

Log # 2



The Standard

ENGINE LOG

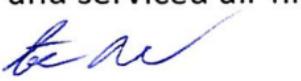
ASA-SE-1

YEAR:	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.)
DATE				

8/17/23 Tach: 92.2 Hobbs: 562.1
 Removed carb and sent to Aircraft carb & Injection Services in Justin TX for repair. Float was replaced, Gasket set installed, replaced valve, enriched jet, and reassembled. See repair tag.
 Carb was reinstalled and performed ground run and set-up. Adjusted magneto timing.
 Replaced all 4 intake gaskets and carb-sump gasket.
 Steve Mcleod A&P 3370601.

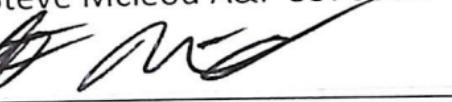


3/4/2024 Tach: 106.1 Hobbs: 578.9 TT: 578.9
 Performed condition inspection. Drained oil and serviced Aeroshell 15W-50. Installed new AA48110-2 oil filter. Cleaned, checked and rotated plugs. Cleaned and serviced air filter Compressions: 1-75 2-76 3-74 4-78. Steve Mcleod A&P 3370601



YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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DATE				

4/1/2025 Tach: 116.0 Hobbs: 590.5
 Performed condition inspection. Cyl 2 was removed to facilitate repair of the lower Sprak plug heli-coil. Coil was replaced by Gibson Aviation. Afterward cylinder was Reinstalled with all new gaskets/seals. Engine was internally inspected (crank, rods, Camshaft, and lifters) for corrosion. No issues found. Drained oil and serviced Aeroshell 15W-50. Installed new AA48110-2 oil filter. Cleaned, checked and rotated plugs. Cleaned and serviced air filter Compressions: 1-73 2-74 3-76 4-75. Steve Mcleod A&P 3370601



YEAR: <u>2022</u>	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.)

<u>3/16</u>	453.0	453.0	Perfomed condition inspection. Replaced all 4 valve
	<u>New Tech</u>	<u>554.2</u>	Covers gaskets with silicone. Replaced intake tube gaskets and couplings. Installed new Tempest Remote in all cylinders. Removed vac pump and used block-off plate. cleaned and serviced airfilter. Removed tach drive/generator and installed G.P. Resealed dip stick tube. Adjusted prop governor for proper RPM. Comp: 1-78 2-76 3-79 4-72. drained oil and serviced with Aeroshell 15w-50. Replaced oil filter. All man sensors were installed for EMS-D10. Adjusted idle speed and mixture.
	<u>0.0</u>		
			<u>AMO</u> <u>ATP3370601</u> <u>see next</u> , <u>mcld ACO</u> <u>254-348-8411</u>

YEAR: <u>2022</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
<u>10/14</u>	50.2	<u>51.2</u>	<u>612.4</u>	Drained oil and serviced and service Aeroshell 15w-50. installed new oil filter. Installed new airfilter. cleaned and checked spark plugs. <u>ATP3370601</u> <u>per MR</u> , <u>mcld ACO</u> <u>254-348-8411</u>
<u>4/1</u>	63.9	<u>52.7</u>	<u>633.9</u>	Performed condition inspection. Removed both mag's. opened each mag, and visually inspected. Reinstalled and timed. clean and checked plugs. installed new air filter. Comp: 1-77 2-76 3-78 4-76. <u>per MR</u> <u>ATP3370601</u>
<u>23</u>	<u>71.7</u>			

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)			
				Cleaned, & gap, bomb & ohm tested all spark plugs Annealed all spark plug washers. Installed 7 qts of AeroShell 15-50 Installed new AA48110-2 oil filter. Replaced #1 lower ignition lead sig. Pressure tested exhaust system.
				DATE 11-4 2019 T.T. 345.7 HRS.
				Compression Check 1 2 3 4 5 6 7 8 9 14 93 74 70 X X X X 80 80 80 80 80 80 80 80 80 I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Conditional</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION Paul A. Slaughter A&P 3444782 IA

1 December 2020. Hobbs & engine total time 367.7. Changed oil & filter, cleaned suction screen, serviced with 7 qts Phillips X/C 20w50, AA48110-2 filter. Checked mag timing, serviced spark plugs. Performed compression check: #1 74/80, #2 72/80, #3 73/80, #4 74/80. Borescoped valves and cylinders, ok. Paul A. Slaughter, AP 2787643. *Paul A. Slaughter*

6/22/21 Tach 409.2
Drained oil and serviced with Aeroshell W100 Plus.
Replaced oil filter. Steven Mcleod A&P 3370601
Steve Mcleod

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.)
				<p>DATE <u>11/13</u> 2017 T.T. <u>330.7</u> HRS.</p> <p>I CERTIFY THAT THIS <u>Engine</u> HAS</p> <p>BEEN INSPECTED IN ACCORDANCE WITH A</p> <p><u>Conditional</u> INSPECTION AND WAS</p> <p>DETERMINED TO BE IN AN AIRWORTHY CONDITION</p> <p><u>Ronald J. Dalton</u> A&P 3444782 IA</p>

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.)																											
				<p>Tightened and resealed oil filler neck.</p> <p>Cleaned, gap, ohm + bond tested all spark plugs</p> <p>Replaced all spark plug washers.</p> <p>Checked compression - see below</p> <p>Compression Check</p> <table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td> </tr> <tr> <td>71</td><td>75</td><td>75</td><td>71</td><td>X</td><td>X</td><td>X</td><td>1X</td><td></td> </tr> <tr> <td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td><td>80</td> </tr> </table> <p>DATE <u>11-21</u> 2018 T.T. <u>330.9</u> HRS.</p> <p>I CERTIFY THAT THIS <u>Engine</u> HAS</p> <p>BEEN INSPECTED IN ACCORDANCE WITH A</p> <p><u>Conditional</u> INSPECTION AND WAS</p> <p>DETERMINED TO BE IN AN AIRWORTHY CONDITION</p> <p><u>Ronald J. Dalton</u> A&P 3444782 IA</p>	1	2	3	4	5	6	7	8	9	71	75	75	71	X	X	X	1X		80	80	80	80	80	80	80	80	80
1	2	3	4	5	6	7	8	9																							
71	75	75	71	X	X	X	1X																								
80	80	80	80	80	80	80	80	80																							

SY Aviation (515) 432-1018

Boone Municipal Airport

24 Snedden Drive

Boone, IA 50036

N26AJ Vans RV9A SN. 90444
Hobbs reads 317.8 A/C T.T. 216.6 Engine T.T. 317.8 Prop T.T. 317.8

Page: 10/30/2016

Cleaned and gapped spark plugs and checked mag timing. Drained carb. bowl. Changed oil and serviced with 7 Qt. AS 15W50 plus one bottle CamGuard. Installed new oil filter (AA 48110). Checked compressions: #1: 74/80 #2: 78/80 #3: 78/80 #4: 76/80. Ground run no leaks.

I certify that this engine has been inspected I/A/W a conditional inspection and determined to be in airworthy condition.

Robert A. Jones
(Robert A. Jones)

A&P3392190 I.A.

(Robert A. Jones)

Alterations

The Number of Technician or Repair

AR: TE	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.)
				Cleaned, <input checked="" type="checkbox"/> gap and tested spark plugs
				Installed one new REM38E spark plug.
				Installed 7 new spark plug gaskets
				Changed oil using 7 qts or Dex Shur 15/50
				Installed one can of "Com guard".
				Installed new 48110-2 oil filter
				Installed new VDO-360-0430 pressure sender
				Compression Check
				1 2 3 4 5 6 7 8 9
				72 71 74 68 X X X X
				80 80 80 80 80 80 80 80
				over

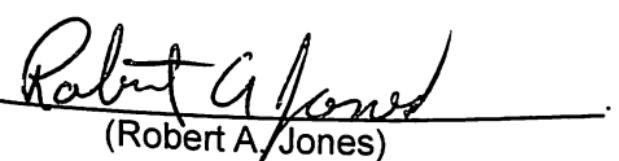
CY Aviation (515) 432-1018
Boone Municipal Airport 424 Snedden Drive Boone, IA 50036
N26AJ Vans RV9A SN. 90444
Hobbs reads 297.0 A/C T.T. 297.0 Engine T.T. 297.0 Prop T.T 297.0
195.8 Date 8/8/2014
Hobbs reads 297.0 Clean and gap plug checked mag timing.
Drained carb. bowl. Changed oil and filter. Cut filter on metal found.
Serviced with 7 Qt. AS 15W50. Ground run no leaks. Replaced oil sending
unit with new VDO part.

I certify that this aircraft has been inspected I/A/W an conditional inspection and determined to be in airworthy condition.

Robert A. Jones
(Robert A. Jones)

—. A&P3392190 I.A.

(Robert A. Jones)

CY Aviation (515) 432-1018			Trade Name and Alterations Indicate Number of Technician or Repair
Boone Municipal Airport	424 Snedden Drive	Boone, IA 50036	
N26AJ Vans RV9A SN. 90444			
Hobbs reads 304.3 A/C T.T. 203.1 Engine T.T. 304.3 Prop T.T. 304.3			
Date: 9/13/2015			
<p>Cleaned and gapped spark plugs and checked mag timing. Drained carb. bowl. Changed oil and serviced with 7 Qt. AS 15W50. Installed new oil filter (AA 48-110). Checked compressions: #1: 79/80 #2: 76/80 #3: 79/80 #4: 73/80. Ground run no leaks.</p> <p>I certify that this engine has been inspected I/A/W a conditional inspection and determined to be in airworthy condition.</p> <p> (Robert A. Jones)</p> <p style="text-align: right;">A&P3392190 I.A.</p>			

CY Aviation

Boone Municipal Airport 424 Snedden Drive Boone, IA 50036
(515) 432-1018 CYAviation@gmail.com

N26AJ Lycoming O-320-D1A SN L18646-39A

Date: 8/6/2013 Hobbs: 286.3 Engine Total Time: 286.3

Completed conditional inspection. Compression #1: 79/80, #2: 79/80, #3: 72/80, #4: 77/80. Changed oil and filter, cleaned air screen. Serviced with 7 quarts Aeroshell 15W50. Installed 48110 oil filter. Checked Mag timing. Cleaned and gapped plugs.

Ground run. No leaks, Proper mag drop and carb heat operation. I certify that this engine has been inspected I/A/W a conditional inspection and determined to be in airworthy condition.

Robert A. Jones AP 3392190 I
Robert A. Jones

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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6/24/2011, N26AJ, Hobbs-231.0, AFTT-129.8, ENGTT-231.0, Lycoming O320-D1F, S/N-L-18646-39A, C/W 100 hr. inspection I/A/W Lycoming service manual and FAR 43 Appendix "D". Drained oil, checked suction screen, cut filter- no contamination found. Installed a new CH48110-1 filter and filled sump with 7 Qts. of AS 15w50 oil. Compressions: 1-75/80, 2-76/80, 3-74/80, 4-73/80. Checked magneto timing-Ok. Cleaned, inspected, gapped, tested and rotated spark plugs. Checked AD's: AD 98-02-08, eff-3/30/98, DNA, AD 2004-10-14C, eff-6/25/04, DNA by no prop strike. AD-2009-26-12, eff-2/4/2010, DNA by no affected P/N's installed. I Certify that this ENGINE has been Inspected I/A/W FAR 43 Appendix "D" and has been determined to be in AIRWORTHY condition. Robert K Miller A&P2808496IA

Robert K Miller

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11/20/11	Hobbs 247	—	—	Changed oil + filter. Used 8 qts of AS 15w50 oil. Installed new CH48110-1 oil filter John Penble privat pilot # 2824697 End

7/22/12, N26AJ, Hobbs-261.8, AFTT-200.2, ENGTT-261.8, Lycoming, O320-D1F, S/N-L-18646-39A, Completed 100hr. Inspection I/A/W , Lycoming service manual and FAR 43 Appendix "D". Drained oil, cut filter, checked suction screen- no contamination found. Installed a new CH48110-1 filter and filled sump w/ 8 qts. of AS15w50 oil. Compressions: 1-76/80, 2-74/80, 3-75/80, 4-76/80. Checked magneto timing-Ok. Cleaned, gapped, tested, and rotated spark plugs. Checked AD's. I Certify that this ENGINE has been Inspected I/A/W FAR 43 Appendix "D" and has been determined to be in AIRWORTHY condition. Robert K Miller A&P2808496IA

Robert K Miller

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.)
6-26-10		Hobbs 193.9 + Eng TT		<p>Compression tested #1 $75/80$ #2 $76/80$ #3 $77/80$ #4 $78/80$.</p> <p>Checked spark plugs and ignition harness. Checked magnets to engine timing. Checked exhaust system and mufflers.</p> <p>Checked and lubed engine controls. Checked propeller and greased hub. Cleaned main fuel strainer. Test run engine - operational check - OK.</p> <p>I certify this engine has been inspected per conditional inspection and found to be airworthy at this time.</p> <p><i>B. Orlin</i> A&P 3499344</p>

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.)
12-05-10	Tach	213.7		<p>Changed oil and filter using 7 quarts Shell 15W50.</p> <p>Cut apart old filter - no metal noted. Cleaned, capped and tested spark plugs. Checked compression #1 $76/80$ #2 $76/80$ #3 $76/80$ #4 $77/80$. Test run engine. Operational check - OK.</p> <p>No oil leaks noted.</p> <p><i>B. Orlin</i> A&P 3499344</p>

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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4-05-08 Hobbs 156.5
Compression tested #1 $7\frac{3}{8}$ #2 $7\frac{1}{8}$ #3 $7\frac{5}{8}$ #4 $7\frac{7}{8}$.
Checked ignition leads and harness. Checked spark plugs. Checked exhaust system and muffler. Checked propeller and spinner.
Checked engine controls.

I certify this engine has been inspected for conditional inspection and was found to be in airworthy condition.

Ben Ostrom

NTP 483081983

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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5-01-09 Hobbs 172.7 + Eng TT
Compression tested #1 $7\frac{1}{8}$ #2 $7\frac{5}{8}$ #3 $7\frac{1}{8}$ #4 $7\frac{1}{8}$.
Changed oil + filter using 7 quarts Shell 15W50. Cut apart oil filter - no metal noted. Cleaned, gapped and tested spark plugs + spinner assemblies. Checked exhaust and muffler. Checked propeller + engine controls. Test run - no oil leaks noted.

I certify this engine has been inspected for conditional inspection and was found to be in airworthy condition.

Ben Ostrom

NTP 483081983

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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11-09-06 Hobbs 138.5 + En TT
 Compression test results #1 $7\frac{9}{10}$ #2 $7\frac{3}{8}$ #3 $7\frac{4}{5}$ #4 $7\frac{1}{2}$.
 Changed oil and filter using 8 quarts Shell 15W50. Cut apart
 old filter - no metal noted. Checked mag to engine timing.
 Cleaned, gapped and tested spark plugs. Checked ignition leads and
 harness. Checked exhaust system. Checked engine controls.
 Washed engine and test run. Operational check -
 OK, no oil leaks noted.

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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I certify that this engine
 has been inspected in accordance with
annual inspection and was deter-
 mined to be in airworthy condition.
 Tach. Reads 138.5 Date 11-09-06
Steve Schubert
ASP 48308/983 IA

Monticello Aviation
 Monticello, Iowa

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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I certify that this engine
has been inspected in accordance with
100hr inspection and was deter-
mined to be in airworthy condition.

Tach. Reads 77.1 Date 6-01-01

Brian O'Leary

ATP 483081983

Monticello Aviation
Monticello, Iowa

10-01-05 Hobbs 101.2

Engine removed from Glaster N7336K and installed in
Vans RV-9A N26 AJ S/N 90444.
Brian O'Leary ATP 483081983

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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2/22 104
Install Model 441 Engine Heater

Conrad Jacobs Repairs Exp. A/C Builders
Certificate # 3112163

6/20 123
Oil Heater & Oil Pressure Sending Unit
Gasket Replaced gasket, safety wired
cleared, Engine Run and checked for
leaks. O.K.

Conrad Jacobs Repairs Exp. A/C Builders
Certificate # 3112163

2-15-00 Hourmeter 59.7 Eng TT 59.7

Compression test results #1 75/80 #2 75/80 #3 74/80 #4 70/80 . Changed oil and filter using 7 quarts Shell 15w50 and new filter. Cut apart old filter- no signs of metal noted. Cleaned and gapped spark plugs. Checked ignition leads and harness. Checked magneto to engine timing. Checked exhaust system and muffler. Checked induction system. Checked propeller, spinner and governor condition. Checked and lubed all engine controls. Checked starter and alternator mounting and electrical connections. Checked engine mounts. Washed down engine and test run. Operational check OK, no oil leaks noted. All AD's complied with at this time.

certify that this engine
has been inspected in accordance with
100 hr inspection and was deter-
mined to be in airworthy condition.

Each. Reads 59.7 Date 2-15-00

Brian Oderwinkle
A+P 483081983

onticello Aviation
onticello, Iowa

Engine Record General Information

Manufacturer Lycoming Model 0-320-11F

Serial L-18646-39A Type Certificate Stoddard - Hamilton Glastar

This engine is currently installed in aircraft Vans RV9A N26A5 S/N 90444 10-01-05

Minimum Octane Fuel 100LL Oil Grade: Summer 15W50 Winter 15W50

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at 2000 hours

TEXTRON Lycoming

ENGINE

SSP-1872-1

Original
Log #1

LOG

do not
use

ENGINE LOG

Serial No. L-18646-39A

ENGINE DESCRIPTION

D one F

Mfgr.	TEXTRON LYCOMING	Place	Williamsport, PA 17701	Date
Type	Reciprocating Aircraft Engine	Model	O-320-D1F	Serial No. L18646-39A
Rated H.P.	160	Max. H.P.		Weight (Dry)
Rated R.P.M.	2700	Max. R.P.M.		Oil Pressure
Bore	5.125	Stroke		Displacement
Compression Ratio	8.5:1	Supercharger Ratio		Cu. In.
Reduction Gear Ratio				
Propeller	Hartzell	Hub Design		Hub Serial No.
Blade Design		Blade Serial No.		Blade Serial No.
Max. Hub H.P.		Max. Blade H.P.		
Pitch		Diameter		Length
Name				
Address				

TEXTRON Lycoming

Reciprocating Engine Division/
Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING 0320-D/E L-18646-39A
MAKE MODEL SERIAL

FROM _____ 19 _____ TO _____ 19 _____

DETAILING TIME FROM _____ TO _____
HOURS HOURS

SSP 1872-1

October 1994