

The Standard

ENGINE LOG

ASA-SE-2

The Standard Engine Log
SE-2

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Engine Record General Information

Manufacturer LYCOMING **Model** O-235-L2C

Serial SN-L 14810-15 **Type Certificate** _____

This engine is currently installed in aircraft: N13EA CESNNA 152

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

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

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ **hours**

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DATE 19 98	RECORDING TACH TIME	TODAYS 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.)
3/18	4566.6		2425.1	Mar.18,1998 N13EA Lyc. O-235-l2C Sn. L-14810-15 Engine Total Time - 2425.1 Removed and disassembled engine for major overhaul. Crankcase and accesory case inspected and certified by Ajax aviation inc. . Crankshaft ground and certified by Aircraft Engine and Accessories inc.Connecting rods inspected and certified by Aircraft Engine and Accessories inc. Replaced all connecting rod bolts and nuts with new Lycoming parts. Replaced camshaft with new Lycoming unit. All cam followers reground and certified. All cylinders replaced with ECI Cerminil cylinders. All valves replaced with new valves. (cylinders, valves and piston rings from A.E.R.O inc.) . All pistons replaced with new Lycoming LW-18725 pistons in accordance with S.T.C SE792NW (Sparrowhawk STC). All piston pins and caps replaced with new Lycoming pins and caps. All rocker arms reground and certified by Aircraft Engine and Accesories inc. The following oil pump parts were found in the engine and found to be in like new condition: gear pn. SL18109A , gear pn. SL18110A-B , housing pn. 78531, drive shaft pn. 61174 . These parts constitute compliance with AD 96-09-10 . Crankshaft gear pn. 61155 and crankshaft were modified by Aircraft Engine and Accesories in compliance with S.B. 475 and AD 91-14-22 . Gear bolt tightened to 204 in.lb.Replaced starter ring gear on flywheel. Reassembled engine and reinstalled on aircraft with new motor mounts, and modified baffles in accordance with STC SA1000NW.

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				Repaired carb heat box and installed new paper air filter Installed new Sky-Tec starter in accordance with STC SE00357NY .Complied with AD 86-24-07 by installing castle nuts and cotter pins for engine control hardware..Refilled with Phillips XC oil and run-up according to ECI instructions. Verified proper compliance with AD 93-18-03 and AD 93-19-04 by checking carb data plate for correct stampings. The stamping on the carb also constitutes compliance with AD 98-01-06 Verified previous compliance with AD 97-01-13 (fuel and oil hoses). Installed new Sensenich S72CKS6 Propellor in accordance with STC SA1008NW. I certify that this engine has been inspected in accordance with an Annual inspection and determined to be in airworthy condition. Justin T. Brown A&P 457821279 IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
June 24, 1998		Tach 4581.2		Changed oil & ck. screen no particles found - Refilled with Phillips X-C. A&P 457821279
Nov. 20, 1998		Tach 4604.8		Changed oil - refilled with Aeroshell 50 wt. - Removed muffler - patched hole in outlet pipe - Reinforced weak areas on muffler - Reinstalled exhaust system. A&P 457821279

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				April 17,1999 N13EA Tach - 4620.9 Aircraft Total Time -4620.9 Changed oil and checked screen - no particles found. Refilled with Aeroshell 50wt.All Compression checks above 75/80. Repaired cracked LH forward baffle support. Patched upper cowling baffle ring. I certify that this engine has been inspected in accordance with an Annual inspection and determined to be in airworthy condition. Justin T. Brown A&P 457821279 IA

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Aug. 10, 1999			4615.5	Remove Exhaust system AND Replaced entire system with serviceable units – muffler & pipes all overhauled. Changed oil & refilled with Aeroshell 50 wt
				John A&P 457821279
MAR 5, 2000			4662.0	Changed oil and checked screen. No significant particles found. Refilled with Aeroshell 50 wt. Leak check good. Norman Hood ATP

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				April 23,2000 N13EA Tach - 4666.4 Aircraft Total Time -4666.4 Checked oil screen - no particles found. Removed #3 and #4 cylinders due to marginal compression. Cleaned carbon off of valves and reseated and lapped valves. Reinstalled both cyls with new gaskets. All Compression now checks above 75/80. I certify that this engine has been inspected in accordance with an Annual inspection and determined to be in airworthy condition. Justin T. Brown A&P 457821279 IA

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DATE 19____	RECORDING TACH TIME	TODAYS 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.)
Nov 4, 2000			4686.6	Changed oil and checked screen. No significant particles found. Refilled with aeroshell 50 WT. Leak check good. Norman Hood

N13EA **April 27, 2001**

Tach – 4701.9

Removed #4 cyl due to broken rocker shaft boss. emoved #3 cyl due to slightly low compression. Replaced both /linders with Lycoming new complete units. Reused pistons to eep compliance with SparrowHawk STC. Changed oil and ıecked screen – no particles found. Engine run-up good – no oil aks and good power.

I certify that this engine has been inspected in accordance ith an Annual inspection and was determined to be in airworthy ondition.

Justin T. Brown
A&P 457821279

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DATE ~~19~~ 2001	RECORDING TACH TIME	TODAYS 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.)
DEC. 1	4730.7			Changed oil and checked screen. No significant particles found. Refilled with aeroshell 50 WT. Leak check good. Norman Hood

N13EA **April 26, 2002**

Tach – 4760.4

Changed oil and checked screen – no particles found. ll compression checks above 75/80. Replaced oil pressure ıge flexible line forward of firewall. Replaced missing rivet in ırb heat box flange.

I certify that this engine has been inspected in ccordance with an Annual inspection and was determined to : in airworthy condition.

Justin T. Brown
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~~19~~ 2001				
AUG. 31	4783.8 N13EA			Changed oil and checked screen - No significant particles found - Refill with aeroshell 50WT. Leak Check good. Norman Hood
NOV. 18, 2002				Replaced oil filter screen, versatherm, and oil temp sensor gaskets due to minor oil Leakage. TACH 4790.2 A&P 4578212?9

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19_____				

N13EA **June 1, 2003**

Tach – 4812.4 Hobbs – 59.2

Changed oil and checked screen – no metal particles
ound. All compression checks above 75/80. Checked mag
ming, checked rocker clearance on all cyls, reinstalled rocker
vers with new gaskets. Inspected exhaust system IAW AD
)-02-06.

I certify that this engine has been inspected in
ccordance with an Annual inspection and was determined to
e in airworthy condition.

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A&P 4578212?9

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DATE 2003	RECORDING TACH TIME	TODAYS FLIGHT Hobbs	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.)
Nov. 11	4836.1	867		Changed oil and checked screen. No significant particles found. Refill with Aeroshell 50WT. Leak check good. Norman Good

N13EA **Mar. 18, 2004**

Tach – 4858.5 Hobbs – 111.6

Removed LH and RH magnetos, mag harness, and lower spark plugs due to recurring intermittent mag drop problems. Replaced RH magneto with new Unison model 4381 sn. 02100618. Replaced harness with new M4001 harness. Replaced lower spark plugs with new REM38E plugs. Inspected LH mag internally for any visible defects and point gap – all OK. Reinstalled RH and LH mags and timed to 25°. Engine run up good. Changed oil and checked screen – no metal particles found. Refilled with AeroShell 100.

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DATE 2004	RECORDING TACH TIME	TODAYS 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.)

N13EA **June 19, 2004**

Tach – 4871.6

Checked oil screen – no metal particles found. All ompression checks above 70/80. Inspected exhaust system AW AD 79-02-06. Replaces CHT probe (pn. P-100)

I certify that this engine has been inspected in ccordance with an Annual inspection and was determined to e in airworthy condition.

Justin T. Brown
A&P 457821279 IA

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~~20~~2005				
JAN. 8	4896.1			Changed oil and checked screen. No significant particles found. Refilled with Aeroshell 50WT. Leak check good. Norman Hood

N13EA **June 25, 2005**
Tach – 4912.5 **Hobbs – 173.2**

Removed #4 cyl due to low compression – found excessive wear on valve guides. Sent to Sentry Aircraft cyls. for guide replacement. Reinstalled with new gaskets. Tightened carb bowl screws and installed new tab lock washers.

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

Justin T. Brown
A&P 457821279

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19~~20~~05				
JUNE 25	4913.5			Changed oil and checked screen - No significant particles found. Refilled with aeroshell 50WT. Leak Check good. Norman Hood

N13EA **Sept. 2005**
Tach - 4922.1 **Hobbs - 184.7**

Removed Airborne vacuum pump and replaced with Rapco RA 215 CC sn. A18653 pump. Replaced central air filter with RA-D9-18-1 filter. Removed regulator and cleaned. Replaced regulator filter and reinstalled. Replaced carb heat cable inner wire.
Changed oil - refilled with Aeroshell 100

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N13EA

June 25, 2005 Tach 4912.5
Hobbs - 173.2

Removed #4 cyl due to marginal compression - Reinstalled after new guide in intake & exhaust. Reinstalled w/ new gaskets. All compression now above 75/80. Changed oil & cleaned screen. Tightened carb bowl screws & installed new screen Lock tabs. Removed nose strut assy. - Replaced All o-rings. - ~~Shims~~ Replaced nose scissor Bushings and bolts & shimmed. Reinstalled & serviced nose strut

Inspected exhaust system per AD's - Inspected seat Rails & Rollers per AD's. Inspected mt plates in tail for cracks - none found per AD's.

I certify that this ~~aircraft~~ has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

Justin T. Brown
IA 4578212-4
June 25, 2005

DATE 2006 19	RECORDING TACH TIME	TODAYS 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.)
				N13EA **Jan 6, 2006** **Tach - 4928.3** **Hobbs - 192.0** Changed oil and refilled with Aeroshell 100 Justin T. Brown A&P 457821279
				N13EA **Date: Feb.22, 2006** **Tach: 4933.9** **Hobbs 198.9** Removed LH magneto model 4372, SN 94080084, installed new magneto model- 4372E, SN 05111998. Timed mag to 25 degrees BTDC- cleaned lower plugs and reinstalled. Justin Brown A&P 457821279

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				N13EA **June15, 2006** **Tach - 4947.6** **Hobbs - 215.7** Compression Check: #1 - 75/80 , #2 - 76/80 , #3 - 75/80 , #4 - 75/80 Changed oil and refilled with Aeroshell 100, checked oil screen - no metal particles found. Replaced lower cowling baffle seals. I certify that this engine has been inspected in accordance with a **100hr** inspection and found to be in airworthy condition. Justin T. Brown A&P 457821279

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DATE 2007 ~~19~~	RECORDING TACH TIME	TODAYS 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.)
FEB. 17	4975.8			Changed Oil and checked screen. No significant particles found. Refilled with Aeroshell 50WT. Leak check good. Norman Hood

N13EA **June19, 2007**
Tach - 4984.6 **Hobbs - 259.6**

Compression Check:
#1 - 75/80 , #2 - 78/80 , #3 - 76/80 , #4 - 77/80

Checked oil screen - no metal particles found. Repaired LH forward cyl baffle. Replaced oil cooler lines with new teflon/stainless lines.

I certify that this engine has been inspected in accordance with a **100hr** inspection and found to be in airworthy condition.

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DATE 2008 ~~19~~	RECORDING TACH TIME	TODAYS 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.)
FEB. 9	5009.0			Changed Oil and checked screen. No significant particles found. Refilled with Aeroshell 50WT. Leak check good. Norman Hood

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				N13EA **July 17 , 2008** **Tach - 5023.6** **Hobbs - 306.2** Compression Check: #1 - 75/80 , #2 - 74/80 , #3 - 73/80 , #4 - 75/80 Checked oil screen - no metal particles found. I certify that this engine has been inspected in accordance with a **100hr** inspection and found to be in airworthy condition. Justin T. Brown A&P 457821279

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Oct. 25, 2008	Tach - 5035.2		Hobbs - 320.2	Replaced paper Air Filter with new PN. 08-00600 Aircraft Spruce (CESS-2 FM. Filters) - next replacement Due: 5535.2 Changed oil - Refilled with Aeroshell 100 A&P 457821279
Mar. 21. 2009	TACH 5056.9		Hobbs 345.9	Changed Oil and checked screen: No significant particles found. Refilled with Aeroshell 50wt. Leak check good. Norman Hook

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				N13EA **July 29 , 2009** **Tach - 5069.4** **Hobbs - 360.7** Compression Check: #1 - 75/80 , #2 - 76/80 , #3 - 77/80 , #4 - 78/80 Checked oil screen - no metal particles found. Replaced missing fasteners on muffler shroud. Replace worn bearings and shaft in carb heat box. Cleaned spark plugs. I certify that this engine has been inspected in accordance with a **100hr** inspection and found to be in airworthy condition. Justin T. Brown A&P 457821279

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Dec.	27, 2009			TACH 5079.5 HOBBS 372.6 Changed oil and checked screen. No significant particles found. Refilled with aeroshell 50 WT. Leak check good. Norman Hood
May	29, 2010			TACH 5092.8 HOBBS 388.4 Changed oil and checked screen. No significant particles found. Refilled with aeroshell 50 WT. Leak check good. Norman Hood

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N13EA **Aug. 8, 2010**
Tach – 5098.1 Hobbs – 394.8

Compression Check:
#1 – 72/80 , **#2** – 74/80 , **#3** – 76/80 , **#4** – 78/80
Checked oil screen - no metal particles found. Removed starter due to loose solenoid – reinstalled after overhaul. Complied with AD 79-02-06 by inspecting exhaust system. Replaced lower spark plugs with cleaned/servicable plugs. Repair / weld worn groove in exhaust pipe of muffler – repaired cracks in muffler shroud. Checked mag timing and retimed RH mag to 25 degrees. Removed all rocker covers and checked rocker clearance – reinstalled rocker covers with new gaskets.
I certify that this engine has ~~been inspected~~ in accordance with a **100hr** inspection and found to be in airworthy condition.
Justin T. Brown
A&P 457821279

Feb 12, 2011 TACH - 5110.4 HOBBS - 409.4
Changed oil and checked screen. No significant particles found. Refilled with Aeroshell 50W. Tach check good. Norman Hood

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Sept. 3, 2011	Tach - 5125.9		Hobbs - 427.9	Compression ck. #1 - 72/82 #2 - 74/80 #3 - 78/80. #4 - 76/80 Cleaned all spark plugs & checked mag timing. Changed oil & checked screen - no particles found Complied with AD 79-02-06 By inspecting exhaust system I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in Airworthy condition Justin Brown A&P 3458280
Mar. 3	2012 Tach 5137.9		Hobbs 442.5	Changed oil and checked screen. No significant particles found. Refilled with Phillips 20-50 WT. Leak check good. Removed battery and replaced with Hill 6242, Serial # 6027@7156. Norman Hood

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				N13EA **Sept. 27, 2012** **Tach – 5149.8** **Hobbs – 456.8** Compression Check: #1 - 72/80 , #2 - 70/80 , #3 - 78/80 , #4 - 78/80 Checked oil screen - no metal particles found. Reset magneto timing to 25 degrees BTC. I certify that this engine has been inspected in accordance with a **100hr** inspection and found to be in airworthy condition. Justin T. Brown A&P 3458280
Feb 7, 2013	TACH 5162.9		Hobbs 472.4	Changed oil and checked screen. No significant particles found. Refilled with Phillips 20-50 WT. Leak check good. Norman Hood

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~~15~~2013				
Aug 10 2013	TACH 5173.6		HOBBS 485.2	Changed oil and checked screen. No significant particles found. Refilled with Phillips 20-50 WT. Leak Check good. Norman Hood

N13EA **Oct. 3 , 2013**
Tach – 5178.5 **Hobbs – 490.9**

Compression Check:
#1 - 76/80 , #2 - 77/80 , #3 - 77/80 , #4 - 79/80
Checked oil screen - no metal particles found. Replaced vacuum pump drive oil seal and gaskets. Replaced vacuum pump with new RAP215CC pump sn. A52931 . Replace all lower spark plugs with new REM38E plugs.

I certify that this engine has been inspected in accordance with a **100hr** inspection and found to be in airworthy condition.

Justin T. Brown
A&P 3458280

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~~2013~~2014				
APR 15	2014 TACH 5196.3		HOBBS 511.5	Changed oil and checked screen. No significant particles found. Refilled with Phillips 20-50 WT. Leak check good Norman Hood

10/09/2014 Cessna 152 N13EA S/N 15279914 Tach Reads 5204.7 TTIS: same
Lycoming O235-L2C S/N L-14810-15 TSO: 638.1
Sensenich S72CKS6 TTIS: 638.1
Performed 100 hour / annual inspection and servicing according to Lycoming O235 series manual and the scope and detail of Far 43 appendix D. Cleaned , gaped & tested spark plugs , replaced 4ea with new. Compressions checked #1=77, #2=76, #3=78, #4=79/80 psi. Checked magneto timing. Replaced alternator belt with new. Solvent washed engine . Engine run up, operational checks performed with no discrepancies noted. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Joseph G. Sills A&PIA 405867971

2015	TACH 5214.7		HOBBS 532.8	
JAN 16	Changed oil and checked screen. No significant particles found. Refilled with Phillips 20-50 XC a Leak check good- Norman Hood			

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11/12/2015 Cessna 152 N13EA S/N 15279914 Tach Reads 5231.6 Hobbs Reads 552.6
Lycoming O235-L2C S/N L-14810-15 TSO: 665.0
Sensenich S72CKS6 TTIS: 665.0
Performed 100 hour/ annual inspection and servicing according Lycoming O235 series manual and the scope and detail of Far 43 appendix D. Compressions checked #1-78, #2=75, #3=75, #4=78/80 psi. Cleaned & tested spark plugs. Checked magneto timing. Drained oil, cleaned oil screen, Serviced using Phillips XC 20/50 oil. Cleaned gascolator and carburetor screens. Engine run up, operational checks performed with no discrepancies noted. Inspected propeller for security and condition. I certify that This engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Joseph G. Sills A&PIA 405867971

05/11/2016 Cessna 152 N13EA S/N 15279914 Tach Reads 5231.6 Hobbs Reads 552.6
Lycoming O235-L2C S/N L-14810-15 TSO: 665.0
Replaced alternator with overhauled unit DOFF10300BR s/n B100658 . Replaced overvoltage relay with new unit p/n C593003-0101 s/n 80122624 . Engine run up , operational checks performed with no discrepancies noted. Joseph G. Sills A&P 403867971

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11/10/2016 Cessna 152 N13EA s/n 15279914 Tach Reads 5247.9 Hobbs reads : 572.1
Lycoming O235-L2C s/n L-14810-15 TSO: 681.3
Sensenich S72CKS6 TTIS: 681.3
Performed 100 hour/ annual inspection and servicing according to Lycoming O235 series service manual and the scope and detail of FAR 43 appendix D. Compressions checked #1=72, #2=74, 33=74, #4=76/80 psi. Cleaned spark plugs. Drained oil, cleaned oil screen, serviced using AeroShell 100 W oil. Engine run up, operational checks performed with no discrepancies noted. Inspected propeller for condition and security. I certify that this engine has been inspected according to FAR 43.15 (a)(1)(c)(2) for an annual inspection and was determined to be in airworthy condition.

03.13.17 Cleaned & Tested Spark plug's - Re-set magneto timing - Run-up - ops Checked - Joseph G Sills A&P 405867971

12/01/2017 Cessna 152 N13EA s/n 15279914 Tach reads 5268.7
Lycoming O235-L2C s/n L-14810-15 TSO: 702.1
Sensenich S72CKS6 TTIS: 702.1
Performed 100 hour / annual inspection and servicing according to Lycoming O235 series manual and the scope and detail of FAR 43 appendix D. Cleaned and tested spark plugs. Compressions checked #1=67, #2=74, #3=77, #4=72/80 psi. Drained oil, cleaned oil screen, serviced using Phillips XC 20/50. Inspected propeller for security and condition. I certify that this engine has been inspected according to FAR 43.15 (a)(1)(c)(2) for a annual inspection and was determined to be in airworthy condition.
Joseph G Sills IA405867971

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12/12/2018 Cessna 152 N13EA s/n 15279914 Tach Reads 5295.4 Hobbs Reads 628.6
Lycoming O235-L2C s/n L-14810-15 TSO: 728.8
Performed 100 hour/ annual inspection and servicing per Lycoming O235-L2C series manual and the scope and detail of FAR 43 appendix D. Owner drained oil and cleaned oil screen. Removed spark plugs, cleaned, inspected & gapped. Compressions checked #1=72, #2=70, #3=78, #4=78/80 psi. Reinstalled spark plugs using new gaskets. Cleaned intake air filter. Magneto timing checked. . I certify that his aircraft has been inspected according to FAR 43.15(a)(1)(c)(1)(2) for an annual inspection and was determined to be in airworthy condition. Joseph G. Sills IA405867971

01/16/2020 Cessna 152 N13EA s/n 15279914 Tach Reads 5323.7 Hobbs Reads 661.9
Lycoming O235-L2C s/n L-14810-15 TSO: 757.1
Performed 100 hour/ annual inspection and servicing per Lycoming O235-L2C series manual and the scope and detail of FAR 43 appendix D. Drained oil and cleaned oil screen. Removed spark plugs, cleaned, inspected & gapped. Compressions checked #1=72, #2=72, #3=77, #4=78/80 psi. Reinstalled spark plugs using new gaskets. Cleaned intake air filter. Magneto timing checked. Replaced exhaust muffler with new, replaced left aft exhaust riser with new, cleaned other risers and clamps. Replaced all hardware with new. Replaced "3" exhaust studs with new. New exhaust gaskets. Inspected propeller for security and condition. I certify that his aircraft has been inspected according to FAR 43.15(a)(1)(c)(1)(2) for an annual inspection and was determined to be in airworthy condition. Joseph G. Sills IA405867971

05/06/2020 Cessna 152 N13EA s/n 15279914
Lycoming O235-L2C s/n L-14810-15
Removed and cleaned spark plugs, set gap and reinstalled.
Joe Sills A&P405867971

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02/04/2021 Cessna 152 N13EA s/n 15279914 Tach Reads 5341.5
Lycoming O235-L2C s/n L-14810-15 TSO: 774.9
Sensenich S72CKS6 TTIS: 774.9
Performed 100 hour/ annual inspection and servicing per Lycoming O235 series manual and the scope and detail of FAR 43 appendix D. Drained oil, replaced oil drain plug with new quick drain. Serviced oil using Phillips XC 20/50 . Cleaned oil screen and replaced housing gasket with new. Cleaned spark plugs and tested. Compressions checked #1=67, #2=60, #3=79, #4=76/80 psi. Inspected Sensenich propeller for security and condition. Engine run up, operational checks performed with no discrepancies noted. I certify that this aircraft has been inspected per FAR 43.15 (a)(1)(c)(1)(2) for an annual inspection and was determined to be in airworthy condition. Carl Shropshire IA 467826099

02/15/2022 Cessna 152 N13EA s/n 15279914 Tach Reads 5360.5 Hobbs Reads 706.7
Lycoming O235L2C s/n L-14810-15 TSO: 793.9
Sensenich S72CKS6 TSO: 793.9
Performed 100 hour/ annual inspection per Lycoming O235 series manual and the scope and detail of FAR 43 appendix D. Drained oil, cleaned oil screen, serviced using Phillips XC 20/50 oil. Cleaned induction air filter. Cleaned, gapped & tested spark plugs. Compressions checked #1=71, #2=61, #3=78, #4=76/80 psi. Inspected Sensenich propeller for condition and security. I certify this engine has been inspected per FAR 43.15(a)(1)(c1)(2) for an annual inspection and was determined to be in airworthy condition. Joseph G. Sills IA405867971

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04/01/2023 Cessna 152 N13EA s/n 15279914 Tach Reads 5374.2 Hobbs Reads 723.3
Lycoming O235L2C s/n L-14810-15 TSO: 807.6
Sensenich S72CKS6 TSO: 807.6
Performed 100 hour/ annual inspection per Lycoming O235 series manual and the scope and detail of FAR 43 appendix D. Drained oil, cleaned oil screen and replaced gasket with new. Cleaned , Gapped & inspected spark plugs. Replaced 1 es. Plug with new. Compressions checked #1=70, #2=62(ex), #3=72, #4=70/80 psi. Removed #2 cylinder assy, removed valves, refaced valves and refaced seats. Lapped valves to seats, reinstalled cylinder assy using new gaskets and seals. Serviced oil using Phillips XC 20/50 oil. Removed propeller, replaced crankshaft seal with new. Reinstalled propeller and lock wired. Solvent washed engine & cowling. Engine run up, operational checks performed with no discrepancies noted. I certify that this engine has been inspected per FAR 43.15(a)(1)(c)(1)(2) for an annual inspection and was determined to be in airworthy condition. Joseph G Sills IA 405867971

04/01/2023 Cessna 152 N13EA s/n 15279914 Tach Reads 5374.2 Hobbs Reads 723.3
Lycoming O235L2C s/n L-14810-15 TSO: 807.6
Sensenich S72CKS6 TSO: 807.6
Performed 100 hour/ annual inspection per Sensenich manual and the scope and detail of FAR 43 appendix D. I certify that this propeller has been inspected per FAR 43.15 (a)(1)(c)(1)(2) for an annual inspection and was determined to be in airworthy condition. Joseph G SillsIA405867971

04/17/2023 Cessna 152 N13EA s/n 15279914 Tach Reads 5375.1 Hobbs Reads 724.6
Lycoming O235L2C s/n L-14810-15 TSO: 808.5
Sensenich S72CKS6 TSO: 808.5
Performed compression check on #2 cylinder after flight. 75/80 psi.
Joseph G. Sills

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04/03/2024 Cessna 152 N13EA s/n 15279914 Tach Reads 5382.5
Lycoming O235L2C s/n L14810-15 TSO: 815.9
Sensenich S72CKS6 TSO: 815.9
Performed 100 hour / annual inspection and servicing per Cessna 100 series manual and the scope and detail of FAR 43 appendix D. Removed , cleaned, gapped & tested spark plugs. Compressions checked #1=65, #2=75, #3=74, #4=77/80 psi. Reinstalled spark plugs using new gaskets. Magneto timing checked with no adjustments. Drained oil, cleaned screen, serviced using Phillips XC 20/50 oil. Inspected propeller for security and condition. Solvent washed engine, run up, operational checks performed with no discrepancies noted. I certify that this engine has been inspected per FAR 43.15(a)(1)(c)(1)(2) for an annual inspection and was determined to be in airworthy condition.
Joseph G. Sills IA405867971

06/01/2025 Cessna 152 N13EA S/N: 15279914 Tach: 5389.5 AFTT: 5389.5
Lycoming O-235-L2C S/N: L14810-15 TSO: 822.9
Sensenich S72CKS6 TSO: 822.9
Performed 100 hour/ annual inspection and servicing per Lycoming O-235 series Operators Manual and the scope and detail of FAR 43 appendix D. Removed, cleaned, gapped, and tested spark plugs. Compressions checked #1=68, #2=70, #3=73, #4=75/80 psi. Re-installed plugs w/ new gaskets. Installed one new UREM 40E Spark plug. Drained oil, removed and cleaned screen, serviced w/ Phillips X/C 20/W50. Cleaned gascolator and carb inlet screen. Inspected propeller for security and condition. I certify that this engine has been inspected per FAR 43.15(a)(1)(c)(1)(2) for an annual inspection and was determined to be in airworthy condition.
Michael A. Weiss IA3566362

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08/20/2026 Cessna 152 N13EA S/N: 152-79914 Tach: 5394.0 AFTT: 5394.0
Lycoming O-235-L2C S/N: L-14810-15 TSO: 827.4
Sensenich S72CK56 TSO: 827.4

Performed 100 hour/ annual inspection and servicing per Lycoming O-235 & O-290 series operators manual, and the scope and detail of FAR 43 appendix D. Drained oil, removed and inspected oil screen- no contaminants noted. Cleaned, gapped & inspected spark plugs. Compressions checked #1= 72, #2=74, #3=78, #4=78/80 psi. Reinstalled plugs using new gaskets. Serviced oil using Phillips XC 20/50. Magneto timing checked. Removed left magneto, performed impulse coupling inspection per SB1-86C. Overhauled magneto per L-1363J Magneto Maintenance and Overhaul Manual. Installed and timed left mag. Solvent washed engine & cowlings. Engine run up, operational checks good-no leaks noted. Inspected propeller for condition and security. I certify that this engine has been inspected per FAR 43.15(a)(1)(c)(1)(2) for an annual inspection and was determined to be in airworthy condition.
Michael K. Weiss IA3566362

DATE 19____	RECORDING TACH TIME	TODAYS 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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