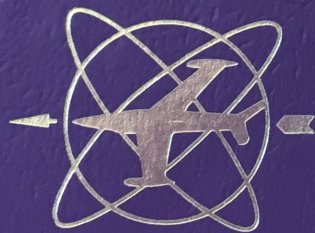


ONE STOP AVIATION, INC.

REPAIR STATION XR3R981L  
OCEANSIDE, CA 92058  
Phone: (760) 721-1389



*The Standard*

# ENGINE LOG

NOTE  
THIS LOGBOOK MUST REMAIN IN  
THIS BINDER AS PART OF THE  
INSPECTION RECORDS FOR THIS  
AIRCRAFT

N 4395R

**ASA-SE-2**

**WARRANTY**

**All engines warranted against defect in material and workmanship to 240 hours or 12 months whichever occurs first, to include parts and labor. An additional pro-rated warranty to TBO will be based on a minimum of 40 hours per month usage. All parts and labor to be approved by One Stop Aviation prior to commencement of work. Cracked cylinders and crankcase excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed. Accessory items to be warranted by vendor of such items.**

**ONE STOP AVIATION, INC.  
FAA Repair Station #XR3R981L  
3245 Production Ave., Ste D  
Oceanside, CA 92058-1340  
(760) 721-1389**

YEAR 20 ____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> <small>Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)</small>
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*Tae-Tiuse*

ENGINE CERTIFICATE

FAA Repair Station XR3R981L

*07/03/17*

Major overhaul engine in accordance with manufacturers specification and current federal aviation regulations. All current airworthiness directives complied with at overhaul. Magnaflux and Zyglo inspection of appropriate parts. Work Order No. *29929* on file at One Stop Aviation, Oceanside; engine reassembled, test run, and OK to return to service.

Model *0.540 J3A51D* Serial No. *L-24200-40A*

Authorized representative *[Signature]*

*Northgate*

YEAR  
20 \_\_\_\_  
DATE

RECORDING  
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FLIGHT

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SERVICE

**Description of Inspections, Tests, Repairs and Alterations**  
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Type: Lycoming O-540-J3A5D			WO: 29929		
QTY	PART NUMBER	DESCRIPTION	QTY	PART NUMBER	DESCRIPTION
2	SL 13884A	main bearing	1	AA48103-2	oil filter
6	18D26099	main bearing	1	AN565-B1032-H5	screw
12	SL 13521A	rod bearing	2	SL 76788	roller
12	SL 75061	rod bolt	6	SL STD-1821	hose
12	SL 12186	rod nut	8	SL 71907A	c/w washer
1	SL 13377	gasket set	12	RHM38E	spark plug
6	SL 13923A	rod bushing	12	72198	piston pin plug
12	SL 74637	r/a bushing	12	SL 12892	thrust button
6	SL 69603	intake hose	6	SL 13790A	rocker shaft
1	06B23072	"O" ring oil fltr	1	SL 15F19957-37	push rod
4	SL 73810	c/w bushing	1	LW 15558	roller
1	AN8-14A	crank gear bolt	1	AF 15472	fuel pump
8	AEL 14820	c/w clips	12	72877	lifter regrnd
2	SL 13641	mag cushion	1	LW 13908	cam regrnd
1	SL 1028-B	o/p ball	1	10-5054	carb ovh by Avstar
1	SL 68668	oil pres. spring	6	05K21117	Lycoming cyl cmplt assy

**YEAR** 20 **DATE** **RECORDING TACH TIME** **TODAY'S 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.)

9/1/2017

1033 JAKH

1434.1

ENGINE TOTAL TIME 05 MOH 3970.8 Airframe To

This engine installed on N4345R using new engine Barry mounts. Prop governor F421019030j S/N 019030J overhauled by Replaced carb heat box grommet washings. Installed all new engine baffles FMA PMA PA-28-236 engine baffles from Airforms Inc. Added 12 qts 20x50 Phillips Mineral oil. Replaced seat from heat muff to carb box installed 5 new LW1895-93595 primer clamps. Magneto has 56.1 hrs since 500hr inspection and compliance with AD 2005-12-06 Due at 4414.7 aircraft total time. Magneto has 611 hrs since overhaul and was installed 422 hr tach. Replaced air filter element. Replaced breather hose. Test ran engine to check for leaks and proper operation.

Steven J. Lee  
 AIP 551-80-1322

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	<b>Description of Inspections, Tests, Repairs and Alterations</b> 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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I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.  
 Dated: 9/1/2017 Total time 1734.1 hrs.  
 Signed: Steven F. Larson  
 Certificate No: AAP 557-80-1322

Dec 5, 2017 1056.1 TACH

Oil changed. Oil filter replaced. Old filter cut and inspected OK. Added 1 qt Phillips 20x50XC. Compression checked 1) 77/80 2) 78/80 3) 77/80 4) 78/80 5) 76/80 6) 79/80. Set idle mixture. Test run to check for proper operation and leaks OK.

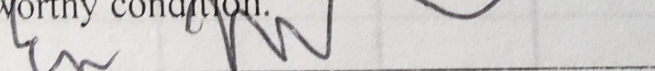
Steven F. Larson AAP 557-80-1322

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S 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)
07-26-18	1105.5			CHANGE OIL + FILTERED. PHILLIPS 20W50 X 10 QTS CHAMPION OIL FILTER 48103-2 CHECKED PROP LEAKS - TL Loughton

**Date:** 11/01/2018      **N4345R Engine Log Entry**    Lycoming O-540-J3A5D s/n L-24200-40A  
**Tach:** 1121.7      **SMOH:** 88.7    **TT:** 1522.8

Inspected IAW FAR43 appendix D checklist. Compressions: #1 76 #2 76 #3 75 #4 76 #5 77 #6 78/80. Replaced CH48103 filter, inspection of old filter showed no abnormal particles. Inspected and cleaned oil pickup screen. Drained oil and refilled with 12 qts Phillips 20w50. Replaced induction air filter with BA2905. Cleaned, gapped and rotated spark plugs. Tightened mixture control linkage at carburetor. Secured #2 primer line. Removed carb air box and reinstalled after weld repair. Secured prop control cable away from #5 oil return line. Replaced oil pressure relief valve gasket. AD 2017-16-11 is not applicable as Superior bushings were installed at overhaul. Ground run ops and leak check OK.

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

  
Eric Niedrauer A&P 2783808 IA  
ATTITUDE AVIATION, Inc., 299 W. Jack London Blvd, Livermore, CA 94551 Ph. 925-456-2276 Email: info@attitudeaviation.com


YEAR  
20 \_\_\_\_\_  
DATE

RECORDING  
TACH  
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TODAY'S  
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TOTAL  
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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.)

A/C REG# N4345R DATE 12-2-19

ENGINE MODEL LYCOMING S/N L24200-40A

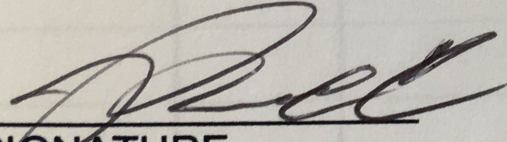
TOTAL A/C TIME 4122.0 HRS. T.T.O.C. 1585.3  
T.S.O. 151.2 1585.3

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN  
ACCORDANCE WITH AN (Circle One) ANNUAL 100/50 HR  
INSPECTION AS PER  
LYCOMING MM

#1	#2	#3	#4	#5	#6
180 76	180 78	180 76	180 78	180 77	180 78

AND WAS DETERMINED TO BE IN AIRWORTHY  
CONDITION. INSPECTION RECORDS ON FILE IN  
SECTION 1 AD'S IN SECTION 6 OF THE  
MAIN BINDER ATTACHED TO THIS LOG BOOK.

RICHARD A. CROW  
A/P I/A 547178134

  
SIGNATURE

\_\_\_\_\_  
CERTIFICATE NO/TYPE



YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
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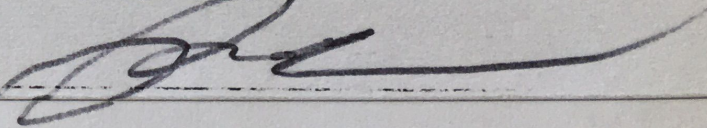
**Description of Inspections, Tests, Repairs**  
 Entries must be endorsed with Name, Rating and Certificate Number  
 Technician or Repair Facility. (See back pages for other specific en

MAKE: Piper N 4345R ENGINE DATE: 2/6/21 ENG/MOD# 0-540-13A50  
 ENG/SER# L24200 TT: 1639.4 (T)(H) TSO: 205.3 (T)(H)  
1238.3 TAC AC

- NOTES
- 1 OIL TYPE 20/50XC
  - 2 FILTER NUMBER 48108
  - 3 AIR FILTER NEW ( X )
  - 4 CLEAN AND GAP PLUGS ( X )
  - 5 TIME MAGS ( X )
  - 6.
  - 7 LEFT MAG 500 HR DUE TAC 4668.2
  - 8 ALTERNATOR 500 HR DUE TAC
  - 9 INSTRUMENT AIR FILTER NEW ( X )
  - 10 COMPRESSION LOW ON #3 BORE SCOPE GOOD ADVISE  
OWNER TO RUN FOR 10 HRS AND RE CHECK
  - 12
  - 13
  - 14

#1 79 /80 #2 60/80 #3 40/80 #4 70/80 #5 76/80 #6 60/80 #7 \_\_\_ /80 #8 \_\_\_ /80

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A  
 (CIRCLE ONE) (ANNUAL) (25) (50) (100) HR INSPECTION AS PER AC 4313 1B AND MANUFACTURE  
 MAINTENANCE / OWNERS MANUAL AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  
 NEW AD COMPLIANCE SHEET WITH LOG BOOKS

Richard A Crow I/A 547178134 SIGN 

YEAR  
20  
DATE

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHT

TOTAL  
TIME IN  
SERVICE

Description of Inspections, Tests, Repairs and Alter  
Entries must be endorsed with Name, Rating and Certificate Num  
Technician or Repair Facility. (See back pages for other specific e

ENGINE  
MAKE: Piper N4345R DATE: 4/19/22 ENG/MOD# 0540J3A05  
ENG/SER# L-24200-40 ATT: 1661.4 (T)(H) TSO: 227.3 (T)(H)  
MANUFACTURE Lycoming L( ) C( ) R( )

- 1 OIL BRAND TYPE 20/50 XC
- 2 FILTER NUMBER 49108
- 3 AIR FILTER ( X ) NEW ( ) CLEANED
- 4 CLEAN AND GAP PLUGS ( X ) (NEW)
- 5 TIME MAGS ( X )
- 6 RIGHT MAG 500 HR DUE NA
- 7 LEFT MAG 500 HR DUE 1476.9
- 8 ALTERNATOR 500 HR DUE ( )
- 9 INSTRUMENT AIR FILTER (NEW) ( )

NOTES  
CHANGED AT: 1238.3  
CHANGED AT: 1661.4

(NA)  
(NA)

#1 79/80 #2 76/80 #3 78/80 #4 78/80 #5 76/80 #6 79/80 #7 /80 #8 /80

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A  
(CIRCLE ONE) (ANNUAL) (25) (50) (100) HR INSPECTION AS PER AC 4313 1B AND MANUFACTURE  
MAINTENANCE / OWNERS MANUAL AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  
NEW AD COMPLIANCE SHEET WITH LOG BOOKS

Richard A Crow I/A 547178134

SIGN [Signature]