

LYCOMING

A Textron Company

ENGINE LOG

SSP-1872-1

LYCOMING

A Textron Company

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LYCOMING

MAKE

C-320-112AD

MODEL

L-1930-76T

SERIAL

FROM 23 MAY 20 11 TO _____

DETAILING TIME FROM 1141.9 TO _____
HOURS HOURS

CURRENT

SSP-1872-1

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October 1994

LYCOMING

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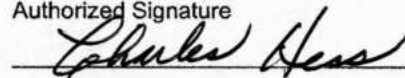
652 Oliver Street
Williamsport, PA. 17701 U.S.A.

Form No. 2480 (3/04-LM)

This engine has been overhauled in accordance with the applicable Lycoming specifications. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are new, newly rebuilt or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: **O-320-H2AD**
Serial #: **L-1930-76T**
Total Time: **1141.9**
Work Order #: **AR506145**
Date Completed: **5/23/11**

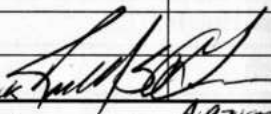
Authorized Signature

**Lycoming Engines**652 Oliver Street
Williamsport, PA. 17701
Repair Station: EJ1R115K**ENGINE DESCRIPTION**

Mfg.	LYCOMING	Place	Williamsport, PA 17701	Date	
Type		Model		Serial No.	
Rated H.P.		Max. H.P.		Weight (Dry)	
Rated R.P.M.		Max. R.P.M.		Oil Pressure	
Bore		Stroke		Displacement	Cu. In.
Compression Ratio		Supercharger Ratio			
Reduction Gear Ratio					
Propeller		Hub Design		Hub Serial No.	
Blade Design		Blade Serial No.		Blade Serial No.	
Max. Hub H.P.		Max. Blade H.P.			
Pitch		Diameter		Length	
Name					
Address					

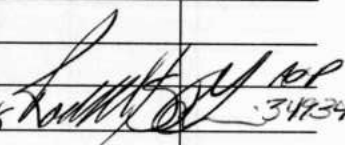
ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
26-2011	12	29	hach 1279.6 installed engine on cessna 172n-15175E - sn 172-71753 - installed on OIH engine mount using new shock mounts and new hardware - installed new Baffling - new throttle - mixture - carb heat controls - new vacuum pump - new oil temp probe - new tach cable - new air filter element bracket air filter - replaced LH fwd exhaust riser - reinstalled exhaust and RG+ probe - installed alternator with new belt - installed McCauley Prop 5*73504D - serviced eng with MW 16702 additive and lube AeroShell mineral oil - lube check		AP317341
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9-7-2011	130	4	Drained oil - removed & replaced CH48103-1 filter checked filter - no metal - service oil 69TS Aeroshell mineral oil - added 1 LW16702 - Run & LITK LITK		3493411
Date: 09/30/11 TACH: 1324.3 NS175F Engine entry as follows. Changed eng. oil 69TS mineral oil Aeroshell 100 + 1ea. LW16702 Additive. CW requirements of AD#80-04-03R2 By inspection of oil filter & oil screen no contamination noted & Addition of Additive. Checked eng. comp as follows ① 79/80 ② 78/80 ③ 79/80 ④ 79/80. cleaned eng. Ran & checked for leaks. W.O.# 6150 Indm. Forming AP439138232					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			adjusted carb. This engine is approved for return to service. James H. Embrey 1875398 HxP		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

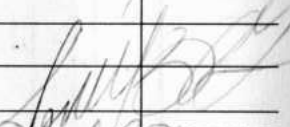
ENGINE LOG

Serial No. _____

Date	Time			License Number
	Hrs	Mins		
			DATE: 01/12/12 TACH: 1389.4 A/C N517SE Eng. Entry Removed CARB + sent TO AVSTAR Fuel Systems for repair due to fuel leaks AT Bowl & fuel Accelerator pump. Re-wrt. After Repair + Rigged. INST. Sea. New RHM 38E spark plugs. Ran engine and checked for leaks. Set Idle speed & mixture per mm. S/N PAMAW 6107. Checked Mag Timing to eng. OK. Repl. INTAKE Air Filter - elements p/n BA-6108. Approval for RTS for work noted Above only. Inddm. Journey AP439138238	
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.
			Brought Forward	
			Total to Date	

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
4-23-12	1	45	Drained oil - Removed CH48103-1 Filter Replaced CH48103-1 Filter - CW AD 80-04-03R2 LW 16702 Additive - next due oil change - Service oil lgs Aeroshell 100 - Run up crank jack		ADP 3193417
09/16/12			TACIT: old 1486.2 new 0.00 Completed Ann 100hr insp. this date using KAL 43(d) Logguide. CW AD = 80-04-03R2 LYO. eng. oil screen & Addition of 1ea. LW16702 Add. fine. Change eng. oil lgs Aeroshell 100 oil. Remount seat oil filter & insp. for debris none noted. Comp. checked ① 79/80 ② 79/80 ③ 79/80		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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			Total to Date		

ENGINE LOG

Serial No. _____

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Tach

Serial No.

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ENGINE LOG

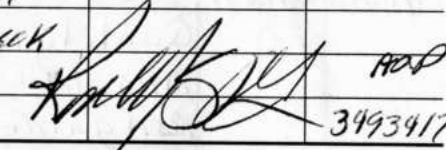
Serial No.

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
03/08/13			TACH: 53.0 Changed engine oil 6 qts Alskel W100. Rem+ Cvt oil filter + insp. for debris none noted. CWAD ⁸⁰ -04-03R2 Lyc. engine contamination by Rem+ check oil screen Addition of LW16702 Additive. Tightened ACT. Belt. Cleaned eng. RAN + checked for leaks. Jordan. Fournier AP439138238		
07/18/13			TACH: 75.5. Removed magneto due to mag insp. Sent to Quality Aircraft Acc. for repair/evaluation. Installed mag slt E113252 using Lyc. S.E. 1508C and TCM 5B65/ ASA guide. RAN engine + checked for mag. drop oil leaks.		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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			Total to Date		

Inclm. Following AP4391382381A

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
9-4-2013	100.0		Drained oil - Removed CH48103-1 Filter - cut		
	206.6		open check for metal - no metal - Replaced CH48103-1		
			Filter - checked compression #1 22 #2 22 #3 22 #4 22		
			checked timing - Removal - cleaned - gapped -		
			spark plugs - Replaced m674 gaskets - Reinstalled		
			spark plugs - cleaned - m674 dress prop - 4W AD 80-04-		
			03R2 oil additives LW16702 added serviced oil		
			6qts AEROSHELL W100 - wash Runup work check		
					3493417
			Page Total		
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			Total to Date		

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ENGINE LOG

Serial No. L-1930-74T

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1/29/14	152.3		Drained oil, Removed oil filter plw: CH48103-1		
			cut filter open checked for metal, none noted.		
			Installed a new oil filter plw: CH48103-1. ReFilled		
			with 6quarts of Aeroshell 100W. Complied with		
			AD-80-04-03 by removing oil screen inspecting		
			for Contamination and adding oil additive plw:		
			LW16702. Reinstalled oil screen with a new		
			Crush Gasket plw: 06E19769-1-25 and safety		
			Wired Ground run C/K allops normal no		
			leaks noted.		
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			Total to Date		

All Repair Data Must Bear the Endorsement of a
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A.P.
435734523

ENGINE LOG

Serial No. _____

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1-12-16			C/w 100 hr. inspection This date. Drained oil, replaced oil filter P/w CH 48103-1. Serviced with 6qts. B/S W 100. C/w 80-04-03R ² by adding Lea. LW 16702 checking oil filter - No debris noted. Engine Compression #1 78/80, #2 78/80, #3 78/80, #4 78/80.		
Tach 222.	4 hrs.				
Eng. TSO	40	00			
			Next page →		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			Replaced 4ea. rocker box cover gaskets with P/N 68179HD.		
			Removed all spark spark plugs, cleaned, adjusted and reinstalled.		
			Run up engine - leak check - OK.		
			Tach 222.4 hrs.		
			Eng T.S.O. 409.0 hrs.		
			James H. Edwards		
			1875398 ARF		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1-23-2017	239.8		Drained oil - Removed 48103-1 - cut open - no metal - Replaced oil filter 48103-1 - checked compression #1 $\frac{9}{16}$ #2 $\frac{9}{16}$ #3 $\frac{9}{16}$ #4 $\frac{9}{16}$ - initial mag timing - removed spark plugs - cleaned - gap'd - Reinstalled spark plugs using new MB74 gaskets - Tightened Alternator Belt - (W AD 80-04-03		
			By Adding LW 16702 additive to oil - serviced oil (gts Aeroshell 100 - wash - Run up LEAK CHECK		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2-7-18			C/w 100 hr. inspection this date Drained oil, replaced oil filter		
Tach 268.3			P/N CH48103-1. Serviced with 6 qts A/c W100. C/w AD 80-04-03 by		
Eng. TSO 454.9			adding LW 16702 oil additive Replaced all spark plugs		
A/c T.T. 4454.5			P/N RHM38E. Replaced mixture control cable.		
			Run-up - leak check		
			James H. Elmhurst 1875398 NRP		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
			Brought Forward		
			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
1-23-19			C/w 100 hr. inspection this date. Drained oil, replaced oil filter		
Tach 284.3			P/N CH48103-1. Serviced with 6 qts. A/c W100. C/w Comp. Check #1 75/80		
Eng. TSO 470.9			#2 75/80, #3 72/80, #4 70/80. Cleaned spark plugs & reinstalled		
A/c T.T. 4454.5			C/w AD 80-04-03 by adding LW16702 oil additive. Run-up leak check - okay		
			James H. Elmhurst 1875398 NRP		
			Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	
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			Total to Date		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

LYCO-O320-H2AD SN L-1930-76T TACH 317 SMOH 503.6 01 - April- 2020

1. Cylinder compressions are as follow - #1 -75/80 # 2 -75/80 #3 -75/80 #4 -76/80
2. Magnetos to engine timing checked okay.
3. Replaced engine intake filter with new PN BA-6108.
4. Drained and replaced oil with 8 quarts of Aeroshell W100 and additive LW16702.
5. Cut oil filter, no metal noted. Replaced oil filter with new CH48103-1-1.
6. Replaced noise filter on alternator with new PN LS03-010004.
7. Removed, cleaned and tested spark plugs. Reinstalled with new gaskets.
8. Replaced oil cooler hoses with new PN 111417-8D0212 and PN 111417-8D0170 built by AVIAL under W. O. 9310917176.
9. I certify that this AC has been inspected IAW the following ADs and was found to be in an airworthy condition:
 1. AD 80-04-03 by visually inspecting oil filter and adding oil additive. No defects noted. Next due at 367 tach.

I certify that this engine has been inspected I/AW a 100 HR inspection using the FAR 43 App D as guide and was determined to be in an airworthy condition.

Joel Ebersole A&P 2765211
A&E Aviation - Ruston, LA

Total to Date

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			

McCauley 1C160/DTM SN 735040 TACH 317 TSMOH 816.9 01 - April- 2020

1. Removed spinner for inspection.
2. Removed prop to investigate why propeller bolts do not protrude from crankshaft flange. Found all hardware and PNs to be correct. Thread engagement adequate per Lycoming SI1473 even though bolts not protruding from back of crankshaft flange. Reinstalled propeller refereeing to Cessna 172N Illustrated part catalog.
3. Dressed blades as needed.

I certify that this propeller has been inspected I/AW a 100 HR inspection using the FAR 43 App D as guide and was determined to be in an airworthy condition.

Joel Ebersole A&P 2765211
A&E Aviation - Ruston, LA

Page Total

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Total to Date

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ENGINE LOG

Serial No. L-1930-76T

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
6-20-22	3	56	1 Tech Completed the 100 hr. engine inspection as per the Lycoming O-320 M/M. Cylinder compression checks good at this time. #1 - 74/80 #2 - 74/80, #3 72/80 and #4 74/80. Completed engine oil and filter change. I certify that this engine has been inspected and found to be in an airworthy condition at this time. I.A.W. the Lycoming 100 hr. checklist using FAR 43 app D, as a guide and was determined to be in an airworthy condition at this time.		
Page Total			All Repair Data Must Bear the Endorsement of a Certified Mechanic, and his Rating and Certificate Number MUST be Shown.		
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3519476 ACP

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
10-1-24	3	39	1 Tech Completed the 100 hr. Lycoming O-320 engine inspection in accordance with the Lycoming O-320 maintenance manual. Cylinder compression #1 - 74/80 #2 - 72/80, #3 - 76/80, #4 - 75/80. Completed the engine oil and filter change. Reserviced engine oil with 8 qts. of Aeroshell W100 oil. I certify that this engine has been inspected and found to be in airworthy condition at this time. Engine may be returned to service.		
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Total to Date			NEF		

3519476 ACP

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