

ENGINE MAINTENANCE RECORDS



WESTERN
Skyways
INC.

Engines Are Our **ONLY** Business

21 CREATIVE PL. • MONTROSE, CO 81401
(970) 249-0232 • 800-575-9929 • FAX (970) 249-4155

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N 9121 Q

Engine Manufacturer _____

Model _____

Serial No. _____

Date installed on aircraft 3/9/2009

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☐ RIGHT

☐ LEFT

☒ FRONT

☐ REAR



WESTERN
Skyways
INC.

ENGINE WARRANTY TRANSFER REQUEST

Current Owners Name: _____

Phone: _____

Address: _____

Engine Model _____

Engine Serial: _____

Nubers of Hours Since Installed: _____

Date of Transfer: _____

New Owner's Name: _____

Phone: _____

Address: _____

Date Installed: _____

Aircraft Model/year _____

Signature of
Current Owner: _____

DATE

TACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED --
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**WESTERN**
Skyways
INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place
Montrose, CO 81401
www.westernskyways.com(800) 575-9929
(970) 249-0232
FAX: (970) 249-4155

800 575 9929

Engine Make: CONTINENTALModel: IO-520-BACBBSerial Number: 814291-RW/O No: 22487Date: 12/08/08Warranty Number: L8284Warranty Start Date: 12/08Crankshaft Serial No: N08GA076Cylinder Part Number: TIST71.2ACA

This engine and accessories listed below were overhauled to "Factory New Tolerances" per Overhaul Manual No: X30039A See back section for Airworthiness Directives and Service Bulletin compliance. This engine was run in a test cell. Total Previous Time: 1929.0 Hrs.

This engine meets requirements of CONTINENTAL SIL98-9A for 1700.0 Hour TBO.

The accessories listed below were new or overhauled and supplied with this engine:

Component	Part No.	Serial No.	Component	Part No.	Serial No.
L/H Mag:	10-349350-4	B139927FR	Vac Pump:	N/A.	N/A.
R/H Mag:	10-349350-5	F309721F	Wastegate:	N/A	N/A
Fuel Pump:	646212-16A1	F189518BR	Alt/Gen:	ALX9524	C090350
Inj/Carb:	631415A7	B238937RA	Controller:	N/A	N/A
Man Valve:	631427-2A9	B2089717RC	Controller::	N/A	N/A
Starter:	MCL-6501	A-92102	Fuel Limiter::	N/A	N/A
Turbo:	N/A	N/A	Gov Prop:	N/A	N/A
			Hyd Pump:	N/A	N/A
			Hyd Pump:	N/A	N/A

MAINTENANCE RELEASE

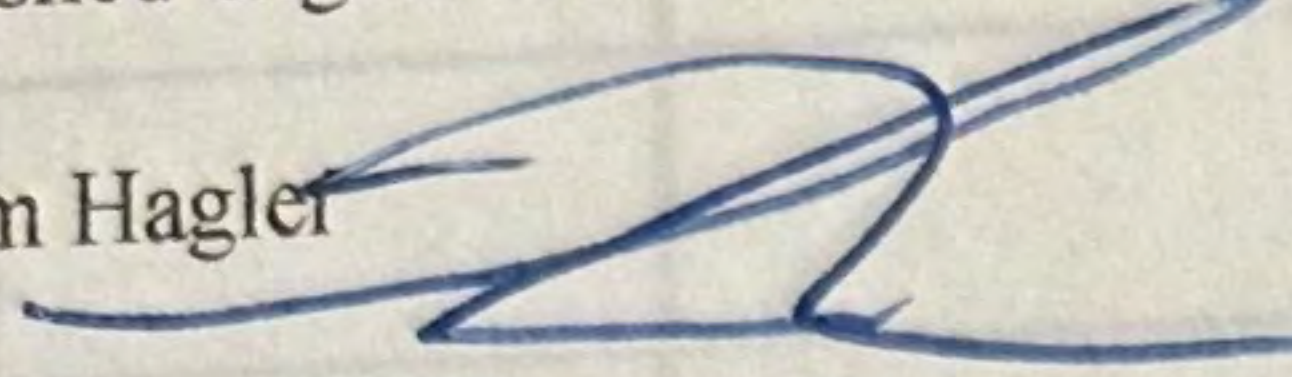
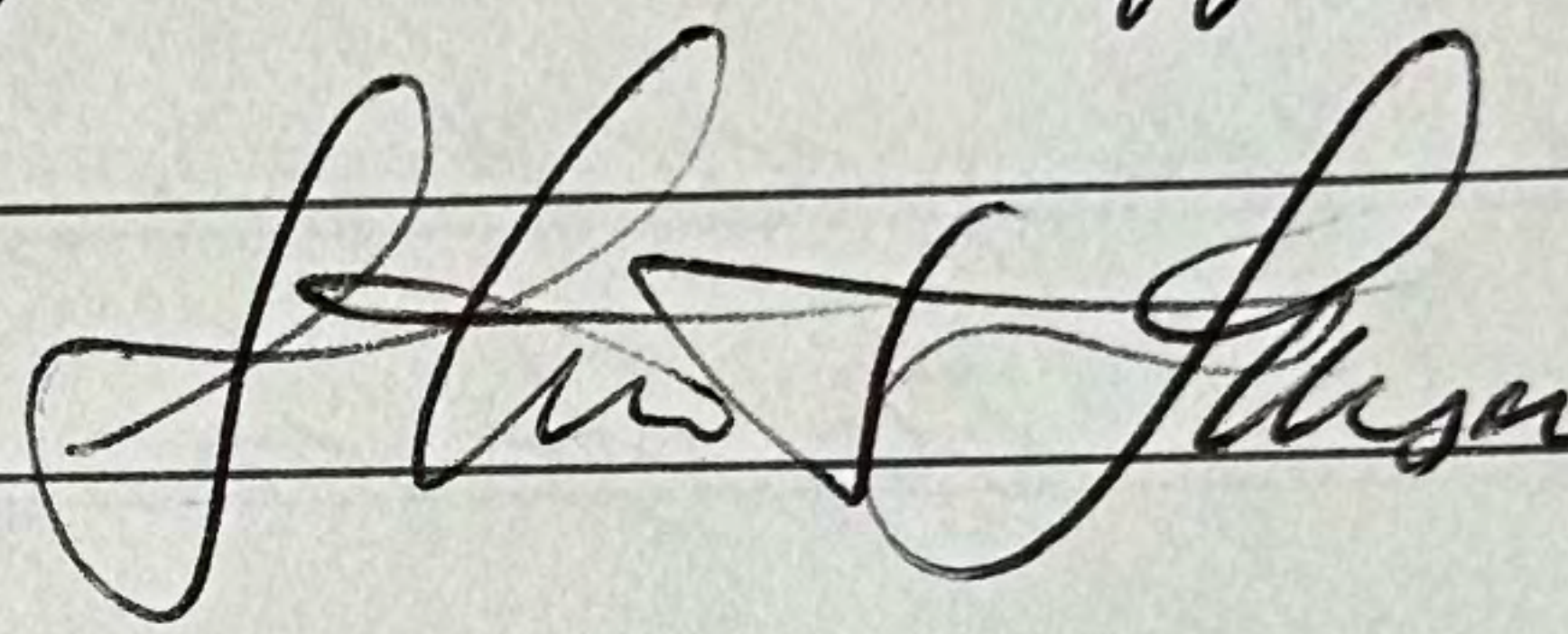
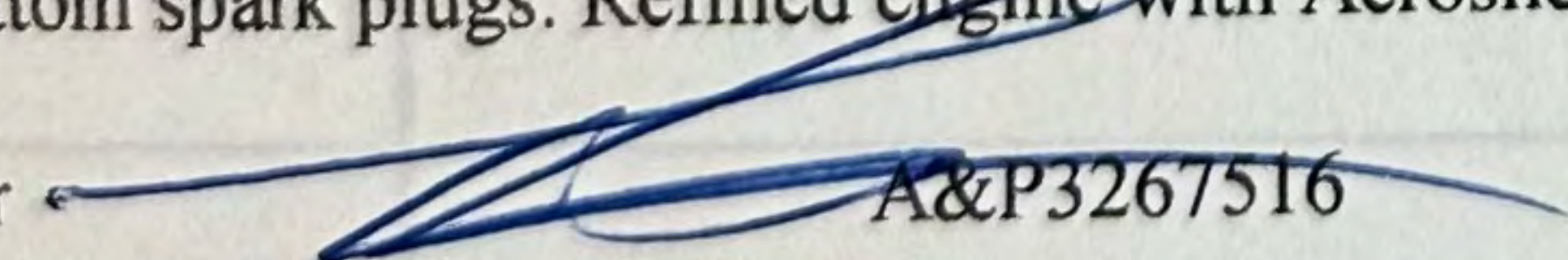
The engine and accessories listed above were overhauled and inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of this repair are on file at this Repair Station on above work order.

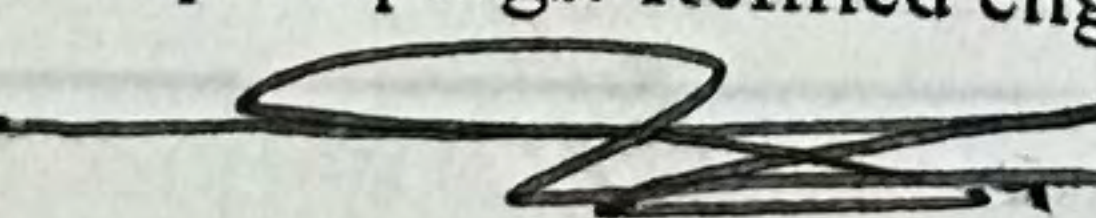
Form 200

Signature:

Repair Station No. WS9R575J

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK									
		1/18/2011 Tach 2556.0 Drained engine oil. Replaced oil filter. Cut open and inspected old filter. Serviced battery. Refilled engine with Phillips XC 20w50. Washed engine. Tom Hagler A&P3267516									
4/15/2011	2572.86 Tach	2105.06 Engine total time									
		Compression checked 1)79 2)74 3)79 4)79 5)79 6)79 Cleaned and gapped all sparkplugs. Chokeal trimming. Checked muffler. Cleaned fuel servo screen. Cleaned and oiled air filter. Performed operational checks <i>[Signature]</i> ASP557-80-1322 I certify that this <u>engine</u> has been inspected in accordance with <u>an annual</u> inspection and was determined to be in airworthy condition. Dated: <u>4/15/2011</u> Total time <u>2105.06</u> hrs. Signed: <i>[Signature]</i> Certificate No: <u>1 ASP557-80-1322</u> <tr> <td data-bbox="103 1378 282 1782"></td> <td data-bbox="282 1378 476 1782"></td> <td data-bbox="476 1378 2018 1782"></td> </tr> <tr> <td data-bbox="103 1782 282 2099"></td> <td data-bbox="282 1782 476 2099"></td> <td data-bbox="476 1782 2018 2099"> 6/15/2011 Tach 2584.0 Drained engine oil. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine Aeroshell 100+. Washed engine. Tom Hagler A&P3267516 </td> </tr> <tr> <td data-bbox="103 2099 282 2566"></td> <td data-bbox="282 2099 476 2566"></td> <td data-bbox="476 2099 2018 2566"> 6/15/2011 Tach 2613.4 Drained engine oil. Retained oil sample for analysis. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Phillips XC 20w50. Washed engine. Test ran. Tom Hagler A&P3267516 </td> </tr>						6/15/2011 Tach 2584.0 Drained engine oil. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine Aeroshell 100+. Washed engine. Tom Hagler A&P3267516			6/15/2011 Tach 2613.4 Drained engine oil. Retained oil sample for analysis. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Phillips XC 20w50. Washed engine. Test ran. Tom Hagler A&P3267516
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DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		10/15/2011 Tach 2643.6 Drained engine oil. Retained oil sample for analysis. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Phillips XC 20w50. Washed engine. Test ran. Tom Hagler  A&P3267516
4/29/2012	2654.97	Compression checked 1) 77 2) 78 3) 78 4) 77 5) 78 6) 79 Checked magnetos timing. Cleaned and gapped spark plugs Cleaned fuel servo inlet screen. Replaced LH muffler tailpipe. Checked for proper operation. Muffler pressure checked Replaced air filter.  Steve Plummer A&P3267516
		I certify that this <u>engine</u> has been inspected in accordance with <u>annual</u> inspection and was determined to be in airworthy condition. Dated: <u>4/29/2012</u> Total time <u>2654.97</u> hrs. Signed: <u>Steve Plummer</u> & <u>Tom Hagler</u> Certificate No: <u>A-551-80-1322</u>
		7/12/2012 Tach 2673.0 Drained engine oil. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Aeroshell 100w. Washed engine. Test ran. Tom Hagler  A&P3267516
		11/9/2012 Tach 2702.0 Drained engine oil. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Phillips XC 20w50. Washed engine. Test ran. Tom Hagler  A&P3267516

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
4/26/2013	2736.46	Tach 2268.66 Engine total time
		Compression checked 1) 79 2) 79 3) 78 4) 78 5) 79 6) 79 Magneto's adjusted to 22° B.T.C. Cleaned & gapped all spark plugs. Changed oil added Aeroshell 100W. Replaced oil filter. Cut and inspected old filter OK. Replaced R.H. muffler with P/N K 701-05 and installed new R.H. tailpipe K35-950005-9. Cleaned and serviced air filter element. Cleaned fuel injector servo screen. Performed operational checks and checked for leaks. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition - Steven F. Larson APP/IA 551-801322
		TABLE MOUNTAIN Restoration Flight Training Maintenance 10/23/2013 Tach 2761.0 Drained engine oil. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Phillips XC 20W50. Washed engine. Test ran. Tom Hagler  A&P3267516
		TABLE MOUNTAIN Restoration Flight Training Maintenance 4/2/2014 Tach 2791.4 Drained engine oil. Retained oil sample for analysis. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Aeroshell 100W. Washed engine. Test ran. Tom Hagler  A&P3267516

DESCRIPTION OF WORK PERFORMED --
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
6/4/2014	2795.08 TACH	2327.24 ETT Compression checked 1) 79 2) 79 3) 79 4) 78 5) 77 6) 79 Timing checked. Cleaned and gapped all spark plugs. Cleared and serviced air filter. Cleaned fuel injector nozzles Cleared fuel injector servo screen. Performed operational checks

Steven F. Law A&P3267516

I certify that this engine has been inspected in
accordance with annual inspection and
was determined to be in airworthy condition.
Dated: 6/4/2014 Total time 2327.2 hrs.
Signed: Steven F. Law
Certificate No: A&P3267516

TABLE MOUNTAIN
Restoration Flight Training Maintenance
10/31/2014 Tach 2823.0 Drained engine oil. Replaced oil filter. Cut open and inspected old filter.
Cleaned bottom spark plugs. Refilled engine with Phillips XC 20. Washed engine. Test ran.

Tom Hagler

A&P3267516

TABLE MOUNTAIN
Restoration Flight Training Maintenance
5/6/2015 Tach 2853.3 Drained engine oil. Retained oil sample for analysis. Replaced oil filter. Cut
open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Aeroshell 100W.
Washed engine. Test ran.

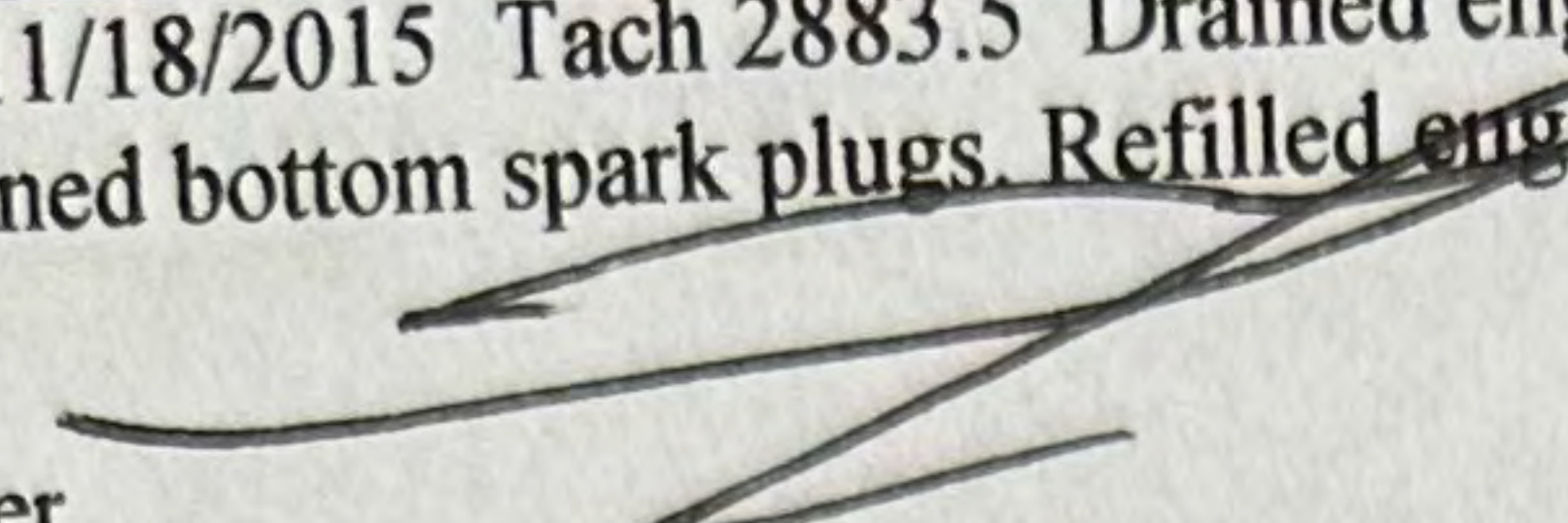
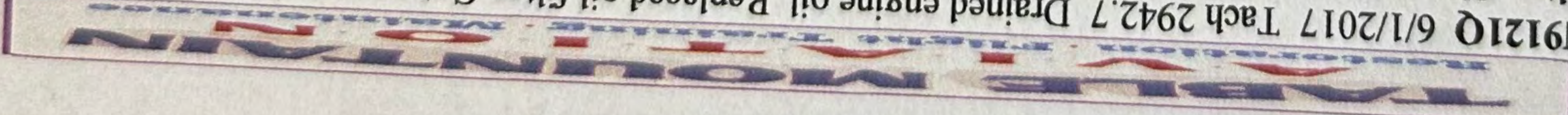
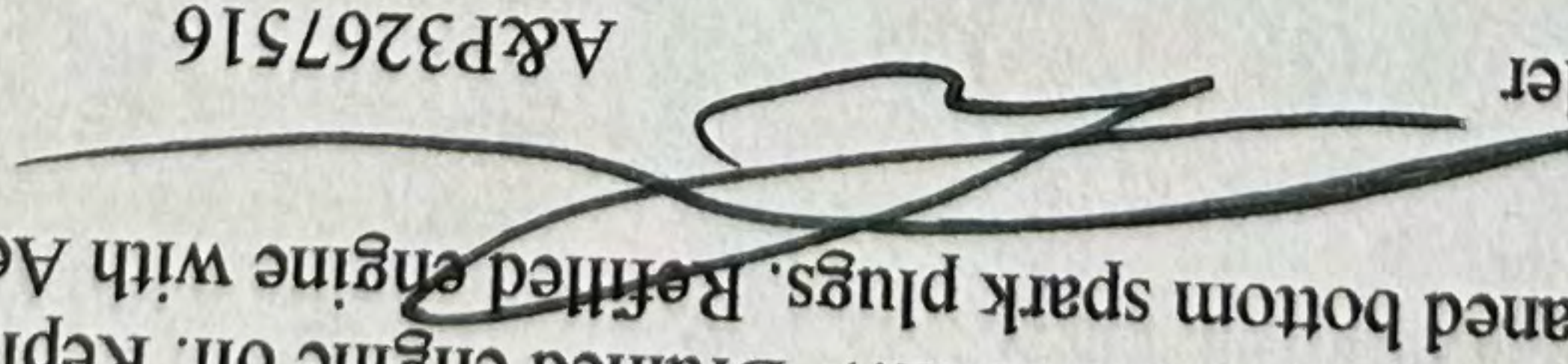
Tom Hagler

A&P3267516

7/17/2015	TACH 2861.32	464.52 SMOH 2398.52 ETT Compression checked 1) 78 2) 77 3) 79 4) 79 5) 77 6) 79 Cleaned and gapped spark plugs. Cleaned fuel injector servo screen. Magnetos SN F-309721 F-J B139927FR were reinstalled after 500hr inspection by S7HR883J. Mufflers inspected Air filter element cleaned and serviced. Performed operational checks.
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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: 7/17/2015 Total time 2398.52 hrs.
Signed: Steven F. Law
Certificate No: A&P3267516

Steven F. Law A&P3267516

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		 N9121Q 11/18/2015 Tach 2883.5 Drained engine oil. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Phillips XC 20w50. Washed engine. Test ran. Tom Hagler  A&P3267516
7/29/2016	2907.56 TACH	Enging TOTAL TIME 2439.76 510.2 SMITH Compressor checked 1) 78 2) 79 3) 78 4) 78 5) 79 6) 78 Timing adjusted P/H mag. Oil changed. Added 11 qts 100W Aeroshell. Replaced oil filter. Cut and inspected old filter OK. Took oil sample for analysis. Replaced 6 spark plugs. Alternator replaced with overhauled unit P/N ALX-9524 S/N H-Q61058. Serviced air filter element. Adjusted idle speed and mixture. Washed down engine and test ran for proper operation and to check for leaks. Steven F. Lauer A&P557801322
		I certify that this <u>Engine</u> has been inspected in accordance with <u>an annual</u> inspection and was determined to be in airworthy condition. Dated: <u>7/29/2016</u> Total time <u>2907.56</u> hrs. Signed: <u>Steven F. Lauer</u> Certificate No: <u>1A557-80-1322</u>
		 N9121Q 6/1/2017 Tach 2942.7 Drained engine oil. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Aeroshell 100W. Washed engine. Test ran. Tom Hagler  A&P3267516

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8/16/2017	2948.79	TACH 551.435 MOH 2480.99 ETT Compression checked 1) 77 2) 76 3) 77 4) 77 5) 76 6) 76 Spark plugs cleaned and gapped. Timing checked. The alternator was removed to check torque of alternator through bolts. Replaced springs and hardware attaching RH muffler to manifold. Pressure checked exhaust system. Cleaned and serviced air filter. Cleaned fuel injector servo screen. Test ran to check for leaks and proper operation. AD 2016-16-12 EC1 cylinders are 65385 and are to be replaced by 33968 TACH, 2929 Engine Total Steven F. Larson AIP 551-80-1322 I certify that this <u>Engine</u> has been inspected in accordance with <u>annual</u> inspection and was determined to be in airworthy condition. Dated: 8/16/2017 Total time 2480.99 hrs. Signed: <u>Steven F. Larson</u> Certificate No: <u>LA 551-80-1322</u>

TABLE MOUNTAIN
AVIATION
 Association - Flight Training Maintenance
 N9121Q 1/10/2018 Tach 2972.5 Drained engine oil. Retained sample for analysis. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Phillips XC 20w50. Test ran.

Tom Hagler

A&P3267516

9/7/2018 TACH 2995.44 598.08 SMOH 2527.64 ETT
 Compression checked 1) 77 2) 76 3) 76 4) 71 5) 79 6) 78
 Changed oil. Added 10 qts 20x50 Phillips XC. Oil filter replaced. Old filter cut and inspected OK. Cleaned fuel injector servo screen. Pressure checked exhaust system RH side. Cleaned and serviced air filter. Engine washed down, test run for proper operation and to check for leaks. Cleaned and gapped spark plugs. Checked magneto timing.
 Steven F. Larson AIP 551-80-1322

Page No. _____		
DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		I certify that this <u>Engine</u> has been inspected in accordance with <u>an annual</u> inspection and was determined to be in airworthy condition.
		Dated: <u>9/7/2018</u> Total time <u>2527.64</u> hrs.
		Signed: <u>[Signature]</u>
		Certificate No: <u>14551-80-1322</u>

N9121Q 7/3/2019 Tach 3029.0 Drained engine oil. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Aeroshell W100.

Tom Hagler

10-22-19 3040.6 SMOH 643.24 ETT 2572.8
COMPRESSION CHECKED ① ⁷³/₈₀ ② ⁷²/₈₀ ③ ⁷⁰/₈₀ ④ ⁷⁰/₈₀ ⑤ ⁷⁴/₈₀ ⑥ ⁷⁴/₈₀ CLEANED FUEL INS. SERVO
SCREEN, PRESSURE TEST EXHAUST SYSTEM, CLEAN AND GAP ⑥ SPARK PLUGS, R & R ⑥ SPARK PLUGS W/
NEW TEMPEST P# URHB32E, CHECKED MAGNETO TIMING, BOTH @ 22° BTDC, R & R AIR FILTER W/
NEW BRACKET P# BA-7210, R & R #2 CYL. INT. TUBE ^{w/ NEW GASKET} FOR ACCESS TO OIL TEMP SENSOR, TIGHTEN
& RE-SAFETY, R & R L/H MUFFLER W/ NEW KNISLEY P# K 701-04 \$ # 273352, R & R P 3659011

10/22/2019	3040.6	Total time engine 2572.87	643.31 smott
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I certify that this engine has been inspected
in accordance with an annual inspection
was determined to be in airworthy condition.
Dated: 10/22/2019 Total time: 2572.8
Signed: Steven J. Jansen
Certificate No: 1A 551-80-1322

N9121Q 6/26/2020 Tach 3060.0 Drained engine oil. Replaced oil filter. Cut open and inspected old filter. Cleaned bottom spark plugs. Refilled engine with Phillips XC 20w50. Washed and test ran.

Tom Hagler

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
11-25-2020	3067.4	SMOH 670.04 ETI 2599.6 COMPRESSION CHECKED ① $\frac{74}{80}$ ② $\frac{74}{80}$ ③ $\frac{73}{80}$ ④ $\frac{74}{80}$ ⑤ $\frac{73}{80}$ ⑥ $\frac{75}{80}$, CLEANED FUEL INJ. SERVO SCREEN, CLEAN & GAP SPARK PLUGS, CHECK MAG TIMING, R&R R/H MUFFLER/TAIL PIPE, RE-CLOCK FLAT ON TAIL PIPE FOR CLEARANCE WITH NEW HARDWARE, PRESSURE CHECK EXHAUST, SOLVENT WASH ENG, GROUND RUN TO CHECK FOR LEAKS & PROPER OPERATION - <u>Kurt Dutcher A&P 3659011</u>
Dec 1, 2020		I certify that this <u>engine</u> has been inspected in accordance with <u>an annual</u> inspection and was determined to be in airworthy condition. Dated: <u>12/1/2020</u> Total time <u>2599.6</u> hrs. Signed: <u>Steven F. Jaurer</u> Certificate No: <u>1A 551-80-1325</u> <u>Tach 3067.4</u>
2022 1-8	3095.6	TOTAL 2627.8, SMOH 698.24 Changed oil with Phillips x20W50. Replaced oil Filter and cut open old Filter for inspection. Clean Fuel Screens, Check compression And mag Timing, #1 $\frac{73}{80}$ #2 $\frac{74}{80}$ #3 $\frac{72}{80}$ #4 $\frac{72}{80}$ #5 $\frac{76}{80}$ #6 $\frac{75}{80}$ Clean And Gap Spark Plugs. Solvent wash engine Lube engine controls And Check Rigging. engine Test Run Performed OK This Date <u>J. Bond</u> <u>A&P 356335235</u>
		CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100 hr/annual</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION DATE <u>1-8-2022</u> TOTAL TIME <u>2627.8</u> <u>A&P 356335235</u>

DESCRIPTION OF WORK PERFORMED --
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE
2023

TACH OR
RECORDING
METER
TIME

2/12/23 3112.7

TOTAL 2644.9 SMOH 715.3

check compression #1.72/80 #2.72/80 #3.74/80

#4.75/80 #5.75/80 #6.77/80 (cold cylinders) check

mag timing, clean fuel screens and fuel

nozzles, spark plugs cleaned and gap checked

solvent wash engine and test run performed ok

this date

I CERTIFY THAT THIS engine
HAS BEEN INSPECTED IN ACCORDANCE
WITH AN ICC/AMM/INSPECTION AND
WAS FOUND TO BE IN AIRWORTHY
CONDITION

J. B. O.
AP556335235

2/12/23 TOTAL TIME 2644.9
AP556335235
J. B. O.

2023

10/24

3129

changed oil with 12QT Phillips x20W50

Replaced oil filter and cut open old

filter for inspection, solvent wash engine

lube engine controls as needed, test run

performed ok this date

J. B. O. AP556335235

2024

3132.0

TOTAL 2664.2 SMOH 734.6

4/14

check compression #1.70/80 #2.71/80 #3.72/80 #4.73/80

#5.72/80 #6.75/80 check mag timing, repair mag & lead

wiring, clean fuel screens, clean fuel nozzles

clean spark plugs as needed, repair right side

exhaust clamp and bracket Assy. tightened

knob/roller attach hardware, tightened intake hose

clamps, solvent wash engine, lube engine controls

as needed, test run performed ok this date

J. B. O. AP556335235

I CERTIFY THAT THIS engine
HAS BEEN INSPECTED IN ACCORDANCE
WITH AN ICC/AMM/INSPECTION AND
WAS FOUND TO BE IN AIRWORTHY
CONDITION

DATE 4-14-24 TOTAL TIME 2664.2
AP556335235

J. B. O.

DATE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED -- SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
2025 4-1	3147.4	TOTAL 2679.6 SMOW 750.0 changed oil with 12qt Phillips XC 20W50 SOWT Replaced oil Filter Champion CH48108-1, cut open old Filter for inspection of Filter element check mag timing, clean lower SPARK Plugs check compression #1. 73/80 #2. 75/80 #3. 75/80 #4. 76/80 #5. 74/80 #6. 76/80 (cold) clean Fuel screens install new Brackett Air Filter element, insp. Air. Air Door Assy. Reinstall 3" SCAT Hose for Cabin Heat Ducting. Solvent wash engine, Lube engine controls with LPS.2, Test Run Performed ok This Date <i>[Signature]</i> AP55633525 I CERTIFY THAT THIS <u>engine</u> WAS BEEN INSPECTED IN ACCORDANCE WITH AN ICC/Annual INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION DATE 4-1-25 TOTAL TIME 2679.6 AIP/IA 55633525 <i>[Signature]</i>