

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19__				

REMANUFACTURED ZERO TIME ENGINE CERTIFICATE

This is to certify that the engine as described hereafter has been run-in and tested as prescribed by AVCO Lycoming Specifications and Federal Aviation Regulations. No further run-in after installation is required. All applicable Airworthiness Directives and factory Bulletins complied with at time of remanufacture.

Model 0-320-E2A Serial No. L-18266-27A

Date Shipped June 25, 19 69

Authorized representative *John J. ...*

AVCO LYCOMING DIVISION — WILLIAMSPORT, PA. 17701
 AVCO Lycoming Factory Service Department
 Form No. 776-C

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Aug. 31 70 total time "O" Tach Reads 9168.0, This engine Serial # 1-18266-277B installed on Piper PA-28-140 serial # 28-22132 Registered N9568R
				WORK ORDER NO. <u>2470</u>
				DATE <u>Aug 31 70</u>
				SIGNED <u>Shirley W. Morris</u>
				FAA APPROVED REPAIR
				STATION NO. 4915
				AERO ASSOCIATES
				JEFFCO AIRPORT
				BRIDGEMFIELD, COLO.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				I CERTIFY THAT THIS Inspection <u>Inspection</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr.</u> INSPECTION AND FOUND AIRWORTHY.
DATE	Aug. 31, 70			DATE <u>Sept. 30, 70</u>
TOTAL TIME	Tach 2168.07			TOTAL TIME <u>94.89 Tach Reads 2262.96</u>
A. D. COMPLIANCE				A. D. COMPLIANCE <u>Inspected prev matter</u>
THRU	70-19			THRU <u>ch. 70-16-5</u>
<p><i>Philip W. Morris</i> PHILIP W. MORRIS CHIEF INSPECTOR AERO ASSOCIATES JEFFCO AIRPORT BROOMFIELD, COLO. FAA APPROVED REPAIR STATION</p>				
<p><i>Philip W. Morris</i> PHILIP W. MORRIS CHIEF INSPECTOR AERO ASSOCIATES JEFFCO AIRPORT BROOMFIELD, COLO. FAA APPROVED REPAIR STATION</p>				

No. 4915

No. 4915

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-	14-76	Tach	Time	<p>2367.0 Oil changed. Filter changed. Plugs cleaned. Magns retimed.</p> <p>I CERTIFY THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND FOUND AIRWORTHY.</p> <p><u>[Signature]</u> (SIGNATURE) INSPECTION AUTHORIZATION A & P 1373845</p>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-15-71	Tach	Time	2463.0	
1-29-71	Tach	Time	2458.6	Rebuilt alternator installed. Voltage check OK. AD 70-16.5 p/w A. El J


 (SIGNATURE)
 INSPECTION AUTHORIZATION
 A & P 1373845

I CERTIFY THIS Engine HAS BEEN
 INSPECTED IN ACCORDANCE WITH A 100%
 INSPECTION AND FOUND AIRWORTHY.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
				SIGNED <u>[Signature]</u>
				A & P <u>1004475</u>
				TACK TIME <u>256 (596)</u>
				TOTAL TIME <u>2-2-71</u>
				DATE <u>2-2-71</u>

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
4-13-71		Tach	Time	<p>2656.0 Engine washed down, Compression check good. Oil & Filter changed. Plugs cleaned, Left mag points reset & both mags retimed.</p> <p>I CERTIFY THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annua</u> INSPECTION AND FOUND AIRWORTHY.</p> <p> (SIGNATURE) INSPECTION AUTHORIZATION A & P 1373845</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
		Jeffco Airport		CHANGED OIL
		Broomfield, Colorado	80020	ADD FILTER.
		FAA Repair Station 4031		ADDED 8 QTS AERO-
		Date	25 NOV 71	W.O. # 2199
		I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A.1001 HAS INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
		Tach/Hour Meter	2853.64	T. Airframe
		T.T. S.O. Powerplant (s): (#1)	685	59
		(#2)	(#3)	(#4)
		 Authorized Signature		
		Certificate Number & Rating A4101490944 JA		

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
oil	changed	2954580		AIRCRAFTCO SERVICES, INC. Jetco Airport Broomfield, Colorado 80020 FAA Repair Station 403-1 Date <u>10-13-71</u> W.O. # <u>2308</u> I CERTIFY THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR.</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Tach/Hours Meters <u>295407</u> T.T. Airframe <u>295407</u> T.T. S.O. Powerplant (s): (#1) <u>786,00</u> (#2) (#3) (#4) _____ Authorized Signature _____ <u>2034246</u> Certificate Number & Rating
Filter	changed			
Compression				
1. 2/50	2. 3/90	3. 3/80	4. 3/80	

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12-	23-71	Tach	Time	<p>3051.0 New battery plugs installed, Oil & filter changed. Compression check good. Muffler inspected. Mag timing checked.</p> <p>I CERTIFY THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u>, INSPECTION AND FOUND AIRWORTHY.</p> <p><u>A. S. J.</u> (SIGNATURE) INSPECTION AUTHORIZATION A & P 1373845</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1994				<p>ALTERNATOR (and V/R - Honda), 8 NEW SPARK PLUGS REM 40E, L+R MAGS (BOTH ^{EA.}) NEW COILS AND CAPACITORS (DESC. COIL 4893 P/N ES 10-357164-1/ DESC CAPICATDR. 9341 P/N ES 10-51676) NEW IGNITION (FAB-4-5000P-320) (FAB 320, FILTERED) HARNESS, VAN GARDNER AIR INDUCTION SYSTEM w/FILTER (AND KIT SPINNER) (SN 28884K) SENSENICH PROP. 70CM 7516-D 179" (SN 28884K) PITCH - WITH 7/16" BOLTS, LEWIS CROSSWEAL TAPSOLE SYSTEM, NEW SIGMA TECH VACUUM PUMP # 78139E, NEW VAN'S COOLING BAFFLE KIT # BAF-4-320, NEW GASOLATOR GASKETS AND "D" RING, CABIN AIR/HEAT SELECTOR BOX - VENT DL-01 CARB HEAT/CABINHEAT MUFFE DL-02, CHG. CARB VENTURI- 46-FID/MIXTURE VALVE 242-514/GASKET 16-B75/NEW</p>

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
19 <u>9/4/95</u>				
FEB 95				
AUG 95	000.0	NEW TACH.		METAL FLAT, RESULT FUEL PUMP - NEW TACH (OLD STRIPPED SEALS) JOSH TOTAL OVERHAUL OF BOTH MAGS EVERYTHING CHANGED OUT (WEND) EVEN THE BEARINGS. ← THE TWO CAPACITORS WERE CHANGED OUT EARLIER - SEE OPPOSITE PAGE.
MAY 95	20.3			1/4G 1 QTS OIL AEROSHELL 15W-50 / FILTER CN 48110.
MAR 96	40.2			CLEANED + CH'D SPARK-PLUGS. 1/2 QTS AEROSHELL 15W50 / CN 48110
APR 97	98.0			CHG. OIL 1/2 QTS. AEROSHELL W/ 15W-50 SEMI SYNTHETIC + CHAMPION CN 48110 FILTER
APR 98	129.2			CLEANED PLUGS / 1/2 QTS AEROSHELL 15W-50 / CN 48110 - CLEANED GAS COILATOR.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/14/00	170.1			Removed cylinders, cross hatched, lapped Valves replaced exhaust studs on #3, reinstalled using new pistons & pins, Superior PMA part # SL 75089 & SL 13444-1 Installed new chrome rings in #1 #3 #4. Installed ECI rings in #2 cermacrome cylinder. Welded crack in R/H exhaust stack. Repaired Throttle linkage. Run up + leak check satisfactory.
2/15/00	170.1			CLEANED RUGS - OTC OIL - PHILIPS BREAK-IN, 70 MINERAL - CHAMPION FUTURE 48110.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
16 FEB 00	1120.1			ENGINE NOW UPGRADED TO 160HP WITH STE FOR HIGHER COMPRESSION PISTONS.
				Install engine part # 2504703
3 MAR 00	1120.0			INSTALLED A NEW LANDOLL HARMONIC DAMPER AND AEROBATIC ATTACH PLATE TO FLYWHEEL. SHOP REDBUDKY, NEWCASTLE ON 73065 (405-392-3847) MM/405-685-0239 OWNER
				Install engine part # 2504703/BUJDED/REPAIRMAN
4 JUL 02				REMOVED HARMONIC DAMPER
JUL 02	200			oil CHANGE AEROSHELL - FILTER 48110 + CLEANED AIR FILTER - CLEANED + SWAPPED SPARK PLUGS

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2003/04				CHANGED BARELLING GASKET TO ORANGE HI TEMP RUBBER.
2003				CLEANED FUEL GASOLATEE AND INSPECTED GASKETS. NO TRASH - CLEAN.

Hangar 64 MX

TACH: 246.1

Var's RV-4
S/N 622ES

N622KS

TTAF: 246.1

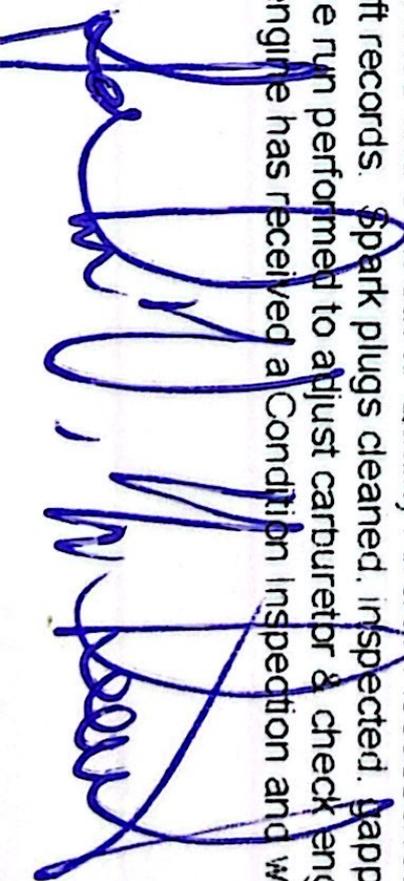
Lycoming O-320-E2A
S/N L-18266-27A

Engine

22 July 2019

Engine inspected IAW scope of 14 CFR Part 43, Appendix D, using Lycoming data as a guide. Aircraft in long term storage before sale to new owner. AD compliance checked through ATP Hub, Rev 07/27/2019. Report provided to owner. **AD2004-10-14C** PCW during reman, due at next OH or in event of prop strike, whichever occurs first. **AD98-02-08** PCW by inspection - no defects, next due 06/30/2022. **AD2005-12-06** CW by replacement of impulse coupling during magneto OH, next due at Tach 746.1 hrs. Cylinder comps (cold) #1: 76/80. #2: 76/80. #3: 74/80. #4: 72/80. Engine oil drained & filter replaced. 8 qts AeroShell W100 Plus added. Replaced all valve cover gaskets, replaced alternator belt, replaced vacuum pump. Secured exhaust pipes with new shock brackets. Removed & replaced carburetor with OH'd unit - FAA Form 8130-3 placed in aircraft records. Removed both magnetos and sent out to Quality Aircraft Accessories for 500 hr check up - FAA Form 8130-3's placed in aircraft records. Spark plugs cleaned, inspected, gapped and reinstalled. Magnetos timed to engine & engine run performed to adjust carburetor & check engine control rigging. Ops check - Good. I certify that this engine has received a Condition Inspection and was found to be in a condition for safe operation.

John V. White A&P 3035433



DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/20/20 2019				
11/15	288.8			COMPLETED OIL CHANGE USING 8 QTS OF AEROSHELL 100+ AND CHAMPION OIL FILTER # CH48110-1 IAW AC 43-9C. ENGINE RUN UP NO LEAKS. MICHAEL BEAVERS ATP 2878849 NEXT OIL CHANGE AT 323.8
4/3/20	328.8			COMPLETED OIL CHANGE WITH 8 QTS OF AEROSHELL 100+ & CHAMPION OIL FILTER # CH481001 IAW AC43-9C ENGINE RUNUP - NO LEAKS DETECTED MICHAEL BEAVERS NEXT CHANGE @ 353.8 ATP 2878849

Hangar 64 MX

TACH: 351.9

Van's RV-4
S/N 622ES

N622KS

TTAF: 351.9

Lycoming O-320-E2A
S/N L-18266-27A

Engine

20 July 2020

Engine inspected IAW scope of 14 CFR Part 43, Appendix D, using Lycoming data as a guide. AD compliance checked through ATP Hub, Rev 07/20/2020 & report provided to owner. **AD2004-10-14C** PCW during reman, due at next OH or in event of prop strike, whichever occurs first. **AD98-02-08** PCW by inspection - no defects, next due 06/30/2022. **AD2005-12-06** PCW by magneto OH, next due at Tach 746.1 hrs. Cylinder compressions (cold) **#1**: 72/80, **#2**: 79/80, **#3**: 68/80, **#4**: 68/80. Engine oil drained & filter replaced, 8 qts AeroShell W100 Plus added. Replaced spark plugs with new Tempest UREM-40Es. Removed single CHT probe on #3 cylinder & installed new sensors on #3 & #4. Connected to new dual CHT guage. Magneto timing checked & adjusted. Fuel strainer opened & cleaned. I certify that this engine has received a Condition Inspection and was found to be in a condition for safe operation.

John V. White, A&P 3035433



N622KS

RV-4

DATE 09/23/2020

S/N L-18266-27A

TACH TIME :369.4

AIRFRAME

Removed and replaced starter s/n off unknown s/n on H-T080323. Work was accomplished per Lycoming service manual ops cks good.



THOMAS ANDERSON 27408012 A&P

COMPLETED OIL CHANGE WITH 6QTS OF PHILLIPS	
+ 9.60Z CRAMGUARD + OIL FILTER TEMPEST RA4810-2	
ENGINE RUMP - NO LEAKS DETECTED	Leam
NEXT CHANGE @ 418.3	CPL 40

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/06/20	418.9			COMPLETED OIL CHANGE WITH 6QTS OF PHILLIPS XC 20W50 +9.602 CAMGUARD + OIL FILTER TEMPEST AA4810-2 1RW RC43-9C ENGINE RUNUP - NO LEAKS DETECTED. NEXT CHANGE @ 443.9. Leeward Inyauy CPL 4051739
03/06/21	448.3			COMPLETED OIL CHANGE WITH 6QTS OF PHILLIPS XC 20W50 +9.602 CAMGUARD + OIL FILTER TEMPEST AA4810-2 1RW RC43-9C ENGINE RUNUP - NO LEAKS DETECTED. NEXT CHANGE @ 473.3. Leeward Inyauy CPL 4051739
06/19/21	481.8			COMPLETED OIL CHANGE WITH 6QTS OF PHILLIPS XC 20W50 +9.602 CAMGUARD + OIL FILTER TEMPEST AA4810-2 1RW RC43-9C ENGINE RUNUP - NO LEAKS DETECTED. NEXT CHANGE @ 506.8 Leeward Inyauy CPL 4051739

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	07/22/2021		Tach Time-0501.1	Total Time in service- 1404.9
				Conditional inspection completed. Compression test #1- 74, #2- 79, #3- 73, & #4- 73. Cleaned and regapped all plugs. Installed new spark plug in #4 top position. Cleaned, oiled and reinstalled air filter element. I certify that this engine has been inspected IAW a Conditional inspection and was found to be in airworthy condition.
	Richard B Thorne			A&P/IA 2749268
08/21/21	515.0			COMPLETED OIL CHANGE WITH 6QTS OF PHILLIPS XC 20W50
				+9.6 OZ CANGUARD + OIL FILTER TEMPEST RA 48110-2 IAW FC43-9C
				ENGINE RUNUP - NO LEAKS DETECTED. NEXT CHANGE @ 540.0
				Leeward Inrgang CPL 405 1739

Van's RV-4
S/N 622ES
1446.2
Lycoming O-320-E2A
S/N L-18266-27A
April 28 2022

N622KS
Engine

TACH 542.4
Total time in service

Condition Inspection completed. Compression test #1-76, #2-78, #3-76, #4-78. Cleaned and checked all plugs. Cleaned, oiled and reinstalled air filter element.
I certify that this engine been inspected IAW a Conditional Inspection and was found to be in a condition for safe operation.

Brent Onstott A&P Pending



DATE 2022 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
18 Sep	5533.3		1457.1	<p>Removed oil and filter, cut and inspected filter. No abnormalities noted. Installed new Tempert 110 filter and serviced w/ 6 quarts deroshell 2W100 Plus. Safety wire filter, run up & checked for leaks; none noted. BK Johnson [Signature] PPL# 4315152</p>
30 MAR 23	581.3		1485.1	<p>Removed oil & filter. Cut & inspected filter. High level of carbon deposits and one ferrous-like flake noted. Installed new Tempert 110 filter & serviced w/ 6 Quanta derosshell 2W100 Plus. Safety wire filter, run up & checked for leaks; none noted. BK JOHNSON [Signature] PPL# 4315152</p>

DATE 2023 12/9	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/9/23	0.0		1512.8	<p>See airframe log entry same day. Installed engine monitoring probes from DMA/Karlics/Johnson, incl O₂ temp, Oil pressure, CHT x4, EGT x4, fuel flow, RPM (hall effect), Battery + alternator (KEY100 hall effect current sensor).</p> <p>Installed seat tube + heat wulff for cabin air heater. exhaust found to be loose on right side. Secured. Rebraked carb heat control cable and isolated from interference.</p> <p>Removed oil & filter. Installed safety wind row Tempert 110 filter. cut old filter & completed. NOAM noted. Secured w/ FOTS Aeroshell 1100. JJK/END</p>

BK Johnson PPL 4315/54

DATE
2023
12

12/9/23

12/12/2023

DATE 2023 #	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
12/19/23	0.0		1512.8	Run up engine scheduled for leads. None noted.
12/12/2024	3.2		1516.0	See airframe log same day. Replaced starter with NEW Slog-tee 12V High Torque starter PPL and BK Johnson PPL 4315152