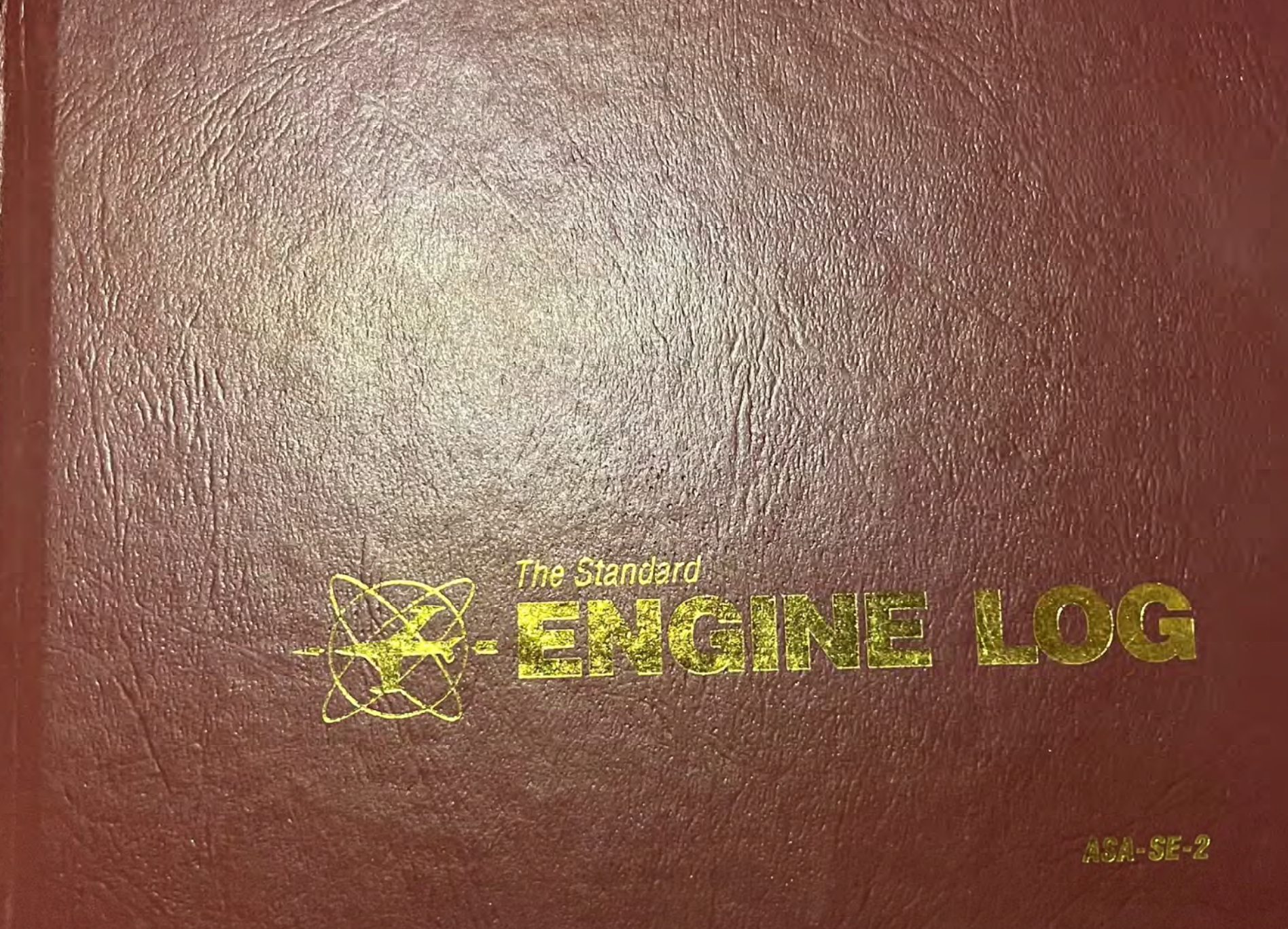
The Standard
ENGINE LOG
ASA-SE-2

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

ENGINE LOG ENTRY

REG#	N919RV	MFG	LYCOMING	MODEL	O320-E2D/D2J	S/N	L-22047-27A
WO#	O13072	AC TT	263.9	HOBBS	263.9		
DATE	7/03/2024	ENG TT	4783.1	TSMOH	214.6		

On this date the following works were carried out in acordance with manufacturer's

1 Changed Oil With 8 QTS Aeroshell W100
2 Replace Oil Filter P/N: AA48110-2

I certify that this aircraft was inspected in accordance with current Regulations of the FAA and is determined to be in airworthy conditions.

Pertinent details are on file at this repair station under the noted work number O13072

Authorized signature

Carlos R. Castañeda L.
A & P 2713571 IA

YEAR 20 DATE	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 of

Custom Aviation Services, LLC

N919RV Engine LOG – make Lycoming model O-320-E2D ser# L22047-27A

Date: 12/1/2021 Dynon HOBBS: 244.5 TACH: 204.6 SMOH: 204.6 TT: 4723.2

Annual condition inspection performed on this engine. Compressions were: #1 79/80 #2 78/80 #3 78/80 #4 78/80. Changed oil with 7 qts. Aeroshell W100 and filter with a new Champion CH48110-1 filter. Replaced all 4 intake rubber tubes with Lycoming #69603, replaced all four-cylinder oil return rubber tubes and #2-cylinder oil return bent tube #68760. Replaced spark plugs with new Tempest UREM40E. Run checked operation normal.

I certify that this aircraft has been inspected on this date in accordance with the scope and detail of appendix D to part 43 and found to be in a condition for safe operation.

Wayne D. Lohmeyer AP2124714

Custom Aviation Services, LLC

N919RV Engine LOG – make Lycoming model O-320-E2D ser# L22047-27A

Date: 5/2/2024 Dynon TACH: 253.9 SMOH: 204.6 TT: 4772.5

Annual condition inspection performed on this engine. Compressions were: #1 79/80 #2 79/80 #3 78/80 #4 73/80. Changed oil with 7 qts. Aeroshell W100 and filter with a new Champion CH48110-1 filter. Replaces air filter with new K&N part # 3260. Run checked operation normal.

I certify that this aircraft has been inspected on this date in accordance with the scope and detail of appendix D to part 43 and found to be in a condition for safe operation.

Wayne D. Lohmeyer AP2124714IA

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.)

Date 07/25/19 Hobbs: 163.6 N919RV

Performed a 100 hour inspection per FAR 43-D, compressions checked; #1 78, #2 78, #3 76, #4 78, checked mag timing, cleaned, gapped, and tested spark plugs, drained oil and changed filter, checked oil strainer and cut open filter, serviced with 7 quarts *Aeroshell* W-100+ oil, checked induction and exhaust system for leaks, cracks, and looseness, cleaned and oiled air filter, engine run-up and ops checked good - no leaks noted.

I certify that this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in a condition for safe operation.

R. Richmond

R. Richmond A&P467415747

Custom Aviation Services, LLC

N919RV Engine LOG – make Lycoming model O-320-E2D ser# L22047-27A

Date: 09/1/2020 Dynon HOBBS: 206.1 TACH: 171.3 SMOH: 171.3 TT: 4689.9

Annual condition inspection performed on this engine. Compressions were: #1 79/80 #2 78/80 #3 78/80 #4 78/80. Changed oil with 7 qts. Aeroshell W100 and filter with a new Champion CH48110-1 filter. Replaced #4-cylinder EGT probe. 500 Hour Inspection and repair was performed on both magnetos by Aircraft Ignitions Services. Replaced magneto gaskets, Cleaned, inspected and gapped spark plugs. Run checked operation normal.

I certify that this aircraft has been inspected on this date in accordance with the scope and detail of appendix D to part 43 and found to be in a condition for safe operation.

Wayne D. Lohmeyer AP2124714

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.)

Date 07/11/18 Hobbs: 122.3 N919RV

Performed a 100 hour inspection per FAR 43-D, compressions checked; #1 76, #2 78, #3 78, #4 78, checked mag timing, cleaned, gapped, and tested spark plugs, drained oil and changed filter, checked oil strainer and cut open filter, serviced with 7 quarts *Aeroshell* W-100+ oil, checked induction and exhaust system for leaks, cracks, and looseness, cleaned and oiled air filter, engine run-up and ops checked good - no leaks noted.

I certify that this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in a condition for safe operation.

R. Richmond

R. Richmond A&P467415747

Date 07/25/19 Hobbs: 163.6 N919RV

Prop 112.4

Checked spinner and back plates for cracks, checked bolt torque, safety wire, and checked blade tracking.

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

R. Richmond

R. Richmond A&P467415747

YEAR
20 17
DATE

Date: May 14, 2017
Make: Vans
Engine Make: Lycoming
Eng. Total Time: 4582.6

AC Total Time: 64.4
Model: RV-7A
Eng. Model: 0-320-E2D
SMOH: 64.4

N#: N919RV
Serial # : 72328
Engine S/N: L-22047-22A

Drained oil and removed oil filter, opened filter to check for contamination none found. Cleaned fuel strainer. Cleaned gapped and tested all spark plugs. Compression checked #1 75/80, #2 74/80, #3 72/80 and #4 72/80. Cleaned engine inlet air filter. Reworked and resealed #3 intake pipe at cyl. flange. Filled engine with Aero Shell 100W Plus. Ground run all checks normal.
"I certify that this engine has been inspected on May 14, 2017 in accordance with the scope and detail of appendix D to Part 43 and found to be in a condition for safe operation."

Robert L. Woods
Robert L. Woods
A&P 1904298

12/26	75.3	7AFT		Replace oil & Filter - No metal Found. Installed Canopy supertracks installed.

Date 07/11/18 **Hobbs:** 122.3 **N919RV**

Checked spinner and back plates for cracks, checked bolt torque, saftey wire, and checked blade track.
I certify that this propeller has been inspected in accordance with a 100 Hour Inspection and was determined to be in a condition for safe operation.

Propeller

R. Richmond
R. Richmond A&P467415747

YEAR 20 16 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.)
3/21				March 21, 2016 Lycoming Engine S/N L22047-27A Total Time: 4518.6 SMOH: 0 Engine Disassembled for Overhaul. Case, Crankshaft, Rods, Gears Overhauled by ECI Services under WO# 138749.1, 138748.1138747.1, 138750.2, 138750.3, 138750.1.Cam and Cam Followers Check by D&S WO#13296-3 and 214309. Installed 4 Cylinder Assemblies from Gibson Aviation under WO# 102064. Rods balanced, Crankshaft Balanced by ECI see yellow tag for weigh adjustments. Installed AEL13444-1 Piston Pins and AEL75089Pistons and Rings. This upgrades the Horsepower to 160. Oil Pump Gears within New limits. Gears found to comply with AD 96-09-10. Engine Assembled and Overhauled in accordance with Lycoming Overhaul Manual, Using all new seals and gaskets. Engine installed in Vans RV-7A Aircraft N919RV. Engine test Ran in accordance with Lycoming SB 1427B. Accessories not overhauled at this time. Jeff Jennings 3129783AP
4/30	5.5	[signature]		O+L changed NO metal found Replaced Filter + Oil w/ Aeroshell Mineral
5/16	27.6	[signature]		O+L Changed + Filter NO Metal found Replaced w/ Aeroshell w/ 100+ All exhaust + Cylinder temps, oil temps IN Normal Range
7/20	57.1	[signature]		Replace Oil + Filter NO metal w/ 100+

Engine Record General Information

Manufacturer Lycoming **Model** O320-E2D / D2J

Serial L22047-27A **Type Certificate**

This engine is currently installed in aircraft: N919 RV
SN: 72328

Minimum Octane Fuel 100 **Oil Grade** Summer Winter

Magneto Time **Point Setting** **Firing Order**

Spark Plug Gap

Manufacturer's Recommended Overhaul at **hours**