

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

APPLICABLE AIRWORTHINESS
DIRECTIVES

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PROPELLER

AVIONICS

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N12894M

Engine Manufacturer LYCOMING

Model D-320-D3G

Serial No. L-13672-39A

Date installed on aircraft 6 APR 01

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☐ Right

☐ Left

☐ Front

☐ Rear



AEROTECH PUBLICATIONS INC.

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1-800-235-6444
FAX: (631) 765-9359

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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
				TOTALS brought forward from previous page
AUG 102				FWD MUFFLER CRACKED R/H SIDE REPLACED BOTH MUFFLERS WITH NEW ^{PMMA CERTIFIED} MUFFLERS FROM EXHAUST & TURBO COMPONENTS TORQUED PER CYC ENGINE MANUAL J. Haffern 1600646 V & R
AUG 6				REPLACED ALTERNATOR WITH PIN 4111810R SN C061681 J. Haffern 180469876
AUG 16-02	1055.9	908.8		100HR INSP CW COMP 1-76 2-78 3-76 4-70 CHANGED OIL AND OIL FILTER CH48110 CHECKED SUMP AND FILTER FOR FOREIGN MATTER CLEANED AND GAPPED & ROTATED PLUGS REPLACED INDUCTION AIR FILTER CHECKED MOUNTS, HOSES, AND EXHAUST SERVICED ENG WITH 8 QTS OF AEROSHELL 100 AND WORK IAW LYCOMING SERVICE MANUAL AND PART 43 I CERTIFY THAT THIS ENG HAS BEEN INSPECTED IN ACCORDANCE WITH 100HR INSP AND IS IN AIRWORTHY COND. J. Haffern 180469876
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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
				TOTALS brought forward from previous page
12 DEC 03	1230.7	1104.5		<p>AND 2 C/W IN M/M PART 13</p> <p>CHANGED OIL, REPLACED OIL FILTER CUT OPEN FILTER FOUND NO CONTAMINATION OK COMPRESSION</p> <p>1 CY 72 2-71 3 70 4 76</p> <p>OPEN EXHAUST SHROUDS. CHECK EXHAUST SYS FOR CRACKS AND LEAKS. INSP ALL CONTRA LINAGE HEAT BOX AND DUCTING FOUND ENG TO BE IN AN AIR WORTHY CONDITION</p> <p> JETLAB REGISTERED 113672-39A DATE 12-24-02 TOTAL TIME 1230.7 TACH TIME 1104.5 I CERTIFY THAT THIS <u>ENG</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AS PER <u>M/M</u> AND WAS DETERMINED TO BE IN AN <u>AIRWORTHY</u> CONDITION <u>E.H. [Signature]</u> A&P 1600646 I/A SIGNATURE </p>
24 MAR 03	1350.7	1204.5		<p>CW 100 HR INSP IAW LYCOMING SM AND PSM AND PART 13. ENG COMPCK #176 #274 #376 #477 CHANGED OIL AND REPLACED FILTER WITH CN48111 SERVICE WITH 8 QTS OF AERO SHELL 100WT CHANGED AIR FILTER AND REPLACED ALL 8 PLUGS WITH REM 38E CHECK MAG TIMING. CHECK MUFFLER EXHAUST FOR LKS INSP OIL FILTER AND NO METAL FOUND</p>
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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
				TOTALS brought forward from previous page
24 MAR 03		1350.7	1204.5	<p>CLEANED ENG COMPT AND LUBED CABLES INSP OIL SUMP SCREENS TEST RAN ENG NO LKS NOTED</p> <p>N2841M REG/SER# DATE 24 MAR 03 TOTAL TIME 1350.7 TACH TIME 1204.5 I CERTIFY THAT THIS ENG HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR INSPECTION AS PER AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION A&P/IA 180469876 SIGNATURE</p>
5-20-03		1449.3	1303.1	<p>100 HR chv. Drained oil, removed & inspected Filter. Serviced with 8qts Aeroshell 100+. cleaned & regapped spark plugs. Compression checked: 1 76 2 75 3 74 4 77 cleaned engine compartment, lubed cables. Test ran satisfactory, no leaks noted.</p> <p>N2841M REG/SER# DATE 5-20-03 TOTAL TIME 1449.3 TACH TIME 1303.1 I CERTIFY THAT THIS HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR INSPECTION AS PER AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION A&P/IA 180469876 SIGNATURE</p>
25 JUL 03		1549.2	1403.0	<p>100HR CW DRAINED OIL REMOVED+ INSP FILTER SERVICED WITH 8 QT AEROSHELL 100WT COMP CHECKED #174 #273 #372 #476 REPLACED MAG LEADS REPAIRED BAPPELS CLEANED & GAPPED PLUGS</p> <p>N2841M REG/SER# DATE 25 JUL 03 TOTAL TIME TACH TIME I CERTIFY THAT THIS HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR INSPECTION AS PER AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION A&P/IA 180469876 SIGNATURE</p>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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
				TOTALS brought forward from previous page
25AP03	1648.3	1502.1		CW 100 HR Insp. Drained oil, removed + inspected Filter, serviced with 8qts Aeroshell 100w comp checked: 1:73 2:73 3:72 4:75. Plugs cleaned + regapped N 8941 REG/SER# 13272-31A DATE 25AP03 TOTAL TIME 1648.3 TACH TIME 1502.1 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR INSPECTION AS PER MM AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION A&P/IA 15646876 SIGNATURE
24SEP03	1698.0	1551.8		CW 50 HR Insp 1AW PSM + part 43. N 8941 REG/SER# 13272-31A DATE 24SEP03 TOTAL TIME 1698.0 TACH TIME 1551.8 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR INSPECTION AS PER MM AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION A&P/IA SIGNATURE
20OCT03	1746.5	1600.3		CW 100 HR Insp 1AW PSM + Part 43. Drained oil, removed Filter (cut open + inspected) Installed new Filter + 8qts Aeroshell 100w. Cleaned + regapped spark plugs. Replaced air Filter. Cleaned engine comp, lubed cables. Compression checked: #1 74 #2 72 #3 72 #4 74 N 8941 REG/SER# 13272-31A DATE 20OCT03 TOTAL TIME 1746.5 TACH TIME 1600.3 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR INSPECTION AS PER MM AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION A&P/IA 15646876 SIGNATURE
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	1746.5	1600.3		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
				TOTALS brought forward from previous page
2 DEC 54			1973.0	dw 100 hr insp J Hoff ATP 150469870
10 FEB 55	2116.8	2116.8	2008.6	<p>This Annual inspection was performed to the aircraft manufacturers requirements and FAR Part 43</p> <p>Drain oil and serviced with Aero Shell 100wt 8qts Removed filter and cut open for metal insp Replaced induction air filter Cleaned and regapped spark plugs replaced as req Inspected ignition harness Inspected all hoses and lines Inspected engine baffles Performed compression check #1 70 #2 7 #3 70 #4 69 Replaced rt&lt mags, Checked magnetos and timing Inspected intake and exhaust systems Inspected engine shock mounts eng mount structure and ground straps Inspected engine controls and linkage Inspected crankcase and vacuum systems breather lines Inspected Induction airbox air valves doors and controls A engine run-up was performed and all discrepancies and abnormalities have been corrected I certify that this eng has been inspected IAW an annual as per Piper service Manual and was determined to be in an airworthy condition</p> <p>J Hoff ATP 150469876</p>
17 MAY 55	2198.6	2198.6	2090.4	<p>This inspection was performed to the aircraft manufacturers requirements and FAR Part 43</p> <p>Drain oil and serviced with Aero Shell 100wt 8qts Removed filter and cut open for metal insp Replaced induction air filter Cleaned and regapped spark plugs, replaced as req Inspected ignition harness Inspected all hoses and lines Inspected engine baffles Performed compression check #1 68 #2 69 #3 70 #4 71 / 80 Psi Checked magnetos and timing Inspected intake and exhaust systems Inspected engine shock mounts eng mount structure and ground straps Inspected engine controls and linkage Inspected crankcase and vacuum systems breather lines Inspected Induction airbox air valves doors and controls A engine run-up was performed and all discrepancies and abnormalities have been corrected I certify that this eng has been inspected IAW an annual/100 hour as per Piper Service Manual and was determined to be in an airworthy condition</p> <p>J Hoff ATP 150469876</p>

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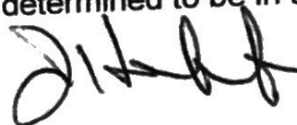
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME
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TOTALS brought forward from previous page

29 AUG 05	2298.6	2298.6	2190.4
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This inspection was performed to the aircraft
 manufacturers requirements and FAR Part 43
 Drain oil and serviced with Aero Shell 100wt 8qts
 Removed filter and cut open for metal insp
 Replaced induction air filter
 Cleaned and regapped spark plugs replaced as req
 Inspected ignition harness
 Inspected all hoses and lines
 Inspected engine baffles
 Performed a cylinder compression check
 #1 69 #2 70 #3 69 #4 68 / 80 PSI
 Checked magnetos and timing
 Inspected intake and exhaust systems
 Inspected engine shock mounts eng mount structure
 and ground straps
 Inspected engine controls and linkage
 Inspected crankcase and vacuum systems breather
 lines
 Inspected Induction airbox air valves doors and
 controls
 Cleaned Eng compartment and cowling
 A engine run-up was performed and all
 discrepancies and abnormalities have been
 corrected
 I certify that this eng has been inspected IAW an
 annual insp as per Piper Service Manual and was
 determined to be in an airworthy condition

 ATP 18046787K

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
				TOTALS brought forward from previous page
9/28/07			2537.1	<p>Changed Oil & Filter cleaned struts. General Inspection. Fill w/ 8 qts 80w mineral oil.</p> 
3/1/8				<p>Tach Reading 2583.4 hrs, 119 hrs since last inspection, 119.13 SMOH Engine cleaned controls, hoses & fittings checked & lubricated, Oil & filter change Shell mineral, New Bracket air filter. Brakes system & tires check OK, Chrysler Differential Compress #1 $78/80$ #2 $79/80$ #3 $79/80$ #4 $79/80$, Plugs cleaned & rotated</p> <p>I certify this engine has been inspected per 100 hr inspection & found airworthy J. Magleston PEP 14985105A</p>
				SUB-TOTALS this page
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				TOTALS brought forward from previous page
7/2/08				<p>N2894M Piper PA28-161 SN 28-7816372 CHANGE OIL & FILTER, REPLACE MIXTURE BOLT & CP AT CARB. TIGHTEN & SHIM THROTTLE BOLT AT CARB. REMOVE WIRE TO ELECTRIC FUEL PUMP & REPAIR. CK PROP BALANCE NO WT NEEDED. .05 IPS. FILE & PAINT BACK. OF PROP. <i>Robert C. Casteel</i> IA25619401</p>
<p>07-03-2009 @ 09:00 Hrs. Piper PA28-161 N2894M SN: 287816322 Current Tach: 2440.0 Engine T.T. 2545.2 SMOH: 175.6 Checked ignition timing at 25 degrees BTDC. Removed, cleaned, gapped and reinstalled spark plugs. Compression check: 1.78/80 2.77/80 3.78/80 4.78/80. Cleaned gasculator. Replaced rocker box gaskets with new silicone gaskets PN: RG-75906. Drained oil and serviced with 8 quarts Phillips X/C 20W/50. Replaced oil filter. Removed and replaced crankshaft expansion plug with Lycoming PN: STD-1211. Replaced crankshaft nose seal with Lycoming PN: 76940. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time and date only. No warranty to future condition.</p> <p><i>Robert C. Casteel</i> Robert C. Casteel A & P Mechanic 3321599 IA</p>				
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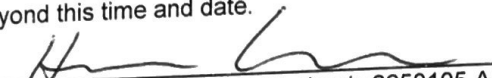
DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

TOTAL
TIME
IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIME

08-09-2010 @17:00 Hrs PA28-161 N2894M:
Tach: 2462.5 Engine T.T. 2567.7 SMOH 198.1

Engine was inspected I.A.W. 14 CFR Part 43 Appendix 'D'. Spark plugs were removed, cleaned, and gapped and reinstalled. Checked ignition timing at 25 degrees BTDC. Compression check: #1 74/80 #2 76/80 #3 74/80 #4 78/80. Replaced air filter with new BA-16. Drained engine oil and serviced with 8 qts of Phillips X/C 20w50 motor oil. Replaced oil filter with Champion Aviation Products Inc. CH48110-1 oil filter and secured with .032 gage safety wire. All work done I.A.W. Piper Service Manual. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition at this time and date only. No warranty implied beyond this time and date.


Hideki Watanabe A & P Mechanic 2650105 A&P

I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition at this time and date only. No warranty to future condition.

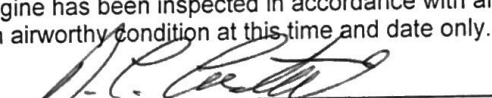

Robert C. Casteel A & P Mechanic 3321599 IA

08-27-2011 @15:00 Hrs PA28-161 N2894M:
Tach: 2504.0 Engine T.T. 2609.2 SMOH 239.6

Engine was inspected I.A.W. 14 CFR Part 43 Appendix 'D'. Spark plugs were removed, cleaned, and gapped and reinstalled. Checked ignition timing at 25 degrees BTDC. Compression check: #1 76/80 #2 76/80 #3 76/80 #4 78/80. Replaced air filter with new Brackett BA-16. Drained engine oil and serviced with 8 qts of Phillips X/C 20w50 motor oil. Replaced oil filter with Champion Aviation Products Inc. CH48110-1 oil filter and secured with .032 gage safety wire. All work done I.A.W. Piper Service Manual. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition at this time and date only. No warranty implied beyond this time and date.



Hideki Watanabe A & P Mechanic 2650105 A&P

I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition at this time and date only. No warranty to future condition.


Robert C. Casteel A & P Mechanic 3321599 IA

09/06/2012 @ 13:00 Hrs. Piper PA28-161 N2894M SN: 287816322
Current Tach: 2536.9 Engine T.T. 2642.1 SMOH: 272.5

Checked ignition timing at 25 degrees BTDC. Removed, cleaned, gapped and reinstalled spark plugs. Compression check: 1.74/80 2.76/80 3.74/80 4.78/80. Cleaned gasculator. Drained oil and serviced with 8 quarts Phillips X/C 20W/50. Replaced oil filter with CH-48110-1. I certify that this engine has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition at this time and date only. No warranty to future condition.


Hedeki Watanabe A & P Mechanic 2650105

TOTALS—Carry forward to next page

AEROVENTURE

561 Sky Ranch Dr. Petaluma, Ca. 94954 (707) 778-6767

N2894M**Date: 10/18/13 Tach: 2573.6 TTIS: 2678.8 TSOH: 309.2**

- 1) Changed oil and filter. inspected filter medium, no metal found. Serviced w/AeroShell 100w and AA48110-2 filter.
 - 2) Performed compression check #1-74/80, #2-78/80, #3-76/80, #4-76/80
 - 3) Replaced induction air filter. Installed Brackett BA-16 element.
 - 4) Replaced carb heat induction air screen P/N 35631-004.
 - 5) Replaced all 4 exhaust gaskets w/ P/N 77611.
 - 6) Replaced deteriorated baffling material at front sections L&R
 - 7) Replaced carburetor w/ overhauled unit P/N 10-5217 S/N MS843406.
- Ground run operation 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

Joseph Davis
Joseph Davis AP345449518IA

AEROVENTURE

561 Sky Ranch Dr. Petaluma, Ca. 94954 (707) 778-6767

N2894M**Date: 10/10/14 Tach: 2606.2 TTIS: 2711.4 TSOH: 341.8**

- 1) Changed oil and filter. inspected filter medium, no metal found. Serviced w/AeroShell 100w and AA48110-2 filter.
 - 2) Performed compression check #1-79/80, #2-77/80, #3-80/80, #4-77/80
 - 3) Replaced induction air filter. Installed Brackett BA-16 element..
 - 4) Removed exhaust system. Resurfaced all 4 cylinder exhaust ports due to erosion. Reinstalled all studs and blow proof exhaust gaskets P/N 77611
 - 5) Removed both Magnetos for 500 hr service. Installed P/N 4371 S/N 05010196 on left and P/N 4370 S/N 97040522 on right as supplied by AIRCRAFT MAGNETO SERVICE w/o # 8310 and 8311.
 - 6) Replaced all 4 engine mounts. Installed P/N J9613-40 top left and bottom right, and P/N J9613-53 top right and bottom left.
- Ground run operation 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

Joseph Davis
Joseph Davis AP345449518IA

AEROVENTURE

561 Sky Ranch Dr. Petaluma, Ca. 94954 (707) 778-6767

N2894M**Date: 11/02/15 Tach: 2606.2 TTIS: 2756.2 TSOH: 386.6**

- 1) Changed oil and filter. inspected filter medium, no metal found. Serviced w/AeroShell 100w and AA48110-2 filter.
 - 2) Performed compression check #1-75/80, #2-79/80, #3-78/80, #4-78/80
 - 3) Replaced induction air filter P/N BA-16
 - 4) Replaced all 4 exhaust gaskets P/N 77611.
 - 5) Replaced #3 cylinder push rod shroud tubes P/N 68987 and seals P/N SL70310 and LW18661.
- Ground run operation and leak check OK.

I certify this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition

Gary Price
Gary Price AP2593491IA

ING WORK

1 Approving National Aviation Authority/Country FAA / UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3 Form Tracking Number 015791	
4 Organization / Name and address Marvel-Schebler Aircraft Carburetors, LLC 125 Piedmont Ave, Gibsonville, NC 27249 FAA-PMA PQ4020CE					5 Work Order / Contract / Invoice Number 8434	
6 Item 1	7 Description MA-4SPA	8 Part Number 10-5217	9 Eligibility N/A	10 Quantity 1	11 Serial / Batch Number MS843406	12 Status / Work Overhauled
13 Remarks						

THIS CARBURETOR HAS BEEN OVERHAULED AND TESTED IAW MARVEL-SCHLEBLER AIRCRAFT CARBURETORS LLC SPECIFICATIONS. CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 12/13 WAS CARRIED OUT IAW EASA PART 145 AND IN RESPECT TO THAT WORK THE ARTICLE IS CONSIDERED READY FOR RELEASE TO SERVICE FOR WORK PERFORMED UNDER EASA ACCEPTANCE CERTIFICATE NUMBER EASA.145.6280. COMPLETE DETAILS HELD ON FILE IN REFERENCE JOB ORDER ABOVE. APPLICABLE SERVICE BULLETINS AND AIRWORTHINESS DIRECTIVES HAVE BEEN COMPLIED WITH AS OF THIS DATE. ASSEMBLY PRESERVED FOR SHORT TERM STORAGE.

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved Design data and are in condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return To Service Certifies that unless otherwise specified in block 13, the work identified in block 12 and described in block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		<input checked="" type="checkbox"/> Other Regulation Specified in Block 13	
15. Authorized Signature:		16. Approval / Authorization No.:		20. Authorized Signature <i>Mark Keeney Jr.</i>	
17. Name (Typed or Printed)		18. Date (M / D / Y)		21. Approval / Certificate No.: V24R156B	
		22. Name (Typed or Printed) Mark Keeney Jr.		23 Date (M / D / Y) Sep 19, 2013	

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly. Where the user / installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness authority of the country specified in block 1 it is essential that the user / installer ensures that his/her Airworthiness Authority accepts parts / components / assemblies from the Airworthiness Authority of the country specified in block 1

Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer before the aircraft may be flown.

FAA Form 8130-3

* Installer must cross check e
www.msacarbs.com for elig

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gapped and reinstalled
Cleaned gasculator.
aced oil filter with CH-
ce with a 100-hour
s time and date only. No

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2) F	
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4) F	
5) F	
Gro	
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insp	

1) C
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5) F
Gro
I ca
insp

11697 KIRK AVE. NE
BAINBRIDGE ISLAND, WA 98110
(206) 768-3099

MAINTENANCE RELEASE
The aircraft, airframe, aircraft engine, propeller or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Permit details of the repairs under
Work Order # 8311 are herein attached
Dated 18 SEPTEMBER 2014
Inspected by OUT CREW
Cert. # AP 184954

SERVICEABLE

Name SUCK AIRCRAFT PRODUCTS
Unit SUCK MAGNETO
Part # 4370 Ser. # A7040522
Aircraft 10 ID #
Disposition RETURN TO SERVICE
Reason For Removal 500HR INSPECTION
Removed By G. PRICE Date 11/11/14
AD or Service AD SUCK 582-08A
Bulletins 583-08A 581-12
Work 500HR INSPECTION IAW
Performed MFR'S SERVICE
FAA Certificate No. INSPECTIONS
INSTALLED NOV 13 975 COIL
AIRCRAFT MAGNETO SERVICE

REORDER FROM:
AVIATION BUSINESS SYSTEMS
735 North Businessway
Hawthorne, CA 90230
800-833-0061

PROPELLER

ANOMICS

APPLICABLE AIRWORTHINESS DIRECTIVES

AEROVENTURE

561 Sky Ranch Dr. Petaluma, Ca. 94954 (707) 778-6767

N2894M

Date: 12/16/16 Tach: 2606.2 TTIS: 2808.1 TSOH: 438.5

- 1) Changed oil and filter. Inspected filter medium, no metal found. Serviced w/AeroShell 100w and AA48110-2 filter.
 - 2) Performed compression check #1-72/80, #2-78/80, #3-78/80, #4-78/80
 - 3) Replaced induction air filter P/N BA-16
- Ground run operation and leak check OK.

I certify this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition


Joseph Davis AP354449518IA

AEROVENTURE

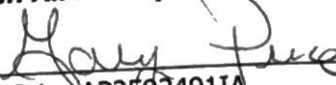
561 Sky Ranch Dr. Petaluma, Ca. 94954 (707) 778-6767

N2894M

Date: 02/16/18 Tach: 2741.0 TTIS: 2846.2 TSOH: 476.6

- 1) Changed oil and filter. Inspected filter medium, no metal found. Serviced w/AeroShell W100 and AA48110-2 filter.
 - 2) Performed compression check #1-72/80, #2-78/80, #3-75/80, #4-76/80
 - 3) Replaced induction air filter P/N BA-16
- Ground run operation and leak check OK.

I certify this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition


Gary Price AP2593491IA

AEROVENTURE


561 Sky Ranch Dr. Petaluma, Ca. 94954 (707) 778-6767

N2894M

Date: 04/02/19 Tach: 2766.8 TTIS: 2872.0 TSOH: 502.4

- 1) Changed oil and filter. Inspected filter medium, no metal found. Serviced w/AeroShell W100 and AA48110-2 filter.
 - 2) Performed compression check #1-72/80, #2-76/80, #3-74/80, #4-75/80
 - 3) **C/W AD 2017-14-04** by replacing oil cooler hoses with type D hoses.
- Ground run operation and leak check OK.

I certify this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition


Joseph Davis AP354449518IA

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
TOTALS brought forward from previous page				Page No. _____ Engine - page 1 of 1

wo: WO 2020047



Aviation Specialties - 300 County Airport Rd., Hangar A - Vacaville, CA 95688 - 7074512860

April 7, 2020

N2894M

Tach: 2785.7

Lycoming, O-320-D3G, S/N: L-13672-369A
TTSN: 2890.9 SMOH: 521.3

1. 100 hour service and inspection IAW FAR 43 Appd. D checklist. warmed engine and drained oil, removed oil filter and found contents to be that of normal operation. Installed new oil filter and replenished oil sump. Cleaned and inspected all fuel screens. Removed spark plugs, cleaned, serviced, rotated, and installed back into engine. Performed compression test #1: 78, #2: 78, #3: 77, #4: 78. Found magneto to engine timing was 25 BTDC.

I certify that this engine and components have been inspected, repaired and maintained in accordance with the manufacturer's data, guidance and Federal Aviation Regulations and is returned to service only for the work performed. Details of work performed are on file with Aviation Specialties under work order: WO 2020047.

Tracy Van Iwarden A&P with IA 3569644

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wo: WO 2021066



Aviation Specialties - 300 County Airport Rd., Hangar A - Vacaville, CA 95688 - 7074512860

May 04, 2021

N2894M

tach: 2799.0

Lycoming, O-320-D3G, S/N: L-13672-369A
TTSN: 2904.2 SMOH: 534.6

1. 100 hour service and inspection IAW FAR 43 Appd. D checklist. warmed engine and drained oil, removed oil filter and found contents to be that of normal operation. Installed new oil filter and replenished oil sump. Cleaned and inspected all fuel screens. Removed spark plugs, cleaned, serviced, rotated, and installed back into engine. Performed compression test #1: 73, #2: 74, #3: 70, #4: 74. Found magneto to engine timing was 25 BTDC. Installed (7) W100 Aeroshell - W100 Aeroshell, Installed (1) CH48110-1 - Oil Filter, Installed (8) M674 - Spark Plug Gasket.

I certify that this engine and components have been inspected, repaired and maintained in accordance with the manufacturer's data, guidance and Federal Aviation Regulations and is returned to service only for the work performed. Details of work performed are on file with Aviation Specialties under work order: WO 2021066.

Tracy Van Iwarden A&P with IA 3569644

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wo: WO 2022053



Aviation Specialties - 300 County Airport Rd., Hangar A - Vacaville, CA 95688 - 7074512860

N2894M

tach: 2806.6

Lycoming, O-320-D3G, S/N: L-13672-369A
TTSN: 2911.8 SMOH: 542.2

June 18, 2022

- 100 hour service and inspection IAW FAR 43 Appd. D checklist. warmed engine and drained oil, removed oil filter and found contents to be that of normal operation. Installed new oil filter and replenished oil sump. Cleaned and inspected all fuel screens. Removed spark plugs, cleaned, serviced, rotated, and installed back into engine. Performed compression test #1: 72, #2: 73, #3: 71, #4: 72. Found magneto to engine timing was 25 BTDC. Installed (7) P/N W100 Plus Aeroshell - W100 Plus Aeroshell, Installed P/N CH48110-1 - Oil Filter, Installed (8) P/N M674 - Spark Plug Gasket.

I certify that this engine and components have been inspected, repaired and maintained in accordance with the manufacturer's data, guidance and Federal Aviation Regulations and is returned to service only for the work performed. Details of work performed are on file with Aviation Specialties under work order: WO 2022053.

Tracy Van Iwarden A&P with IA 3569644