

Reg. No.: N421ER

ENGINE

Date 1/26/2015

Removed this engine, S/N L-27790-51A, from N421ER due to high time. Further details on file at this facility under W.O. DVT-15-3809.

ETT	7526.8
TACH	775.5
TSO	3234.4

ProAir

AVIATION MAINTENANCE LLC.

Form PAA 101 REV 10/31/12

Authorized Signature

FAA Approved Repair Station No. 7TFR567Y

Arizona Air-Craftsman

Fax #

MAKE LYCOMINGMODEL IO-360-L2AS/N L-27790-51ADATE 4/2/2015TSMOH -0-TOTAL TIME 7526.8

Arizona Air-Craftsman certifies that this engine has been disassembled, inspected, overhauled and tested in accordance with recommended procedures and all clearances and tolerances are within specified limits. Procedures and limits used are as contained in engine manufacturer's overhaul manual number 60294-7-9. A listing of applicable airworthiness directives, factory bulletins, letters, and instructions complied with are listed in aircraft records. The engine identified above was overhauled and inspected in accordance with current regulation of the Federal Aviation Administration and is approved for return to service. Pertinent details of the overhaul are on file at this facility under work order number 23639.

Sign

A&P

IO-360-L2A
TT: 7526.8

SN: L-27790-51A

WO: 23639

DATE: 04-02-2015

Engine disassembled, cleaned, inspected and overhauled this date. Ferrous parts M.P.I. Non ferrous parts F.P.I. Crankcases repaired by Crankcase Services. Crankshaft PN 13B27121, SN V53793033 repaired by Aircraft Specialties (M003 mains and rods). C/W MSB505B MSB530B and MSB475C, new bolt and tab. Connecting rods repaired by AEA. New camshaft kit, PN 05K22720. New T18T12.OCA cylinder kits. New Sky-Tec (149-NL/co) starter. New Slick magnetos. New ignition harness and new fuel pump (SB615). Fuel system overhauled by Airflow Performance. P/C/W MSB PRS-107 R4. C/W MSB342G fuel line inspection and installation. Repairs and overhaul IAW Lycoming Manual PN 60294-7-9. Engine Test cell run.

A&P
Arizona Air-Craftsman

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SUPPLEMENTAL MAINTENANCE LOGBOOK-SECTION:

PAGE:

Reg.No. - N154ME

ENGINE

Date 8-17-16

Drained oil, removed and inspected oil filter. Installed a new CH48110-1 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil. Run-up and leak checks good.

TTAF	12406.0
Tach	8034.6
ETSN	8557.2
ETSO	1030.4

WESTWIND

Westwind Aviation, Inc.

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A&P

09/8/2016 Engine Log Hobbs: 8086.0 Eng. SMOH: 1081.8 Eng. TSN: 8608.6
N154ME TTAF: 4312.8

Complied with a 100-hour inspection IAW Cessna SM and 14 CFR Part 43 Appendix D. Compressions checked IAW Lycoming SB1191: 1-79/80, 2-73/80, 3-70/80, 4-78/80 (hot). Drained oil, inspected and replaced oil filter (AA48110-2) no defects noted at this time. serviced with 8 qts Aeroshell 15W-50 1 Av-blend. Cleaned, inspected, gapped & tested spark plugs. Checked magneto timing. Ops and leak checks good

Replaced Starter Ring Gear (72566)

CW AD 2015-19-07 (11-03-2015) IAW MSB342G by inspection of fuel lines & clamps, no defects noted at this time.

All work done IAW Cessna SM, Lycoming SM, Reference AC43.13-1B, ICA's and standard practices. Ops and leak check good.

I certify this engine has been inspected IAW a 100-hour checklist and is approved for return to service at this time.

Bill W. Willingham

A&P

Reg.No. - N154ME

ENGINE

Date 9-19-16

Drained oil, removed and inspected oil filter. Installed a new CH48110-1 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil. Run-up and leak checks good.

TTAF	12505.9
Tach	8134.5
ETSN	8657.1
ETSO	1130.3

WESTWIND

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Reg. No. - N154ME

ENGINE

Date 10/14/16

I certify that this engine has had a 100HR inspection IAW 14 CFR Part 43 Appendix D. Referencing WWA checklist for 100 hour/annual inspections and determined to be in airworthy condition.

For AD compliance, see recurring AD sheets and AD listing.

Compressions: #1 76/80 #2 76 /80 #3 78/80 #4 76/80

TTAF	12556.7
Tach	8185.3
ETSN	8707.9
ETSO	1181.1

Drained oil, removed and inspected oil filter. Installed a new CH48110 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil. Run-up and leak checks good. CW AD 2015-19-07 (11/03/15) Lycoming Fuel Injection Line IAW MSB-342G. Next due in 110 hours at tach 8295.3 whenever maintenance is performed on the system.

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SUPPLEMENTAL MAINTENANCE LOGBOOK-SECTION:

PAGE:

Reg.No. - N154ME

ENGINE

Date 11-1-16

Drained oil, removed and inspected oil filter. Installed a new CH48110-1 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil. Run-up and leak checks good.

TTAF	12608.5
Tach	8237.1
ETSN	8759.7
ETSO	1232.9

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Reg. No. - N154ME

W/O # S14704 ENGINE

Date 11-19-16

I certify that this engine has had a 100HR inspection IAW 14 CFR Part 43 Appendix D. Referencing WWA checklist for 100 hour/annual inspections and determined to be in airworthy condition.

For AD compliance, see recurring AD sheets and AD listing.

Compressions: #1 72/80 #2 70/80 #3 74/80 #4 76/80

TTAF	12655.6
Tach	8284.2
ETSN	8806.8
ETSO	1280.0

Drained oil, removed and inspected oil filter. Installed a new CH48110-1 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil and 1 Avblend. Run-up and leak checks good. CW AD 2015-19-07 (11/03/15) Lycoming Fuel Injection Line IAW MSB-342G. Next due in 110 hours at tach 8394.2 or whenever maintenance is performed on the system.

Installed anti-chafe on #3 oil return line, Installed 8 new REM38E spark plugs

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Reg.No. - N154ME

ENGINE

Date 12-8-16

Drained oil, removed and inspected oil filter. Installed a new CH48110-1 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil. Run-up and leak checks good.

TTAF	12704.3
Tach	8332.9
ETSN	8855.5
ETSO	1328.7

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Reg. No. - N154ME

ENGINE

Date 1/19/17

I certify that this engine has had a 100HR inspection IAW 14 CFR Part 43 Appendix D. Referencing WWA checklist for 100 hour/annual inspections and determined to be in airworthy condition.

For AD compliance, see recurring AD sheets and AD listing.

Compressions: #1 76/80 #2 74 /80 #3 NA\80 #4 76/80

TTAF	12754.4
Tach	8383.0
ETSN	8905.6
ETSO	1378.8

Drained oil, removed and inspected oil filter. Installed a new CH48110 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil. Run-up and leak checks good. CW AD 2015-19-07 (11/03/15) Lycoming Fuel Injection Line IAW MSB-342G. Next due in 110 hours at tach 8493.0 whenever maintenance is performed on the system.

Installed repaired cylinder #3 Part# T1ST12-OCA, SN 105051-20

Installed new baffle spring on RH engine baffles

Installed new oil return tube on #3 cylinder

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SUPPLEMENTAL MAINTENANCE LOGBOOK-SECTION:

PAGE:

Date 3-19-18

ENGINE

Reg.No. - N154ME

Drained oil, removed and inspected oil filter. Installed a new CH48110-1 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil and one can Avblend. Run-up and leak checks good.

TTAF	13895.1
Tach	9523.7
ETSN	10046.3
ETSO	2519.5

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ENGINE

Reg.No. - N154ME

I certify that this engine has had a 100HR inspection IAW 14 CFR Part 43 Appendix D. Referencing WWA checklist for 100 hour/annual inspections and determined to be in airworthy condition. For AD compliance, see recurring AD sheets and AD listing. Compressions: #1 76/80 #2 72/80 #3 77/80 #4 77/80

TTAF	13941.9
Tach	9570.5
ETSN	10093.1
ETSO	2566.3

Drained oil, removed and inspected oil filter. Installed a new CH48110 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil. Run-up and leak checks good. C/W AD 2015-19-07 (11/03/15) Lycoming Fuel Injection Line IAW MSB-342G. Next due in 110 hours at tach 9680.5 or whenever maintenance is performed on the system. Replaced #1 rocker gasket cover. Replaced all 8 spark plugs

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A&P

WESTWIND

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ENGINE

Reg.No. - N154ME

Drained oil, removed and inspected oil filter. Installed a new CH48110-1 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil and one can Avblend. Run-up and leak checks good.

Date 4-19-2018

TTAF	13991.3
Tach	9619.9
ETSN	10142.5
ETSO	2615.7

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ENGINE

Reg.No. - N154ME

Replaced left magneto coil K3975

Date 4-20-18

Tach	9621.2
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SUPPLEMENTAL MAINTENANCE LOGBOOK-SECTION:

PAGE:

Date 5/11/18

ENGINE

Reg.No. - N154ME

I certify that this engine has had a 100HR inspection IAW 14 CFR Part 43 Appendix D. Referencing WWA checklist for 100 hour/annual inspections and determined to be in airworthy condition. For AD compliance, see recurring AD sheets and AD listing. Compressions: #1 70/80 #2 72/80 #3 74/80 #4 78/80

TTAF	14040.9
Tach	9669.5
ETSN	10192.1
ETSO	2665.3

Drained oil, removed and inspected oil filter. Installed a new CH48110 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil. Run-up and leak checks good. C/W AD 2015-19-07 (11/03/15) Lycoming Fuel Injection Line IAW MSB-342G. Next due in 110 hours at tach 9779.5 or whenever maintenance is performed on the system.

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WESTWIND

Westwind Aviation, Inc.

ENGINE

Reg.No. - N154ME

Date 5-24-2018

Drained oil, removed and inspected oil filter. Installed a new CH48110-1 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil and one can Avblend. Run-up and leak checks good.

TTAF	14087.9
Tach	9716.5
ETSN	10239.1
ETSO	2712.3

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WESTWIND

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AIRFRAME

Reg.No. - N154ME

Date 06/05/2018

Replaced Tachometer, p/n SL1010-43010-13-H02, s/n 2455, Tach Shaft, p/n S2550 -15, Tach Shaft Drive Seal, p/n LW14260. Ops Check Good.

Tach	9748.6
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Authorized Signature

A&P

WESTWIND

Westwind Aviation, Inc.

ENGINE

Reg.No. - N154ME

Date 6-14-2018

I certify that this engine has had a 100HR inspection IAW 14 CFR Part 43 Appendix D. Referencing WWA checklist for 100 hour/annual inspections and determined to be in airworthy condition. For AD compliance, see recurring AD sheets and AD listing. Compressions: #1 76/80 #2 72/80 #3 78/80 #4 70/80

TTAF	14139.9
Tach	9768.5
ETSN	24431.0
ETSO	16904.2

Drained oil, removed and inspected oil filter. Installed a new CH48110 oil filter torqued and safetied. Serviced the engine with 8 qts AS15W50 oil. Run-up and leak checks good. C/W AD 2015-19-07 (11/03/15) Lycoming Fuel Injection Line IAW MSB-342G. Next due in 110 hours at tach 9878.5 or whenever maintenance is performed on the system.

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