

N4630V

New Engine

~~PIPER~~

LOG

AL-12P

6/24/82

AIRCRAFT DESCRIPTION New "O" Time Engine

MANUFACTURER Avco Lycoming MODEL O-320A2C DATE OF MFG. 6/8/81
 SERIAL NUMBER L49848-27A REGISTRATION NUMBER 4630V

REGISTERED OWNER HOP-FLIGHT, INC.
P.O. Box 8730
 STREET ADDRESS Baltimore - Washington
 CITY, STATE, ZIP Intn'l Airport, MD 21240

OPERATOR New mags
 STREET ADDRESS New Carb
 CITY, STATE, ZIP New Alternator

REGISTERED OWNER New Starter
 STREET ADDRESS New Fuel pump
 CITY, STATE, ZIP Used vac pump SN 2H1192
 OPERATOR 513 hrs Time in Service

STREET ADDRESS New Shock mounts
 CITY, STATE, ZIP

150 BHP 2700 max RPM 100 LL Fuel

Inspection Status

[Check one]



F.A.R. 91.169 ANNUAL/100 HOUR



F.A.R. 91.71 PROGRESSIVE



F.A.R. 91.217 SUBPART D



F.A.R. 135.60 A.T.C.O.



OTHER

DATE ENTERED 6/24/82

MAINTENANCE RESPONSIBILITY

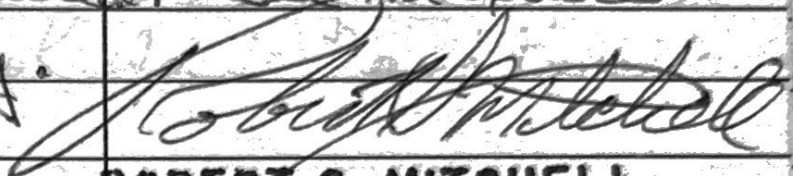
HOP-FLIGHT, INC.P.O. Box 8730Baltimore - WashingtonIntn'l Airport, MD 21240

INSTALLED EQUIPMENT

[illegible]

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
6/25/82	@ 1997 hrs	this engine installed on Varga 2150A N4630V at this time. Engine serviced with 8qts of Aeroshell mineral Oil. Mag timing checked and adjusted. Engine run in and checked for leaks. Ground operational check performed, idle mixture adjusted, all parameters satisfactory.	 ROBERT S. MITCHELL A & P #1800128
7/18/82	@ 2015 hrs	Removed Vertical Fin and repaired Fwd Spar in accordance with Varga maint manual and A/c 43.13 See attached Form 337 dated this date. Vertical fin re installed per Varga maint. manual.	 ROBERT S. MITCHELL A & P #1800128

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
8/9/82 @ 2055 hrs	58 hrs	Eng TT 58 hrs; completed Annual inspection at this time. All applicable AD's checked thru this date. None apply at this time. The Removed + welded left muffler. Oil changed using Phillips x c multi. Screen checked + cleaned. Compression satisfactory on all cylinders. Engine cleaned + serviced. Ground operational check satisfactory.	
HOP-FLIGHT, INC. P.O. Box 8730 Baltimore - Washington Intn'l Airport, MD 21240		DATE <u>8/9/82</u> TOTAL TIME <u>58</u> HOBBS _____ "I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IAW A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. WTS. # <u>8/9/82</u> WO DATE <u>3048A</u> <u>Robert S. Mitchell</u> ROBERT S. MITCHELL A & P #1600128 1A	

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
1/22/83@	2075.5 hr:	I certify this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.	Robert J. Mitchell A4P 1600126
4/8/83	2094.7	Oil changed Aeroshell SAE 50 Detergent Oil used Scott K. Allen	
6/10/83	2127.1	Oil changed Aeroshell SAE 50 Detergent Oil Scott K. Allen	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
9-13-83	2163.73	166.73, TT on engine changed oil & cleaned screen serviced engine with aero shell w/100. checked mags checked exhaust & intake system. I certify that this engine has been inspected JAW an annual inspection and is in an airworthy condition Jane E Robert A & P IA 1819286	
11/1/83	2203.68	Oil Changed Aero Shell SAE 50 W BTJll	

MAINTENANCE RECORD

F.A.R. 43.9

ICE

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
29 JAN 84	2233.95	Oil Change Aeroshell SAE 50W. BT Zeller owner	
3-21-84	2250.0	Replaced #3 cylinder bottom ignition lead. Replaced left mag distributor block. Installed bendix PN 10-52949. Timed mag to engine. Run up & ops. checked, checked good. [END]	Leonard L. Dean AIP 587154128
5 MAY 84	2265.0	Oil Change Aeroshell SAE 50W BT Zeller owner	

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
10-5-84	TT 299.9	I certify that this engine has been inspected IAW an annual inspection and is in an airworthy condition	
		James E Robert	
		A&P IPA 1819286	

F.A.R. 43.9

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5-2-86	335.92TT	Tot 2332.02	
		Changed oil & cleaned screen. Serviced engine with 74ts aerosell w/100 Compression on all cyls $\frac{74}{80}$ or better. Checked exhaust & intake system. Replaced air filter element checked mag's & spark plugs.	
		I certify that this engine has been inspected IFAW as annual inspection and is in an airworthy condition.	
		James E Robert	
		AFIP 1A1819286	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5/26/87	TAC 2362.71	OIL DRAINED & SCREEN CHECKED <u>OK</u> REFILLED W/ 7 QTS SHELL 15 W50 MULTIGRATE OIL COMPRESSION CHECKED #1 $7\frac{7}{8}$ #2 $7\frac{7}{8}$ #3 $7\frac{7}{8}$ #4 $7\frac{7}{8}$ REWORKED EXHAUST SYSTEM - CLEANED BELL JOINTS & REPLACED CORRODED BOLTS & NUTS BOTH SIDES CHECKED INDUCTION SYSTEM, REPLACED SPARK PLUGS W/ 8 NEW CHAMPION REM 40 E SPARK PLUGS. ENGINE WASHED DOWN & GROUND RUN ALL SYSTEMS OPERATE NORMAL. THIS ENGINE INSPECTED 1/1A/W 100 HR/ANNUAL INSPECTION PROCEDURES AND FOUND TO BE IN AIRWORTHY CONDITION THIS DATE. AD NOTES CHECKED AND/OR CW TO DATE SEE COMPLETE LIST REPAIR OF AIRCRAFT LOG BOOK. R J Kellenbaum A & P 203244407	

DATE	5/26/87	TIME IN SERVICE	2362.7
I CERTIFY THAT THIS <u>ENGINE</u>			
HAS BEEN INSPECTED IN ACCORD-			
ANCE WITH A <u>100 HR/ANNUAL</u>			
INSPECTION AND DETERMINED TO BE			
IN AIRWORTHY CONDITION THIS DATE.			
SIGNATURE		<u>R J Kellenbaum</u>	
CERTIFICATE NO.		<u>IA 203244407</u>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
6-3-88	TACH-2443.8	HOBBS: 1961.6 T.T.- 446.8	
		DRAINED OIL + REPLACED WITH 8 QTS. ARSHOLL 100W	
		CLEANED FILTER + FOUND NO METAL. COMPRESSION	
		CHECK #75, #2-75, #3-69, #4-78/80.	
		CLEANED + GAPPED SPARK PLUGS, RAN ENGINE'S	
		CHECKED FOR OIL LEAKS, NONE FOUND	

I certify that this ENGINE has been inspected in accordance with an 100 HR inspection and was determined to be in airworthy condition this date: 6-3-88

David Grantham
A&P #436338198



F.A.R. 43.9

[illegible]

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
11/20/89	TAC: 2516.7 TSMOH: 519.7	DRAINED OIL & CLEANED SCREEN - NO METAL FOUND - COMPRESSION TEST 1/74 2/73 3/73 4/76 - GAPPED & INSTALLED NEW SPARK PLUGS. RAN ENGINE - CHECKED FOR LEAKS - OK - AD'S CHECKED - SEE LIST REAR OF THIS LOG.	
		I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition this date: <u>11/20/89</u>	
		Farley Grantham Authorized Inspector # <u>438564519</u>	

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
12-3-90	TAC 2593	DRAINED OIL CLEANED SCREENS, NO METAL FOUND COMPRESSION CHECKED @60 @68 @70 @70, COLD CYL. CLEANED + GAPPED PLUGS ENGINE WASHED + CHECKED FOR LEAK, AD'S CHECKED TBRU - 90-21-08 SEE REPR OR LOG BOOK	Jaly R Th AIP-43564519
		I certify that this <u>ENGINE</u> has <u>been</u> inspected in accordance with an <u>annual</u> inspection and was <u>determined</u> in airworthy condition this date: <u>12-4-90</u> Farley Grantham Jaly R Th Authorized Inspector # [] 43564519	

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
01 APR 93	Tach: 2683.2	SMOH: 1168.4, Cleaned and Inspected oil Screen, Removed - Cleaned, Gapped - Tested and installed all Spark Plugs, Changed oil, Retorqued and Sabetied Propeller, Compression: #1 $\frac{68}{80}$ #2 $\frac{64}{80}$ #3 $\frac{76}{80}$ #4 $\frac{75}{80}$, Checked Mageto Timing, AD's researched thru 93-01-03, This Engine has been inspected in accordance with an Annual Inspection and was found to be in an Airworthy Condition. Said H. Plummer ABP466020418 I.A.
20-OCT-94	TAC-2727.5	: ENGINE WASHED + CHECKED FOR LEAKS, REMOVED R+ LEFT MAG, REPLACED WITH NEW SLICK MODEL 4347 SR# 94070036 LEFT SIDE SLICK MODEL 4370 SR# 94070593 RIGHT SIDE, NEW BRACKET AIR FILTER BA 4108, INSTALLED REMAN. CARB. PART NO. 10-5135 SR# CK 49238 SEE YELLOW TAG, CHANGED OIL 8 QT AEROSHELL/5W-50. ENGINE RUN + MISC CHECKS OK I certify that this ENGINE has been inspected in accordance with an INSTALLER NEW IGNITION HARNESS ANNUAL inspection and was determined to be in airworthy condition this date: 20-OCT-94 Farley Grantham <i>Farley Grantham</i> Authorized Inspector # 43886 0569

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1-DEC-95	TAC 2768.3	CHANGE OIL 8 QT ARRO 50 WT DT CLEAN FUEL STRAINER. CHANGED OIL FILTER. NO MET FOUND IN FILTER. Pump Pressure CHECKED. ① 72 ② 74 ③ 78 ④ 74/80 HOT. CLEANED + SERVICED PLUGS. AD CHECKED TNEU - 95-22
		44 I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition this date: <u>12-1-95</u> Farley Grantham <i>Farley Grantham</i> Authorized Inspector # <u>438564519</u>
01-15-96	2784.7	CHANGED OIL 8 QT 15-W50. OIL ANALYSIS <i>Farley Grantham</i> 0044380019

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
15-FEB-97	TAC 2788.5.	ENGINE WASHERD, ROCKER COVERS TIGHTEN CRANK SHART SEAL REMOVED. CLEANED INTERNALLY + CHECK FOR CORROSION. NONE FOUND. NEW SEAL INSTALLED. MUFFLER INSPECTED PIPS CLEANED + GAPPED. COMPRESSION CHECKER @ 73 @ 73 @ 76 @ 78 INSTAL!
		I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition this date: 15-FEB-97. Farley Grantham Farley Grantham Authorized Inspector #438864519

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

15 Oct 98 TAC 2816.4 compression test (1) 75 (2) 73 (3) 75 (4) 77 change oil /
SMOH 819.4 ENGINE WASHED + CHECK FUE LINES

I certify that this Engine has
been inspected in accordance with an
ANNUAL inspection and was
determined to be in airworthy condition
this date: 15 Oct 98

Farley Grantham
Authorized Inspector

F.A.R. 43.11 - 91.217

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

AIRCRAFT TIME IN SERVICE

SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

CHANGED OIL 8 QT APPROX 15 W 50

① 72 ③ 74 ② 74 ④ 75. Ticks CLEAVED + GATE

Certify THAT THIS ENGINE

been instructed to comply with

ANNUAL inspection and work

determined to be in airworthy condition

File date: 24-Jan-01

~~Farley Grantham~~

Authorized Inspector

438564519

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
4-26-02	TAC	2891.7, TTSNE 894.7
		CHANGED OIL 8 qt Shell 15W50. REMOVED OIL
		SCREEN AND CLEANED NO METAL FOUND. CLEANED
		AND GAPPED PISTONS. COMPRESSION CHECKED. 174 20
		24 23 HOT/80. ADD. IDLE MIXTURE, NO AD AT
		THIS TIME. OIL SAMPLE SENT TO LAB.

I certify that this ENGINE
been inspected in accordance with
ANNUAL inspection and
determined to be in airworthy cond
this date: 4-26-02
Farley Grantham *Farley Grantham*
Authorized Inspector #432564519

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

5-8-03

TAC 2924.2 SNEW 927.2

CHANGE OIL 8QT ARRO SNOLL 15W-50
CLEANED OIL SCREEN, NO METAL FOUND
SENT SAMPLE TO LAB, COMPRESSION CHECK
① 69 ② 70 ③ 70 ④ 73, CLEANED & GAPPED PLUGS
WASHED ENGINE AND CHECKED FOR
LEAKS

I certify that this ENGINE
been inspected in accordance with
ANNA inspection and
determined to be in airworthy cond
this date: 5-8-03

Farley Grantham

Authorized Inspector #438564519

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
08-29-04	TAG 2965.4	SNEWLE 968.4
		COMPRESSION CHECKED ① 72 ② 70 ③ 72 ④ 70 HOT/80. Oil CHANGED, FILTER SCREEN CLEANED. NO METAL. PLUGS CLEANED TIMING CHECKED. VALVE COVERS TIGHTENED. CARB. SCAT HOSE CHANGED ENGINE WASHED AND CHECKED. FOR LEAKS
		I certify that this <u>ENGINE</u> been inspected in accordance with <u>AN NNL</u> inspection and determined to be in airworthy cond this date: <u>08-29-04</u> Farley Grantham <i>Farley Grantham</i> Authorized Inspector #438564519

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
12-01-05		
	TAC 2972.8 TTE 975.8	
		CLEANED & BAKED PLUGS. COMPRESSION CHECKED
		072 @ 71 @ 74 @ 74 HOT/80. CLEANED OIL SCREEN
		NO METAL FOUND. CHANGE OIL 8 QTS AEROSHELL
		15W50. OIL SAMPLE SENT TO LAB. SAFETY
		SCAT HOSES. WASHED ENGINE & CHECKED
		FOR LEAKS. CLEANED & CHECKED PROP.

I certify that this ENGINE
 been inspected in accordance with
~~ANAL~~ inspection and
 determined to be in airworthy cond
 this date: 12-01-05

Farley Grantham *Farley Grantham*
 Authorized Inspector #438564519

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

2-18-07

TAC 2974.2 TTSNEW 977.2

OIL CHANGED & QRT SHELVES W-50 SCREEN
CLEANED & CHECKED. COMPRESSION CHECKED
① 69 ② 71 ③ 70 ④ 70 1407/80. PLUGS CLEANED.
VALVE COVERS TIGHTENED. ENGINE CLEANED
AND CHECKED FOR LEAKS. AD-2006-12-07
N/A NO CYL CHANGE.

I certify that this ENGINE
been inspected in accordance with
ANNUAL inspection and
determined to be in airworthy cond
this date: 2-18-07
Farley Grantham *Farley Grantham*
Authorized Inspector #436504519

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
2-25-08	TAC 2977.8	
		TOTAL TIME ENGINE 980.8
		ENGINE CLEANED, PLUGS CHECKED
		OIL CHANGED
		FILTER REMOVED & CLEANED
		MAG TIMING CHECKED
		EXHAUST + HEAT MUFFS CHECKED
		PROP CLEANED AND CHECKED
		AD. 2007-04-19-R1 N/A SUPERIOR Cyl. only
		I certify that this <u>ENGINE</u>
		been inspected in accordance with
		<u>ANNUAL</u> inspection and
		determined to be in airworthy cond
		this date: <u>02-25-08</u>
		Farley Grantham <i>Farley Grantham</i>
		Authorized Inspector #436564519

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
8/13/08	2979.92 - Tac	982.92 - Engine
04/12/09	2889.64	Replaced Engine oil with 5qt - AEROSHELL 15W-50 Tyler Hawey 961.64 - Engine Removed Cowling and SpotPly's Cleaned and Brushed Drained oil & Clean Screens - Lubricated Engine Controls. Serviced with 7qt's Aero Shell W-100 Plus Checked Engine Compression ① 70/80 ② 70/80 ③ 69/80 ④ 70/80 Inspection Performed IAW Part 65 Appendix D AD 2008-19-05. Does not comply no 80:1 Cylinders installed on engine. All other AD's Researched And found to be in Compliance I certify that this engine was inspected in accordance with Annual Inspection and was found to be in Airworthy Condition [Signature] 3344446392A

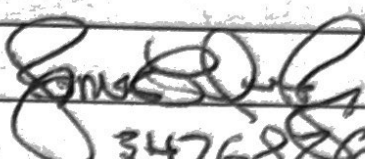
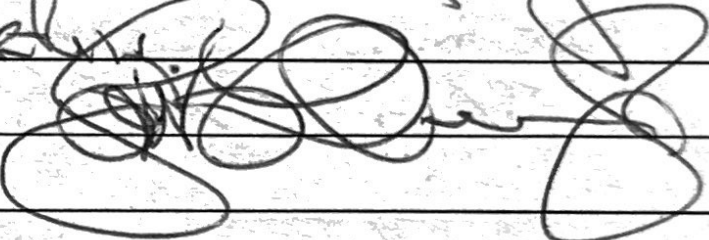
INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
05/22/10	3006.75	Removed Cowling, Removed Spark Plugs, Cleaned & Repacked, Compression test performed. (1) 72/80 (2) 68/80 (3) 70/80 (4) 59/80 Drained oil & Replaced Filter Serviced w/ 7 qts Aero Shell w/ 100. Rechecked AD List Lubricated Engine Controls Repacked Spark Plugs.
05/23/10		I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>AIRCRAFT</u> INSPECTION AND WAS FOUND TO BE AIRWORTHY. <i>[Signature]</i> 3476826
06/09/11	3024.69	Removed Cowling, Repacked Engine. Removed Spark Plugs, Cleaned and Gapped - Compression test 1024.69 (1) 60/80 (2) 80/80 (3) 68/80 (4) 66/80 AIRCRAFT NOT FOR IN-2 MP. Drained oil & Replaced Filter - Serviced w/ 7 qts Aero Shell 15W40. Lubricated Engine Controls Repacked Spark Plugs - All Good. A.K. no new AD's found.

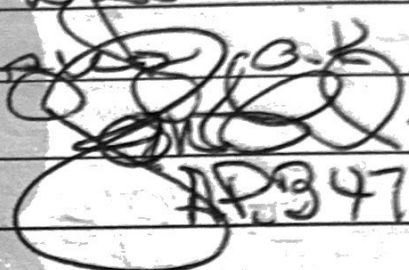
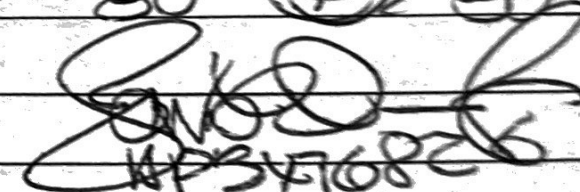
INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
06/08/11	3021.69	I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>Annual</u> INSPECTION AND WAS FOUND TO BE AIRWORTHY.
	Engine II	
	1024.69	 3476886 IA
08/05/12	3046.31	Removed Cowling & Cleaned Engine, Removed & Cleaned 3 Port Pylons - Checked Port Pylons Compression leak test ① 12/20 ② 12/20 ③ 7/20 ④ 70/20. Drilled out & Cleaned Screens, Sealed with 7 GAS Aero Shell 15W40. Lubricated Engine Controls. AD # 2012-07-07 Marvel - Checked Gasston. Marked from Billet Does NOT Apply
	1047.62	I Certify That This Engine has been inspected in accordance with <u>Annual</u> inspection and has been Approved.  3476886 IA

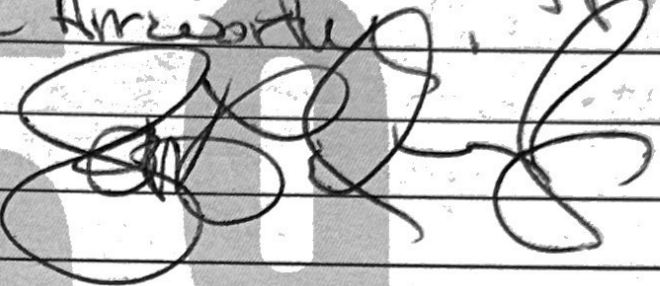
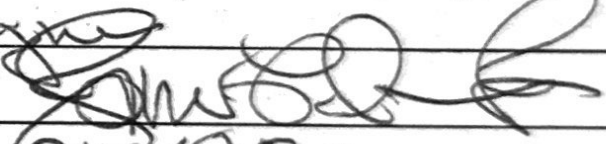
INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
09/05/10	2046.06	Removed Red Lite Alternator P/N ALY8520 Installed new Brushes Per W.B. 106084 by AEPB Tech of Louisville. Removed Defective over Voltage Relay & Replaced with P/N 0875-14. Replaced Propeller & Entry with Prop of Engine. Charges OK.  APB476820
		Removed Chocks & Closed Engine, Removed bad Choke & Spark Plug, Checked timing Worked all Engine Controls, Serviced with 6 Qts Aero Shell 15W50 AD 2012-03-07 Billet Carburetor Does Not Apply - Compression Checked (1) 72/80 (2) 68/80 (3) 60/80 (4) 72/80  APB476820

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
03/15/14	TT 3051.40 8m04	Inspection Performed w/ Airframe Part 43 Appendix D
	1031.18	I certify that this engine has been inspected I/A/w Annual Inspection and found to be Airworthy.
APR	3051.40	 2476876 IA
03/11/15	3063.00 TT	
	139.78m04	
APR	1039.7	Removed Cowl, cleaned engine. Pumped and cleaned four top spark plugs and replaced Bottom Chargin Rem 3734 Plug with new set. Lubricated Engine Controls. Serviced with 6 qt's Amsoil 15W50 Compression checked (1) 7/80 (2) 7/80 (3) 6/80 (4) 7/80 no new AD's for this engine
		 AP 3476826

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

3/16/15

3060.00T

139.78 SHOK

1039.78

Records
Sent to
E.T.T. which
is same as
E.T.S. mod.
to be changed
by adding
the zero which
was left out.
W. J. Add P16742-2JA

Inspection Performed I/A/w Post 43 Approved
I certify That This Engine has been
Inspected to Airman's (WHL) Annual
Inspection and was found to be Airworthy.

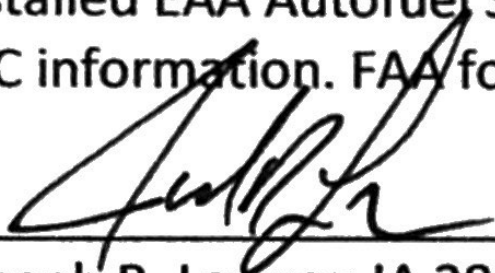
Signature
13476876-2A

60

ENGINE

Sept 19, 2015

Installed EAA Autofuel STC SE01943CH. See Airframe logbook for airframe STC information. FAA form 337 dated 9/19/2015 submitted.

A handwritten signature in black ink, appearing to read 'Joe Lawson', is written over a horizontal line.

Joseph R. Lawson IA 2856239 A&P

Log Book Entry N4630V Avco Lycoming O-320A2C S/N L49848-27A

May 06, 2016 Tach Time 3076.74 Eng. T.T. ^{1055.85} ~~unknown~~ TSMOH ^{1055.85} ~~156.52~~ W.F.L.

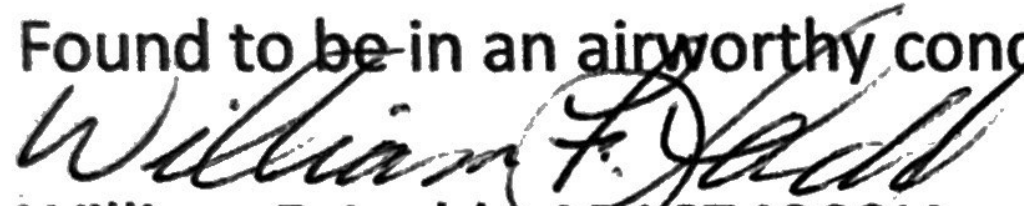
Completed an annual inspection this date. Compression test, hot cyl.

#1=66/80 #2=68/80 #3=68/80 #4=70/80. Timed mags per engine data plate info.

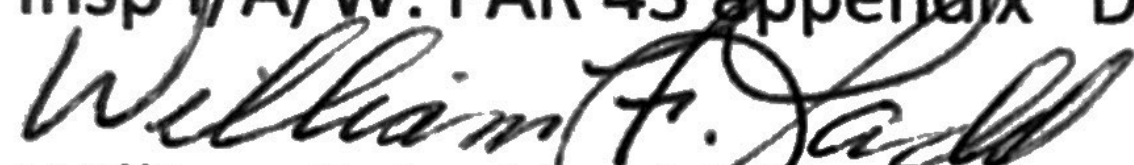
Drained engine oil, cleaned oil press screen, new gasket p/n 61173 on replacement.

Cleaned Gapped, tested and rotated spark plugs. Removed, inspected and replaced heater mufflers. Cleaned starter brush area. C/W Lycoming SB 366A-carburetor body. Cleaned and lubed engine controls. Serviced engine with 6 qts. Aero Shell 15W50 oil. Cleaned engine, ran for leak check, no leaks. ADs checked Thru Tdata 2016-8. See Airworthiness Directive Compliance Record for 2016.

I certify that this engine has been inspected I/A/W FAR 43 Appendix "D" and Found to be in an airworthy condition.


William F. Ladd AP1674282IA

Logbook entry 05/25/17 Lycoming O-320A2A S/N L49848-27A
Reg:N4630V Tach time:3088.45 E. T.T. ^{1067.56} ~~unknown~~ T.S.M.O.H.: ~~168.23~~ ^{1067.56}
C/W 100hr/annual inspection this date using Lycoming maintenance
Manual and Varga inspection guide. Compression test of hot cylinders
#1=70/80 #2=70/80 #3=70/80 #4=70/80, with no valve leakage.
Cleaned, gapped, tested, and rotated all spark plugs. Checked all exhaust
to include the muffler system for condition. Magneto timing checked.
Engine oil screen removed and inspected, no problem found. Oil to be
changed at owners discretion. Ran engine for leak and ops check, no leak.
ADs checked with Tdata 2017-10 and FAA biweekly. See airworthy
Directive Compliance records for 2017. I certify that this engine has been
Insp I/A/W. FAR 43 appendix "D" and found to be airworthy.


William F. Ladd AP1674282IA

Log Book Entry N4630V Avco Lycoming O-320A2C S/N L49848-27A

June 13, 2018 Tach Time 3101.65 Eng. T.T. ~~unknown~~ ^{1080.58} TSMOH ~~181.43~~ ^{1080.58} w/ ~~h~~

Completed an annual inspection this date. Compression test, with no valve leakage.

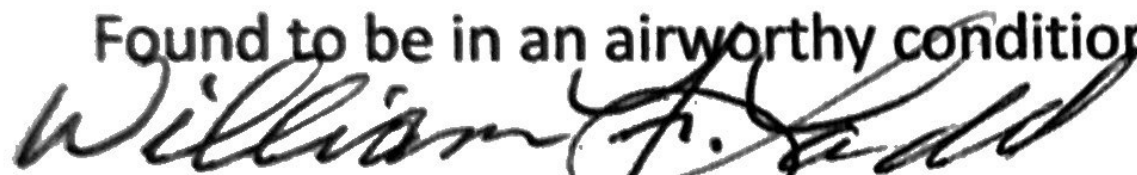
#1=66/80 #2=64/80 #3=64/80 #4=66/80. Timed mags per engine data plate info.

Advanced LT. mag 1 deg to 25deg B.T.C. Drained engine oil, cleaned oil press screen, new gasket p/n 61173 on replacement. No abnormality found. Serviced engine with 6 Qts. Aero Shell W100 oil. Cleaned Gapped, tested and rotated spark plugs. Removed, inspected, and replaced heater mufflers. Cleaned starter brush area. C/W Lycoming SB 366A-carburetor body. Cleaned and lubed engine controls. Removed oil filler/dipstick tube, replaced gasket and reinstalled. Cleaned engine, ran for leak check, no leaks noted.

ADs checked Thru Tdata 2018-10. See Airworthiness Directive Compliance Record for 2018.

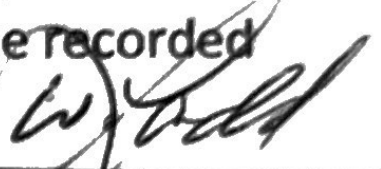
I certify that this engine has been inspected I/A/W FAR part 43 Appendix "D" and

Found to be in an airworthy condition.



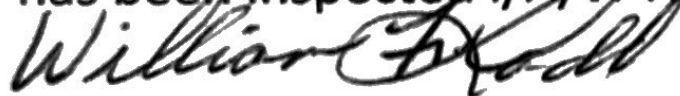
William F. Ladd AP1674282IA

Logbook entry 07/05/2019 Varga N4630V S/N VAC88-77 M/N 2150A

Records search this date shows Avco Lycoming engine, M/# O-320 A2C, S/# L4984-27A, 150 HP, Date of MFG. 6/8/81 was installed on Varga S/# VAC88-77 as new "0" time engine On 6/25/1982 as first installation when aircraft hours were at 1997.00. This is in engine Logbook #1 first page for maintenance records. Aircraft logbook # 1 also indicates this On last page with engine installed 6/25/82 @ 1997 hrs. as new "0" time S/# L49848-27A. There was an error made in the recorded time of engine time in service on 03/15/2014. This has been noted on pages from that date through 6/13/2018. Time as of July 05, 2019 Is tach time 3107.86, engine total time, 1086.79 from new "0" time. This is to be recorded in aircraft logbook #2 and engine logbook #1. William F Ladd AP1674282IA 

Logbook Entry 07/05/2019 N4630V Avco Lycoming O-320A2C S/N L49848-27A

July 05 2019 Tach Time: 3107.86 Engine Total Time: 1086.79 New engine/No overhaul Completed an annual inspection of this engine this date. Checked oil screen, no abnormality Found. Hot engine compression check #1:77/80 #2:78/80 #3:78/80 #4: 77/80, there is no Exhaust or intake leakage from the valves. Engine ADs checked through Tdata 2019-12 and Found in compliance. See AD compliance list with aircraft paper work for this date. Engine is serviced with 6 Qts. Aeroshell W100 oil. No leaks found on engine run. I certify that this engine has been inspected I/A/W FAR 43 appendix "D" and found to be in an airworthy condition.



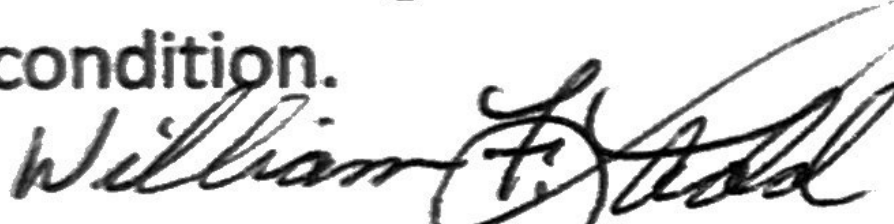
William F Ladd AP1674282IA

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Logbook Entry 08/08/2020 REG: N4630V Lycoming 0-320A2C S/N L49848-27A

August 8, 2020 Tach Time: 3118.47 Engine Total Time: 1097.40^{hml} New engine/Never overhauled
Completed an annual inspection of this engine this date. Checked oil screen, no abnormality
Found, replaced with new gasket part # 61173. Hot engine compression check #1:78/80 #2:76/80
#3:78/80 #4: 78/80, there is no Exhaust or intake leakage from the valves. Engine ADs checked
through Tdata 2020-16, and Found in compliance. See AD compliance list with aircraft paper work
for this date. Replaced engine emerg. Fuel pump, strainer and gasket, Kit part # 05-01019. Magneto
timing checked to data plate spect., 25 deg BTDC. Adjustment made to alternator belt, slippage at 8 ft.
lbs. Engine serviced with 6 Qts. Aeroshell W100 oil. Engine run and checked, No leaks found. I certify
that this engine has been inspected I/A/W FAR 43 appendix "D" and found to be in an airworthy
condition.


William F Ladd AP1674282IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

[illegible]