

Engine Record General Information

Manufacturer LYCOMING

Model Y10-360-M1B

Serial L-34338-51E

Type Certificate

This engine is currently installed in aircraft: RV7A N459L/N1359L

Minimum Octane Fuel

Oil Grade Summer

Winter

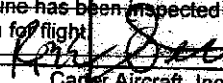
Magneto Time

Point Setting

Firing Order

Spark Plug Gap

Manufacturer's Recommended Overhaul at _____ hours

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: 12/23/2022; Aircraft: N1359L; Type: Vans RV-7A; Hobbs: 638.00; Tach: 20.72; Total Time: 638.00; Engine - Type: Lycoming YIO-360-M1B, S/N: L-34338-51E, Time: 638.00				
Completed				conformity inspection check list on this engine. Performed compression test while the engine was hot and the compression readings were as follows: #1 75/80 #2 73/80 #3 72/80 #4 73/80. This work performed using calibrated compression testing equipment with reference to current Lycoming printed service information including but not limited to: Lycoming Service Instruction No. 1191A and AC 43.13-1B Chapter 8, Section 1, Paragraph 8-14, (a)(1, 2), (b)(1, 2, 3, 4) & (5)(a Thru j). Drained oil out of the engine. Removed the oil filter, cut open and found no metal contamination in the element. Installed, torqued and safetied a new oil filter P/N AA48110-2 on the engine. Filled the engine with Aeroshell W100-50WT Plus oil. Test ran the engine and found no oil leakage evident. This oil change completed with reference to current Lycoming and Home built (RV-7A) published service information including but not limited to the Lycoming Direct Drive Overhaul Manual #60294-7-14 and Lycoming Mandatory Service Bulletin No. 480F. This oil filter was installed in with reference to Tempest instructions printed on the filter can. Removed the safety wire from the loose dip stick tube and tightened the tube. Safetied the tube in place with safety wire. Cleaned and installed the pin and spring in the bottom #1 ignition lead. Adjusted the engine to magneto timing on both magnetos with reference to the timing specified on the engine data plate. Checked the magnetos for proper operation and oil leakage during the engine run up. Found that both mags function normally and there is no oil leakage evident at this time.
12/23/2022	Roger E. Smith			I certify that this aircraft engine has been inspected in accordance with the scope and detail of FAR Part 43 Appendix D, and was found to be in safe condition for flight. A & P 3442201 Carier Aircraft, Inc.
Date: 12/15/2023; Aircraft: N1359L; Type: Vans RV-7A; Hobbs: 650.10; Tach: 20.72; Total Time: 650.10; Engine - Type: Lycoming YIO-360-M1B, S/N: L-34338-51E, Time: 650.10				
Completed Annual Conditional Inspection				check list on this engine. Performed compression test while the engine was hot and the compression readings were as follows: #1 77/80 #2 74/80 #3 77/80 #4 73/80. Drained oil and removed the oil filter, cut open and found no metal contamination in the element. Installed, torqued and safetied a new oil filter P/N AA48110-2 on the engine. Filled the engine with X/C20W-50wt oil. Test ran the engine and found no oil leakage evident. Repositioned and secured the Tanis oil heater wiring harness to stop contact between the harness and the propeller pitch control oil line. Inspected the oil line and could find no mark on the line in the area of the wire contact. Torqued the nuts securing both magnetos to the engine. Inspected for oil seepage after test run and no seepage was evident. Removed all of the fuel nozzles from the engine and cleaned by soaking in Hoppe's No. 9 with a rinse in sonic bath machine. Inspected and installed the cleaned nozzles in the engine torquing the nozzles to 60 pound inches. Torqued the B Nut on fuel nozzle lines to 20-25 pound inches. Ran the electric fuel pump to inspect for fuel leakage from nozzle lines. No leakage evident at this time. This work completed with reference to current published Lycoming and Allied Bendix service information including but not limited to the following information; Lycoming Direct Drive Overhaul Manual

YEAR 2021 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.)
12-02-2021		VANS RV7-A-S*	73092	- N1359L
	TACH -		HOBBS	AFTT ENGINE TOTAL TIME
	ENGINE	LYCOMING	Y10-360-M1B	SERIAL L-34338-51E
	PERFORMED	100 HRS/ANNUAL	CONDITION	INSPECTION -
	REPLACE	OIL AND FILTER	ADD	7qts Aeroshell w100PLus -
	CHECK	Compression -	REGAR	SPARK PLUGS - #178/80 #278/80 #376/80 #78/80
	OVERHAUL	BOTH MAGNETOS w/TOPIC	AIR POWER	SEE DOCUMENTS -
	NEW	AIR FILTER	INSTALL ON	NEW AIR INTAKE MANIFOLD -
	SAFETY	WIRED -	RUN TEST -	NO DISCREPANCIES NOTED
	FOUND	THIS ENGINE	IN SAFETY	CONDITIONS TO RETURN
	TO SERVICE	UP TO DATE		
				HUGO O. TERRO JR AP/IA 2652567

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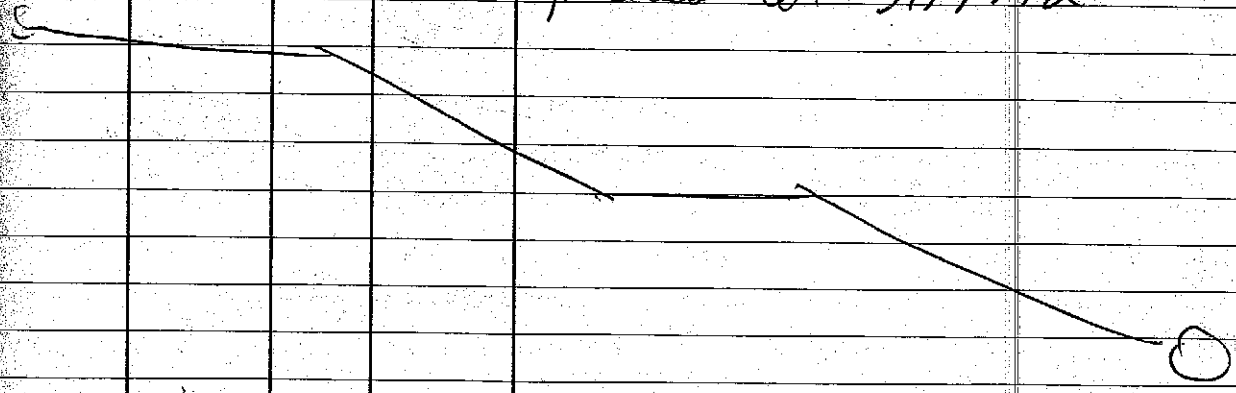
Date 01/04/2021 Tach 385.35 N1359L

Performed a 100 hour inspection per FAR 43-D, compressions checked; #1 78, #2 78, #3 78, #4 76, cleaned, gapped, and tested spark plugs, drained oil and changed filter, checked oil screen and cut open oil filter to inspect, found clean, serviced with 7 quarts Phillips 20/50 oil, checked fuel servo screen, cleaned and oiled air filter, 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

2/19/2021

Replaced VDO Oil Pressure Sender. Tested
for leaks. Cert. 3917442



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R & D American Aviation LLC.

2751 NE Douglas Suite B Hanger J
 Lee's Summit, MO 64064
 Ph. 816/525/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine TSN
12/18/2019	365.98	505.2	505.2	505.2

N1359L Lycoming YIO-360-M1B S/N L-34338-51E

Drained oil, took US Oilchek sample provided by owner. service engine with 7 Qts. of Phillips XC 20W/50, Removed oil filter, cut apart, and checked for metals, none noted. Installed new CH48110-1 oil filter, torqued to 192 in. lbs. and safetied. Checked compressions #1. 77/80, #2. 78/80, #3. 79/80, #4. 76/80. Checked mag timing, found ok. Removed spark plugs, cleaned, gapped, and tested, checked ok. Reinstalled spark plugs with new gaskets P/N M674 (8 each). Pressure test exhaust system for cracks, none noted. Inspected engine hoses, lines, clamps and mounts, all checked ok. Lubricated and inspected engine controls, checked ok. Removed, cleaned, and inspected fuel injectors, checked ok. Reinstalled fuel injectors. C/W AD 15-19-07 (11/03/2015) External fuel injector lines per MSB 342G, no defect noted. Next due 615.2 Hobbs or 12/2020 annual. Removed, cleaned K&N engine air filter and re-oiled. Reinstalled filter. Ran engine checked for leaks none noted. I certify that this engine has been inspected on 12/18/2019 I/A/W the scope and detail of Appendix "D" of 14 CFR part 43 and has been found to be in a condition for safe flight this date 12/18/2019.

Richard L. White A&P3162074

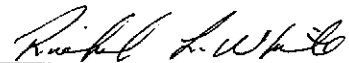
Richard L. White

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2751 NE Douglas Suite B Hanger J
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Ph. 816/525/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine TSN
01/01/2019	338.56	462.6	462.6	462.6
N1359L Lycoming YIO-360-M1B S/N L-34338-51E				
<p>Drained oil, took US Oilchek sample provided by owner. service engine with 7 Qts. of Phillips XC 20W/50, Removed oil filter, cut apart, and checked for metals, none noted. Installed new CH48110-1 oil filter, torqued to 192 in. lbs. and safetied. Checked compressions #1. 76/80, #2. 75/80, #3. 77/80, #4. 75/80. Checked mag timing, found ok. Removed spark plugs, cleaned, gapped, and tested, checked ok. Reinstalled spark plugs with new gaskets P/N M674 (8 each). Pressure test exhaust system for cracks, none noted. Inspected engine hoses, lines, clamps and mounts, all checked ok. Lubricated and inspected engine controls, checked ok. Removed, cleaned, and inspected fuel injectors, checked ok. Reinstalled fuel injectors. C/W AD 15-19-07 (11/03/2015) External fuel injector lines per MSB 342G, no defect noted. Next due 572.6 Hobbs or 2020 annual. Removed, cleaned K&N engine air filter and re-oiled. Reinstalled filter. Ran engine checked for leaks none noted. I certify that this engine has been inspected on 01/01/2019 I/A/W the scope and detail of Appendix "D" of 14 CFR part 43 and has been found to be in a condition for safe flight this date 01/01/2019.</p>				
Richard L. White A&P3162074 				

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2751 NE Douglas Suite B Hanger J
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Date	Tach	Hobbs	Engine TT	Engine TSN
12/29/2017	323.27	436.9	436.9	436.9

N1359L Lycoming YIO-360-M1B S/N L-34338-51E

Removed intermittent starter for repair. Reinstalled repaired starter ops ck good.

Richard L. White A&P3162074

Richard L. White

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Date	Tach	Hobbs	Engine TT	Engine TSN
04/25/2018	327.93	444.4	444.4	444.4

N1359L Lycoming YIO-360-M1B S/N L-34338-51E

Drained oil, tool US Venture oil sample owner provided, service engine with 7 Qts. of Phillips XC 20W/50, Removed oil filter, cut apart, and checked for metals, none noted. Installed new CH48110-1 oil filter, torqued to 192 in. lbs. and safetied. Lubed all slip joints with mouse milk. Ran engine checked for leaks none noted.

Richard L. White A&P3162074

Richard L. White

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2751 NE Douglas Suite B Hanger J

Lee's Summit, MO 64064

Ph. 816/525/5996 Fax 816/525/5997

Date	Tach	Hobbs	Engine TT	Engine TSN
11/12/2017	320.71	433.3	433.3	433.3

N1359L Lycoming YIO-360-M1B S/N L-34338-51E

Drained oil, took oil sample provided by owner. service engine with 7 Qts. of Phillips XC 20W/50, Removed oil filter, cut apart, and checked for metals, none noted. Installed new CH48110-1 oil filter, torqued to 192 in. lbs. and safetied. Checked compressions #1. 75/80, #2. 75/80, #3. 75/80, #4. 75/80. Checked mag timing, adjusted right mag to 25° left mag found ok. Removed spark plugs, cleaned, gapped, and tested, checked ok. Reinstalled spark plugs with new gaskets P/N M674 (8 each). Removed rocker cover cleaned and installed new Real gaskets P/N RG-75906-SP (4 ea.). Pressure test exhaust system for cracks, none noted. Inspected engine hoses, lines, clamps and mounts, all checked ok. Lubricated and inspected engine controls, checked ok. Removed, cleaned, and inspected fuel injectors, checked ok. Reinstalled fuel injectors. C/W AD 15-19-07 (11/03/2015) External fuel injector lines per MSB 342G, no defect noted. Next due 543.3 Hobbs or 2018 annual. Ran engine checked for leaks none noted. I certify that this engine has been inspected on 11/12/2017 I/A/W the scope and detail of Appendix "D" of 14 CFR part 43 and has been found to be in a condition for safe flight this date 11/12/2017.

Richard L. White A&P3162074

Richard L. White

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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	Tach	Hobbs	Engine TT	Engine TSN
10/03/2016	288.95	384.7	384.7	384.7

N1359L Lycoming Y10-360-M1B S/N L-34338-51E

Drained oil, service engine with 7 Qts. of Phillips XC 20W/50, Removed oil filter, cut apart, and checked for metals, none noted. Installed new CH48110-1 oil filter, torqued to 192 in. lbs. and safetied. Checked compressions #1. 78/80, #2. 76/80, #3. 76/80, #4. 77/80. Checked mag timing, found ok. Removed spark plugs, cleaned, gapped, and tested, checked ok. Reinstalled spark plugs with new gaskets P/N M674 (8 each). Pressure test exhaust system for cracks, none noted. Inspected engine hoses, lines, clamps and mounts, all checked ok. Lubricated and inspected engine controls, checked ok. Removed, cleaned, and inspected fuel injectors, checked ok. Reinstalled fuel injectors. C/W AD 15-19-07 (11/03/2015) External fuel injector lines per MSB 342G, no defect noted. Next due 494.7 Hobbs or 2017 annual. Ran engine checked for leaks none noted. I certify that this engine has been inspected on 10/03/2016 I/A/W the scope and detail of Appendix "D" of 14 CFR part 43 and has been found to be in a condition for safe flight this date 10/03/2016.

Richard L. White A&P3162074

Richard L. White

YEAR 20 15	RECORDING TACH Hrs 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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11-11-2015	335.5			<p>Changed oil and filter, serviced with 7qts of Phillips XC 20W-50 and a CH 48110-1 filter. No metal was found in old filter. Sample was taken for oil analysis. Engine run-up for leak check. None found.</p> <p>Kenneth P. Stromming 313449261</p>
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05-25-16	362.0			<p>Changed oil and filter, serviced with 7qts of Phillips XC 20W-50 and a CH 48110-1 filter. No metal was found in old filter. Oil sample was submitted for analysis. Engine was run for leak check. None found.</p> <p>Kenneth P. Stromming 313-44-9261</p>
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