

# N60372

09/09/2022  
 MODEL IO-360-L2A  
 S/N L-29721-51A  
 TACH READING TTE: 9909.5 TSMOH: 0.0

AIRCRAFT ENGINE SPECIALISTS, LLC  
 2330 SOUTH AIRPORT BOULEVARD, SUITE #5  
 CHANDLER, ARIZONA 85286  
 (480) 516-0390 CRS # ZF7R728Y

This engine has been overhauled in accordance with the Lycoming Overhaul Manual 60294-7-14 and other FAA-approved procedures. Applicable FAA Airworthiness Directives and manufacture service bulletins have been complied with, see AD sheet NDT wo N2181-22-03. Crankshaft pn I3B27121 sn V57390547E repaired by ACSS wo 273059. Camshaft repaired wo 273059. Lifters are new. Connecting rods overhauled Western Skyways wo W059328. Crankcase repaired by Divco wo I31674. New Superior cylinders sn #1- 366W000007000, #2- 366W000007004, #3- 366W000007005, #4- 366W000007007. Fuel pump AF-15473, sn OWLB18, new. Flow Divider 2576556-1 sn 0282308 overhauled, wo F1626-22-03. Fuel Servo 2576536-2 sn 70AA3910 overhauled, Avstar wo 56648001. Right magneto 4371, sn 16070649, overhauled wo M6352-22-08. Left magneto 4371, sn 14091329, overhauled wo M6261-22-06. Starter 149-NL/EC sn H-W050856, new. Engine test run and was found to be in an airworthy condition. Further details of this engine overhaul may be found at this facility under work order E5857-22-03.

James Wheeler

Parts Used on WOW E5857-22-03

1	05K22720	CAMSHAFT KIT	1	SL1026-B	BALL-CHROME ALLOY	4	SL36006W-A20P	POWER ASSY NEW
1	13B27121 OHC	CRANKSHAFT OHC	1	SL15F19957-34	PUSHROD (360)	4	STD-1821	HOSE
1	149-NL/EC	STARTER	1	SL15F19957-35	PUSHROD (360)	4	STD-1901	SCREW, DRIVE
1	204418-156	OIL FILTER ADAPT ASSY	1	SL53E19600	VERNATHERM VALVE	4	STD-82	SCREW
1	23D26777	PLUNGER	1	SL61084	SPRING (360)	5	MS27769-1	PLUG
1	2576556-1 OHC	FLOW DIVIDER	1	SL69371-1	GASKET SET	5	MS49005-2	PLUG
1	70484	SCREEN	1	SL73161	SPACER, FUEL INJECTOR	8	200-06H	CLAMP
1	72220	GASKET	1	SL-STD-1211	PLUG	8	200-28H	CLAMP
1	75761	TUBE	1	STD-2168	NUT	8	72198	PLUG
1	75767	TUBE	1	STD-2229	PLUG	8	74637	BUSHING
1	77908	VALVE ASSY	1	STD-2246	SCREW	8	REM38E	SPARK PLUG
1	AA48110-2	FILTER	2	4371 OHC	MAGNETO OHC	8	SL11485	TUBE, SHROUD (360)
1	AE3663161E0374	HOSE ASSY	2	APS-68761	TUBE ASSY	8	SL12186	NUT
1	AE3663161G0180	HOSE ASSY	2	SL13884A	BEARING, FRONT MAIN	8	SL13521A M03	BEARING
1	AF15473	FUEL PUMP	2	SL16711A M03	BEARING	8	SL16266-10-13	CLAMP
1	APS-68759	TUBE ASSY	2	SL75339	BAFFLE ASSY	8	SL16266-10-75	CLAMP
1	APS-68760	TUBE ASSY	2	STD-551	PLUG	8	SL75061	ROD BOLT
1	L1-SAR-II	IGNITION HARNESS 4CYL	3	SL31H-0 88	BOLT	9	MS27039-1-08	MACHINE SCREW
1	LW-31-1 16	BOLT	4	06B26669	GASKET SET	10	STD-1410	NUT
1	MS21333-104	CLAMP, CUSHIONED	4	69603	HOSE ASSY	12	MS21044N3	NUT
1	MS21919WDG10	CLAMP	4	LW11750 OHC	CON ROD OHC	25	MS35649-2252	NUT
1	MS35489-20X	GROMMET	4	LW-14078	PIN, PISTON	100	MS35333-40	WASHER

-END-

REG. NO.: **N60372**  
 MODEL: **C172S**  
 S/N: **172S10216**

Engine: **IO-360-L2A**  
 S/N: **L-29721-51A**  
 Tach: **12307.2**

DATE: **9/25/2022**  
 WORK ORDER:  
 Eng. TSOH: **0.0**

**LOG ENTRY**

Installed overhauled engine S/N L-29721-51A (See Aircraft Engine Specialists work order number E5857-22-3) with 4 new Lord engine mounts (2 each P/N J-9613-49 & -72). Installed pre-existing induction air filter and installed new AWI muffler (P/N A1754001-23; S/N 228372) and shroud (P/N A9954100-3; S/N 233992) with serviceable exhaust risers, alternator, and vacuum pump. Cleaned and flushed oil cooler. Serviced with 8 quarts of Aeroshell 100 Mineral Oil. Ground ran and leak checked satisfactorily.

SIGNATURE: \_\_\_\_\_  
 Kelly M Yates

CERTIFICATE NUMBER: \_\_\_\_\_

REG. NO.: **N60372**  
 MODEL: **C172S**  
 S/N: **172S10216**

Engine: **IO-360-L2A**  
 S/N: **L-29721-51A**  
 Tach: **12344.2**

DATE: **9/30/2022**  
 WORK ORDER:  
 Eng. TSOH: **37.0**

**LOG ENTRY**

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Ground ran and leak checked satisfactorily. Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @12454.2 tach time.

SIGNATURE: \_\_\_\_\_  
 Kelly M Yates

CERTIFICATE NUMBER: \_\_\_\_\_

# N60372

REG. NO.: N60372  
MODEL: C172S  
S/N: 172S10216

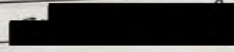
Engine: IO-360-L2A  
S/N: L-29721-51A  
Tach: 12394.4

DATE: 10/15/2022  
WORK ORDER:  
Eng. TSOH: 87.2

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Ground ran and leak checked satisfactorily. Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @12504.4 tach time.

SIGNATURE:   
Kelly M Yates

CERTIFICATE NUMBER: 

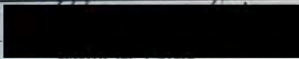
REG. NO.: N60372  
MODEL: C172S  
S/N: 172S10216


Engine: IO-360-L2A  
S/N: L-29721-51A  
Tach: 12454.2

DATE: 11/6/2022  
WORK ORDER:  
Eng. TSOH: 147.0

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Ground ran and leak checked satisfactorily. Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @12564.2 tach time.

SIGNATURE:   
Kelly M Yates

CERTIFICATE NUMBER: 

REG. NO.: N60372  
MODEL: C172S  
S/N: 172S10216

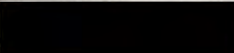
Engine: IO-360-L2A  
S/N: L-29721-51A  
Tach: 12512.1

DATE: 11/23/2022  
WORK ORDER:  
Eng. TSOH: 204.9

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Ground ran and leak checked satisfactorily. Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @12622.1 tach time.

SIGNATURE:   
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CERTIFICATE NUMBER: 


REG. NO.: N60372  
MODEL: C172S  
S/N: 172S10216

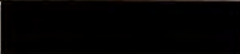
Engine: IO-360-L2A  
S/N: L-29721-51A  
Tach: 12588.1

DATE: 12/24/2022  
WORK ORDER:  
Eng. TSOH: 280.9

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Ground ran and leak checked satisfactorily. Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @12698.1 tach time.

SIGNATURE:   
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CERTIFICATE NUMBER: 


REG. NO.: N60372  
MODEL: C172S  
S/N: 172S10216


Engine: IO-360-L2A  
S/N: L-29721-51A  
Tach: 12643.3

DATE: 1/16/2023  
WORK ORDER:  
Eng. TSOH: 336.1

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Ground ran and leak checked satisfactorily. Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @12753.3 tach time.

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CERTIFICATE NUMBER: 

# N60372

REG. NO.: N60372  
MODEL: C172S  
S/N: 172S10216

Engine: IO-360-L2A  
S/N: L-29721-51A  
Tach: 12695.3

DATE: 2/7/2023  
WORK ORDER:  
Eng. TSOH: 388.1

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Ground ran and leak checked satisfactorily. Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @12805.3 tach time.

SIGNATURE: [Redacted]  
Kelly M Yates

CERTIFICATE NUMBER: [Redacted]

REG. NO.: N60372  
MODEL: C172S  
S/N: 172S10216

Engine: IO-360-L2A  
S/N: L-29721-51A  
Tach: 12740.8

DATE: 2/27/2023  
WORK ORDER:  
Eng. TSOH: 433.6

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Ground ran and leak checked satisfactorily. Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @12850.8 tach time.

SIGNATURE: [Redacted]  
Kelly M Yates

CERTIFICATE NUMBER: [Redacted]

REG. NO.: N60372  
MODEL: C172S  
S/N: 172S10216

Engine: IO-360-L2A  
S/N: L-29721-51A  
Tach: 12800.7

DATE: 3/21/2023  
WORK ORDER:  
Eng. TSOH: 493.5

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Ground ran and leak checked satisfactorily. Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @12910.7 tach time.

SIGNATURE: [Redacted]  
Kelly M Yates

CERTIFICATE NUMBER: [Redacted]

REG. NO.: N60372  
MODEL: C172S  
S/N: 172S10216

Engine: IO-360-L2A  
S/N: L-29721-51A  
Tach: 12829.3

DATE: 3/31/2023  
WORK ORDER:  
Eng. TSOH: 522.1

## LOG ENTRY

Installed an overhauled Rapco vacuum pump (P/N RAP215CC; S/N 203676). Installed a new instrument filter.

SIGNATURE: [Redacted]  
Kelly M Yates

CERTIFICATE NUMBER: [Redacted]

REG. NO.: N60372  
MODEL: C172S  
S/N: 172S10216

Engine: IO-360-L2A  
S/N: L-29721-51A  
Tach: 12852.8

DATE: 4/6/2023  
WORK ORDER:  
Eng. TSOH: 545.6

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Cleaned, gapped and rotated spark plugs. Ground ran and leak checked satisfactorily. Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @12962.8 tach time.

SIGNATURE: [Redacted]  
Kelly M Yates

CERTIFICATE NUMBER: [Redacted]

# N60372

REG. NO.: **N60372** Engine: IO-360-L2A DATE: **4/19/2023**  
MODEL: C172S S/N: L-29721-51A WORK ORDER:  
S/N: 172S10216 Tach: **12905.3** Eng. TSOH: **598.1**

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @13015.3 tach time. Ground ran and leak checked satisfactorily.

SIGNATURE: [REDACTED]

CERTIFICATE NUMBER: [REDACTED]

REG. NO.: **N60372** Engine: IO-360-L2A DATE: **5/5/2023**  
MODEL: C172S S/N: L-29721-51A WORK ORDER:  
S/N: 172S10216 Tach: **12955.5** Eng. TSOH: **648.3**

## LOG ENTRY

Drained engine oil and serviced with 8 quarts of Aeroshell W100 Plus engine oil. Installed a new oil filter (AA48110-2). Complied with AD#2015-19-07 (Dated 11-03-2015) by visual inspection. No defects noted. Next due @13065.5 tach time. Ground ran and leak checked satisfactorily.

SIGNATURE: [REDACTED]

CERTIFICATE NUMBER: [REDACTED]

ENGINE