	Engine SMOH: 1056.3	Engine S/N: L-7648-76T
Prop Total Time: 6910.5	Prop SMOH: 1056.3	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and checklist
2. Performed engine run up. Drained oil and removed the filter. Cut the filter open and inspected for contaminants. Installed new AA48109-2 oil filter and serviced engine with 6 quarts of Phillips XC 20W50 victory oil.
3. Performed compression test with the following results: #1-78; #2-78; #3-76; #4-76.
4. Checked magneto timing.
5. Cleaned gapped and tested sparkplugs.
6. Installed new EGT probes for cylinders #1 & #3.
7. C/W AD 80-04-03R2 (oil additive) by inspecting oil filter and installing Phillips X/C 20W50 victory oil.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

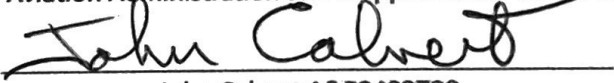
Date: 02-15-2024 Signed: 
John Calvert A&P 3493738

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N
Tach: 11593.1	Hobbs:

1. Changed oil and filter. Cut filter open, no defects found. Serviced engine with 6 qts of Phillips Victory 20w50 oil and installed new AA48109 filter.
2. C/W AD 80-04-03R2 by visual inspection of filter and Phillips victory oil additive.
3. Performed ground run, ops checked and leak checked OK.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

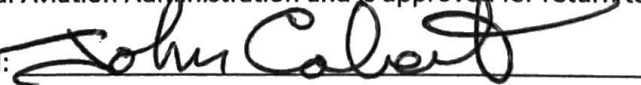
Date: 03-20-2024 Signed: 
John Calvert A&P3493738

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11646.7	Hobbs: 1924.3	Aircraft Total Time: 11646.7
Engine Total Time: 7715.5	Engine SMOH: 1156.3	Engine S/N: L-7648-76T
Prop Total Time: =7010.5	Prop SMOH: 786.4	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and checklist
2. Performed engine run up. Drained oil and removed the filter. Cut the filter open and inspected for contaminants. Installed new AA48109-2 oil filter and serviced engine with 6 quarts of Phillips XC 20W50 victory oil.
3. Performed compression test with the following results: #1-78; #2-78; #3-78; #4-78.
4. Removed magneto P/N:10-382555-14; S/N: A031698. And installed repaired magneto P/N: 10-682555-14; S/N: A318918G. See Eagle Magneto maintenance release yellow tag dated 05-06-2024.
5. Cleaned, gapped, tested and reinstalled spark plugs.
6. C/W AD 80-04-03R2 (oil additive) by inspecting oil filter and installing Phillips X/C 20W50 victory oil.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 05-08-2024 Signed: 
John Calvert A&P 3493738

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N
Tach: 11697.4	Hobbs: 1991.0

1. Changed oil and filter and serviced engine with 7 quarts of Phillips 20W50 Victory oil.
2. C/W AD 80-04-03R2 "oil additive" by inspection of oil filter and installation of Phillips victory oil.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: ~~05/20/2024~~

6-3-2024
JRH

Signed:

John Hart A&P 3923592

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11743.2	Hobbs: 2052.7	Aircraft Total Time: 11743.2
Engine Total Time: 7812	Engine SMOH: 1252.8	Engine S/N: L-7648-76T
Prop Total Time: 7107	Prop SMOH: 882.9	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and checklist
2. Performed engine run up. Drained oil and removed the filter. Cut the filter open and inspected for contaminants. Installed new AA48109-2 oil filter and serviced engine with 6 quarts of Phillips XC 20W50 victory oil.
3. Performed compression test with the following results: #1-78; #2-78; #3-76; #4-78.
4. Checked magneto timing and reset mag timing to 25.
5. Cleaned gapped and tested sparkplugs.
6. C/W AD 80-04-03R2 (oil additive) by inspecting oil filter and installing Phillips X/C 20W50 victory oil.

I certify that this aircraft was inspected in accordance with an annual inspection per FAR 43 appendix D and was found to be in airworthy condition.

Date: 07-02-2024

Signed:

John Calvert A&P 3493738IA

= Engine Log Book

Reg No: N5268J	Aircraft Type: 172N	Aircraft S/N: 17273751
Tach: 10917.2 11791.9		

1. Changed oil and filter and serviced engine with 6 quarts of Phillips XC 20W50 Victory.
2. C/W AD 80-04-03R2 "Oil additive" By inspection of filter, and use of Phillips Victory 20W50. Due in 50 hrs.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 08-07-2024

Signed:

John Calvert A&P3493738

TOTALS

Engine Log Book

Reg No: N717RF	Aircraft Type: Cessna 172N
Tach: 11832.2	Hobbs: 2171.2

1. Adjusted magneto timing to 25 degree BTDC IAW D-3000 Series Service Manual and Lycoming Overhaul Manual Section 4.
2. Installed 8 New Spark Plugs P/N URHM38E IAW Lycoming Service Manual.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 9/06/2024

Signed: 

John Hart A&P 3923592

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11841.4	Hobbs: 2183.2	Aircraft Total Time: 11841.4
Engine Total Time: 7910.2	Engine SMOH: 1351	Engine S/N: L-7648-76T
Prop Total Time: 7199.2	Prop SMOH: 981.1	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and manufacturer checklist. Compressions 1)74/80 2)76/80 3)70/80 4)74/80.
2. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109-2 filter and serviced engine w/ 6 qts Phillips Victory 20w50.
3. C/W AD 80-04-03 R2 Oil additive by inspection of filter, screen and use of Phillips Victory 20w50.
4. Cleaned and gapped spark plugs. Reinstalled with new M-674 copper gaskets.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 09/18/2024

Signed: 

John Hart A&P 3923592

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N
Tach: 11895.0	Hobbs: 2255.3

1. Changed oil and filter. Cut filter open, no defects found. Serviced engine with 6 qts of Phillips Victory 20w50 oil and installed new AA48109 filter.
2. C/W AD 80-04-03R2 by visual inspection of filter and Phillips victory oil additive.
3. Performed ground run, ops checked and leak checked OK.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 10-24-2024

Signed: 

John Hart A&P 3923592

Page No. _____

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED — SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 11941.3	Hobbs: 2316.9	Aircraft Total Time: 11941.3
Engine Total Time: 8010.1	Engine SMOH: 1450.9	Engine S/N: L-7648-76T
Prop Total Time: 7299.1	Prop SMOH: 1081	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and manufacturer checklist. Compressions 1)74/80 2)76/80 3)66/80 4)76/80.
2. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109-2 filter and serviced engine w/ 6 qts Phillips Victory 20w50.
3. C/W AD 80-04-03 R2 Oil additive by inspection of filter, screen and use of Phillips Victory 20w50. Next Due: 1191.3
4. Cleaned and gapped spark plugs. Reinstalled with new M-674 copper gaskets.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 12/10/2024

Signed: _____

John Hart A&P 3923592

= Engine Log Book

Reg No: N5268J	Aircraft Type: 172N	Aircraft S/N: 17273751
Tach: 11993.7		

1. Changed oil and filter and serviced engine with 6 quarts of Phillips XC 20W50 Victory.
2. C/W AD 80-04-03R2 "Oil additive" By inspection of filter, and use of Phillips Victory 20W50. Due in 50 hrs.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 01-22-2025

Signed: _____

John Calvert A&P3493738

SUB-TOTALS this page

TOTALS-Carry forward to next page

100 000

DATE

TOTAL
TIME
IN
SERVICE

TOTAL
TIME
SINCE
OVERHAUL

TACH OR
RECORDING
METER
TIME

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

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 12040.8	Hobbs: 2449.2	Aircraft Total Time: 12040.8
Engine Total Time: 8109.6	Engine SMOH: 1550.4	Engine S/N: L-7648-76T
Prop Total Time: 7398.6	Prop SMOH: 1180.5	Prop S/N: 732776

1. Performed 100HR inspection IAW FAR 43 appendix D and manufacturer checklist. Compressions 1)74/80 2)76/80 3)70/80 4)76/80.
2. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109-2 filter and serviced engine w/ 6 qts Phillips Victory 20w50.
3. C/W AD 80-04-03 R2 Oil additive by inspection of filter, screen and use of Phillips Victory 20w50. Next Due: 12090.8
4. Cleaned and gapped spark plugs. Reinstalled with new M-674 copper gaskets.
5. Installed New Muffler P/N A1754001-25 IAW Cessna 172N MM Section 11.
6. Installed 3 New EGT Probes P/N 10-01169 in Cylinders #2, #3, and #4.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

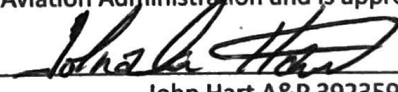
Date: 03/14/2025 Signed: 
John Hart A&P 3923592

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N
Tach: 12091.4	Hobbs: 2516.4

1. Changed oil and filter. Cut filter open, no defects found. Serviced engine with 6 qts of Phillips Victory 20w50 oil and installed new AA48109 filter.
2. C/W AD 80-04-03R2 by visual inspection of filter and Phillips victory oil additive. Next Due: 1241.4 Hrs.
3. Performed ground run, ops checked and leak checked OK.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

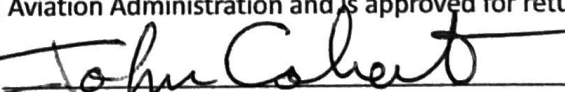
Date: 04-24-2025 Signed: 
John Hart A&P 3923592

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N
Tach: 12291.7	Hobbs: 2776.1

1. Changed oil and filter. Cut filter open, no defects found. Serviced engine with 6 qts of Phillips Victory 20w50 oil and installed new AA48109 filter.
2. C/W AD 80-04-03R2 by visual inspection of filter and Phillips victory oil additive.
3. C/W AD 2024-21-2 by inspecting oil filter media for bronze particulates.
4. Performed ground run, ops checked and leak checked OK.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 09-30-2025 Signed: 
John Calvert A&P 3493738

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 12140.8	Hobbs: 2580.8	Aircraft Total Time: 12140.8
Engine Total Time: 8209.6	Engine SMOH: 1650.4	Engine S/N: L-7648-76T
Prop Total Time: 7498.6	Prop SMOH: 1280.4	Prop S/N: 732776

1. Completed an annual inspection this date and the following maintenance was performed.
2. Compressions was tested with the following results: 1)72/80; 2)72/80; 3)66/80; 4)74/80.
3. Performed engine run up. Drained oil and removed filter. Cut open filter, no defects noted. Installed new AA48109-2 filter and serviced engine w/ 6 qts Phillips Victory 20w50 .
4. Inspected and cleaned oil suction screen.
5. Cleaned and gapped spark plugs. Reinstalled with new M-674 copper gaskets
6. C/W AD 80-04-03 R2 Oil additive by inspection of filter, screen and use of Phillips Victory 20w50 - Due in 50 hrs
7. Installed repaired magneto PN: 10-382555-14 SN: 25660K (see wo# 6627from Eagle Magneto).
8. Installed new carb temp sensor P/N:100468-000.

I certify that this engine was inspected in accordance with an annual inspection per FAR 43 Appendix D and was determined to be in an airworthy condition

Date: 06/05/2025

Signed: John Calvert
John Calvert A&P 3493738 IA

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N
Tach: 12,140.8	Hobbs: 2580.8

1. C/W AD 2024-21-2 By inspecting the engine oil filter and suction screen for bronze particulates.Next due in 50 hours.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 06-05-2025

Signed: John Calvert
John Calvert A&P 3493738

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N
Tach: 12186.9	Hobbs: 2641.8

1. Removed alternator PN: DOFF10300B SN: A220620, and installed overhauled alternatorP/N: DOFF10300B S/N: A120934. Ops check good
2. Adjusted mag timing.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 7-16-2025

Signed: John Calvert
John Calvert A&P 3493738

SUB-TOTALS this page

TOTALS-Carry forward to next page

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N
Tach: 12189.0	Hobbs: 2644.7

1. Changed oil and filter. Cut filter open, no defects found. Serviced engine with 6 qts of Phillips Victory 20w50 oil and installed new AA48109 filter.
2. C/W AD 80-04-03R2 by visual inspection of filter and Phillips victory oil additive.
3. C/W AD 2024-21-2 by inspecting oil filter media for bronze particulates.
4. Performed ground run, ops checked and leak checked OK.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 07-18-2025

Signed:


John Calvert A&P 3493738

Engine Log Book

Reg No: N5268J	Aircraft Type: Cessna 172N	Aircraft S/N: 17273751
Tach: 12240.8	Hobbs: 2712.5	Aircraft Total Time: 12240.8
Engine Total Time: 8309.6	Engine SMOH: 1750.4	Engine S/N: L-7648-76T
Prop Total Time: 7598.6	Prop SMOH: 1380.5	Prop S/N: 732776

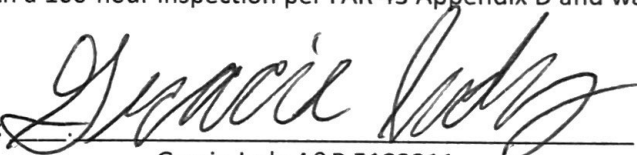
Completed an 100-hour inspection this date and the following maintenance was performed.

1. Compressions were tested with the following results: 1)76/80 2)76/80 3)74/80 4)78/80.
2. Performed engine run up. Drained oil and removed the filter. Cut open filter, no defects noted. Installed new AA48109 filter and serviced engine w/ 6 qts Phillips Victory 20w50 .
3. Inspected and cleaned oil suction screen. Replaced oil suction screen gasket with P/N: AN900-20
4. Cleaned and gapped spark plugs. Reinstalled with new M-674 copper gaskets
5. C/W AD 80-04-03 R2 Oil additive by inspection of filter, screen and use of Phillips Victory 20w50 - Due in 50 hrs
6. C/W AD 2024-21-02 Inspected oil filter for presence of bronze particles.- Due at next oil change.

I certify that this engine was inspected in accordance with a 100-hour inspection per FAR 43 Appendix D and was determined to be in an airworthy condition

Date: 09/02/2025

Signed:


Gracie Judy A&P 5192211