THE adlog™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

ENGINE
MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. _____

Engine Manufacturer Lycoming

Model O-320-E2A

Serial No. L-17790-27A

Date installed on aircraft _____

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☐ Right ☐ Left
☐ Front ☐ Rear

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		0smoH	5015.98	**TOTALS** brought forward from previous page

LYCOMING O-320-E2A SER.# L-17790-27A Complied with all Current AD's, SB's, and SI's 0-SMOH

This engine was cleaned and inspected for overhaul **per LYCOMING OVERHAUL MANUAL and TABLE OF LIMITS**. All steel parts were cleaned, inspected and magnafluxed **WORK ORDER 11696**. The crankcase overhauled to factory new limits by CSI under w/o 14273. The crankshaft overhauled by Aircraft Specialties under w/o 168405. The rods were cleaned, inspected, rebushed, magnafluxed and certified. The camshaft was overhauled by Aircraft Specialties under w/o 168357. The lifter bodies were overhauled to new limit by Aircraft Specialties under w/o 168357. The engine was reassembled in accordance with **LYCOMING OVERHAUL MANUAL and TABLE OF LIMITS**. The following parts were replaced at overhaul.

8ea. SL 69373 STD Con Rod Bearing
2ea. SL 11020 STD Main Bearings
8ea. SL 78027 Rod Bolts
8ea. SL 74637 R/A Bushings
1ea. SL 61084 Oil Press. Spring
4ea. SL 25-0.63 Idler Bolts
8ea. 72877 Overhauled Lifter Bodies
4ea. SL32006W-A20P New Superior Millennium cylinders.
4ea. SL 13884A STD Main Bear.
1ea. LW 76097 Camshaft, Overhauled
4ea. AEL 13923 Rod Bushings
1ea. SL18109A-S Oil Pump Gear Kit
1ea. SL STD-2213 Crankshaft Bolt
4ea. SL 69603 Intake Hose
1ea. SL 53E19600 Vernatherm
1ea. SL 69371-1 Gasket Set
8ea. SL 12186 Rod Nuts
4ea. SL 13444-1 Piston Pins
1ea. SL 78531 Oil Pump Body
1ea. SL STD-1028 ball
1ea. SL STD-2180 Drain Hose
1ea. SL 76121 Tach Shaft

. All pertinent data on file at Corona Cylinder and Engine Overhaul, Inc. under **work order 11696**

THIS ENGINE WAS MODIFIED TO 160HP AS PER STC-SE367CH AND OVERHAULED TO, 0-SMOH 09/10/08

Accessories supplied with this overhaul as listed.

Signed [redacted] September 10, 2008

FAA REP[redacted]

CORONA CYLINDER AND ENGINE OVERHAUL, 1965 AVIATION DR. CORONA, CA (951) 736-6452

The Accessories listed Below Were Overhauled and Supplied With This Engine

ENGINE 0-320-E2A S/N L-17790-27A DATE 09/10/08

	P/N	S/N		P/N	S/N
CARB.	10-3678-32	A2514956	OIL COOLER	A907AU06-03	792008700

CORONA CYLINDER & ENGINE OVERHAUL

F.A.A. REPAIR STATION NO. 09VR726Y

W/O NO. 11696

[redacted]

Authorized signature

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1/3/09	5015.98	"0"		REMOVED ENGINE IAW PIPER SERVICE MANUAL, REINSTALLED IAW PIPER SERVICE MANUAL [redacted]
1-10-09	5034.25			OIL change, Filter 100w mineral oil
4/25/09	5046.02	30.02		COMPLETED INSPECTION IAW FAR 43 APPENDIX "D" #1 78/80 #2 78/80 #3 79/80 #4 79/80 ADs CHECKED THRU 09/08 "I CERTIFY THAT THIS ENGINE WAS INSP. IAW AN ANNUAL INSP AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION [redacted]
3-28-10				OIL change, Filter 15-50 Aeroshell
4/23/10	~~568~~ 5063.49			COMPRESSION AS FOLLOWS #1 72/80 #3 76/80 #2 78/80 #4 78/80 AD'S CHECKED THRU 09/08 "I CERTIFIED THAT THIS ENGINE WAS INSP. IAW AN ANNUAL INSP. AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION [redacted]
				SUB-TOTALS this page
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				Airframe total time 5063.49 Engine 47.51 hours SMOH May 1, 2010
				Engine Compression: 1. 72/80, 2. 78/80, 3. 76/80 4. 78/80
				Replaced the spinner forward bulkhead. cleaned and checked for cracks in spinner back bulkhead. installed prop with new bolts and torqued to specs and safety wired.
				[redacted] May 1, 2010
				ENGINE + PROP
				I certify that this [redacted] was inspected IAW an annual inspection and was determined to be in airworthy condition."
				[redacted] May 1 2010
4/24/2011	50.36		5066.34	COMPRESSION AS FOLLOWS: #1 76/80 #2 75/80 #3 79/80 #4 76/80 ADS CHECKED THRU 08-11 "I CERTIFY THAT THIS ENGINE WAS INSP. IAW AN ANNUAL INSP. AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION [redacted]
4/28/12	53.89		5069.87	COMPRESSION AS FOLLOWS #1 79/80 #2 79/80 #3 79/80 4 79/80 ADS CHECKED THRU 08-12 "I CERTIFY THAT THIS ENGINE WAS INS. IAW AN ANNUAL INSP AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION [redacted]
				SUB-TOTALS this page
				TOTALS-Carry forward to next page

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	59.9		5073.3	**TOTALS** brought forward from previous page
				COMPRESSION AS FOLLOWS: #1 78/80
				#2 78/80 #3 78/80 #4 78/80
				ADS CHECKED THRU 08-2013 "I
				CERTIFY THAT THIS ENGINE WAS INSP
				IAW AN ANNUAL INSP AND WAS
				DETERMINED TO BE IN AIRWORTHY
				CONDITION" [redacted]
5/11/14	608		5074.2	COMPRESSION AS FOLLOWS #1 79/80
				#3 79/80 #2 78/80 #4 79/80
				ADS CHECKED THRU 10-2014
				"I CERTIFY THAT THIS ENGINE
				WAS INSP IAW AN ANNUAL
				INSP AND WAS DETERMINED TO
				BE IN AIRWORTHY CONDITION
				[redacted]
6/1/15			5075.5	ADS CHECKED THRU 2015-10
				AD 2009-26-12 N/A BY P/N
				AD 2012-03-07 N/A BY P/N
				COMPRESSION AS FOLLOWS #1 78/80
				#2 78/80 #3 79/80 #4 79/80 "I
				CERTIFY THAT THIS ENGINE WAS INSP
				IAW AN ANNUAL INSP AND WAS DETERMINED
				TO BE IN AIRWORTHY CONDITION
				[redacted]
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				In accordance with FAR 43.11, I certify that this ☐ aircraft, ☒ engine(s), ☒ or propeller, has been inspected in accordance with a(n) ANNUAL inspection, on (Date) 6-9-16 at 3076 hours 62.6 hours [redacted] hours aircraft T.T. #1 eng. T.T. #2 eng. T.T. and [redacted]
				In accordance with FAR 43.11, I certify that this ☐ aircraft, ☒ engine(s), ☒ or propeller, has been inspected in accordance with a(n) ANNUAL inspection, on (Date) JUNE 26, 2017 at 5076.44 hours [redacted] hours TACH aircraft T.T. #1 eng. T.T. #2 eng. T.T. and is a [redacted]
				COMPRESSION AS FOLLOWS: #1 78/80 #2 78/80 3 79/80 4 78/80 [redacted]
				COMPRESSION AS FOLLOWS: #1 79/80 #2 78/80 #3 78/80 #4 78/80 [redacted]
11/10/18			5078	CHANGE OIL Phillip 20-50, OIL FILTER
				SUB-TOTALS this page
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[illegible]	65.49		5078.89	COMPRESSION AS FOLLOWS: #1 78/80 #2 78/80 #3 77/80 #4 78/80 I CERTIFY THAT THIS ENGINE + PROPELLER WAS INSP. IAW AN ANNUAL INSP AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. [redacted]
3/1/21	70.61	5083.57		Inspected IAW an Annual Inspection. Compressions are as follows ① 77 ② 73 ③ 78 ④ 78 Changed engine oil & filter. Replaced Air filter element. I certify that this engine has been inspected IAW an Annual Inspection and is Airworthy. [redacted]
	70.61			Plane was inspected for AD 2020-24-05
4/2/21				Replaced oil line from engine to oil cooler AD per AD 2017-14-04
				SUB-TOTALS this page
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