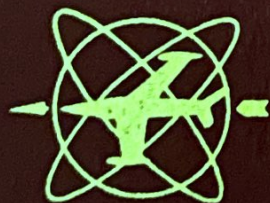


The Standard
ENGINE LOG



ASA-SE-2

12⁹⁵

YEAR _____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Lycon Inc
5117 E Roadrunner Dr
Mesa Az 85215

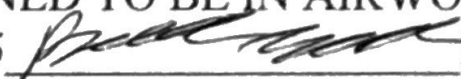
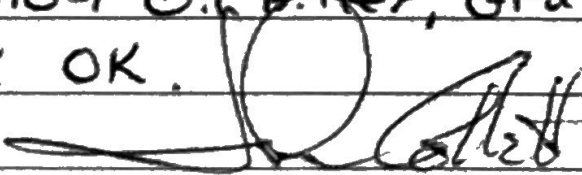
Invoice#101403-HV Date:10-14-2003 0-470-50 s/n 532118

The aircraft engine identified above was overhauled and inspected
In accordance with current Federal Aviation Regulations and was
Found airworthy for return to service. Pertinent details of the work
Performed are at the back of this log book.

TT 2979.0

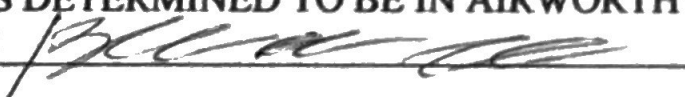
L. Switzer

L.Switzer FAA Number 1883745

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				DATE 04/01/2004 TACH TIME 2897.6 TOTAL TIME IN SERVICE 3003.9 TSMOH 24.9 PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43. APPENDIX D AND CHECK LIST . COMPRESSION TEST 1,80/76 2, 80/73 3,80/77 4.80/74 5,80/75 6,80/75 .CHANGED OIL &FILTER 12 QTS PHILLIPS 20/50 X/C 1 CHAMPION CH 48110 OIL FILTER. CLEANED & GAPPED SPARK PLUGS C/W AD 96/12/22 OILFILTER ADAPTER INSPECTION. MAGNETO TIMING CHECK WITH IN LIMITS. ADS CHECKED THRU 2004/06. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AN WAS DETERMINED TO BE IN AIRWORTHY CONDITION BODE W.ZIETZ III A&P 521235645  END
2/04	Tach	2950.0		Changed Oil + Filter, Serviced with Phillips X/C 20w 50 + Champion 48110-1 Oil Filter, Grd Run OK, Filter CK OK.  A&P 1530026

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				DATE 11/01/2005 TACH TIME 2987.8 CHANGED OIL & FILTER 12 QTS PHILLIPS 20W 50 X/C & 1 CHAMPION CH 48110-1 OILFILTER , BA 8103/1 AIR FILTER GROUND RUN LEAK CHECK NONE . BODE W.ZIETZ A&P 521235645 <i>[Signature]</i> END XXXXXXXXXXXXXXXX
12-13-05	Tach-3013.7			Installed EZ Heat oil pan Heater per EZ Heat Instructions o/s checked <i>[Signature]</i> IA524022841

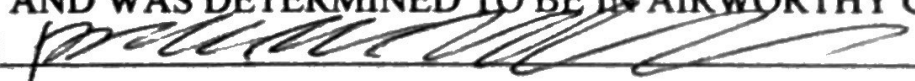
[illegible]

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				DATE 09/14/2007 TACH TIME 3163.7 TIME SINCE MSJOR OVERHAUL 291.0 TOTAL TIME IN SERVICE 3273.0 . PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D AND CHECKLIST.PERFORMED COMPRESSION TEST #1 80/79 #2 80/75 #3 80/69 #4 80/72 #5 80/72 #6 80/75 . CHANGED OIL & FILTER 12 QTS PHILLIPS 20W50 X/C OIL & CHAMPION CH 48110-1 OIL FILTER . CLEANED & GAPPED SPARK PLUGS NEW GASKETS . CLEANED PRIMER NOZZLES. MAGNETO INSPECTION INSTALLED NEW POINTS,CONDENSER'S , BEARINGS & OIL SEAL'S PER SLICK MAGNETO OVERHAUL MANUAL . MAGNETO'S INTERNALLY TIMED & TO ENGINE PER CONTINENTAL OVERHAUL MANUAL.. INSTALLED NEW OIL COOLER GASKET'S. INSTALLED NEW TACH SHAFT SEAL& GASKET. AD'S CHECKED THRU 2007/18 AD COMPLIANCE LIST IN RECORD'S INSPECTED &LUBED ENGINE CONTROL'S. PERFORMED ENGINE GROUND RUN & LEAK CHECK . I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AN WAS DETERMINED TO BE IN AIRWORTHY CONDITION. BODE W. ZIETZ III A&P 3029338  XXXXXX
				DATE 06/20/2008 N100CA TACH TIME 3220.8 CHANGED OIL & FILTER 12 QTS PHILLIPS 20W50 X/C OIL & CHAMPION CH48110-1 OIL FILTER. ENGINE GROUND RUN INSPECTION PERFORMED. BODE W ZIETZ A&P 3029338.  END

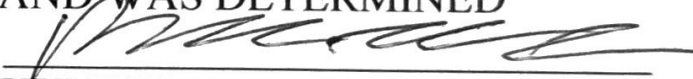
YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N100CA DATE 11/12/2008 TACH TIME 3241.1 TOTAL TIME IN SERVICE 3350.3 TIME SINCE MAJOR OVERHAUL 368.3 . PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D AND CHECKLIST .PERFORMED COMPRESSION TEST . #1 80/69 #2 80/72 #3 80/10 #4 80/71 #5 80/70 #6 80/68 . R&R #3 CYLINDER ASSEMBLY SERVICABLE CYLINDER REPAIRED BY J&J AIRPARTS WO # JJI62320 DATED 11/05/2008 . INSTALLED NEW RINGS & GASKET KIT IN ACCORDANCE WITH TELEDYNE CONTINENTAL 0470 & 520 MANUALS. CHANGED OIL & FILTER 12 QTS PHILLIPS 20W50 X/C OIL & CHAMPION CH48110-1 OIL FILTER . CLEANED & GAPPED SPARKPLUGS . MAGNETO TIMMING CHECKED . CLEANED PRIMER NOZZLES. LUBED ENGINE CONTROLS. ENGINE GROUND RUN LEAK CHECK PERFORMED . AD'S CHECKED THRU 2008/22 . COMPLIANCE LIST . IN RECORD'S . I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION . BODE W ZIETZ III A&P3029338  END

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

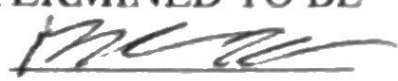
DATE 01/15/2010 N100CA TACH TIME 3324.6 TOTAL TIME IN SERVICE 3433.8 TIME SINCE
 MAJOR OVERHAUL 451.8 . PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH
 FAR 43 APPENDIX D AND CHECKLIST . PERFORMED COMPRESSION TEST # 1 80/70
 # 2 80/71 # 3 80/75 # 4 80/72 # 5 80/72 # 6 80/70 . CHANGED OIL & FILTER 12 QUARTS
 PHILLIPS 20W50 X/C OIL & CHAMPION CH48110-1 OIL FILTER .CHANGED AIR FILTER
 ELEMENT .PART NUMBER (BA 8103-1) INSPECTED IGNITION SYSTEM . MAGNETO
 TIMING CHECKED NEXT 500 HOUR INSPECTION TACH TIME 3663.7 . CLEANED & GAPPED
 SPARK PLUGS INSTALLED NEW CHAMPION M-674 GASKETS . CLEANED PRIMER
 NOZZLES . LUBED ENGINE CONTROLS CLEANED ENGINE . AD'S CHECKED THRU
 2009/26 COMPLIANCE LIST IN RECORD'S . ENGINE GROUND RUN LEAK INSPECTION
 PERFORMED . I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE
 WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
 BODE W. ZIETZ III A&P 3029338  END

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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N100CA DATE 04/06/2011 TACH TIME 3344.2 TOTAL TIME IN SERVICE 3453.4 TIME SINCE MAJOR
 OVERHAUL 491.0 PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH FAR 43 APPENDIX D
 AND CHECKLIST . PERFORMED COMPRESSION TEST CYLINDER # 1 80/72 # 2 80/70 # 3 80/75 # 4 80/71
 # 5 80/76 # 80/70 . CHANGED OIL & FILTER 12 QUARTS PHILLIPS 20W50 X/C AND CHAMPION
 CH48110-1 OIL FILTER .INSTALLED NEW BRACKETT AIR FILTER ELEMENT BA 8103-1.
 CLEANED & GAPPED SPARK PLUGS NEW M-674 GASKETS INSTALLED . MAGNETO TIMING
 CHECKED . CLEANED M-20 AIR-OIL SEPERATOR . INSPECTED & LUBED ENGINE CONTROLS
 INSPECTED & CLEANED FUEL PRIMER NOZZLES . AD'S CHECKED THRU 2011-06 COMPLIANCE
 LIST IN RECORD'S . ENGINE RUN CHECK PERFORMED . I CERTIFY THAT THIS ENGINE HAS
 BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED
 TO BE IN AIRWORTHY CONDITION . BODE W. ZIETZ III A&P 3029338 
 END XXXXXXXXXXXXXXXXXXXXXXXX

DATE 04/27/2012 N100CA TACH TIME 3373.6 TOTAL TIME IN SERVICE 3482.8 TIME SINCE
 MAJOR OVERHAUL 520.4 . PERFORMED 100 HOUR INSPECTION IN ACCORDANCE WITH
 FAR 43 APPENDIX D AND CHECKLIST . PERFORMED COMPRESSION TEST CYLINDER
 # 1 80/78 #2 80/69 #3 80/74 #4 80/70 # 5 80/70 # 6 80/69 . CLEANED AND GAPPED SPARK
 PLUGS NEW CHAMPION M-674 GASKETS INSTALLED . MAGNETO TIMING CHECK
 PERFORMED . CHANGED OIL AND FILTER 12 QTS PHILLIPS 20W50 X/C OIL AND CHAMPION
 CH 48110-1 OIL FILTER . INSTALLED NEW BRACKETT AIR FILTER ELEMENT BA 8103-1
 CLEANED ENGINE , CLEANED M-20 AIR -OIL SEPERATOR . CLEANED FUEL PRIMER NOZZLES
 ALTERNATOR & BELT INSPECTED . INSPECTED & LUBED ENGINE CONTROLS .ENGINE
 GROUND RUN AND LEAK CHECK PERFORMED . AD'S CHECKED THRU 2012 / 08
 COMPLIANCE LIST INRECORD'S . I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN
 ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY
 CONDITION . BODE W. ZIETZ III A&P 3029338  END

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE 11/08/2013 N100CA TACH TIME 3404.6 TOTAL TIME IN SERVICE 3513.8
 TIME SINCE MAJOR OVERHAUL 551.4 .PERFORMED 100 HOUR INSPECTION
 IN ACCORDANCE WITH FAR 43 APPENDIX D AND CHECKLIST .PERFORMED
 COMPRESSION TEST CYLINDER CHECK #1 80/67 # 2 80/75 # 3 80/72 # 4 80/73
 # 5 80/70 # 6 80/76 CHANGED OILAND FILTER FILLED WITH PHILLIPS 20W50X/C
 OIL AND CHAMPION CH48110-1 OIL FILTER . INSTALLED NEW BRACKETT
 AIR FILTER BA8103-1 . CLEANED AND GAPPED SPARKPLUGS NEW M-764
 GASKETS . MAGNETO TIMING CHECKED . INSPECTED WIRE HARNESS.
 INSPECTED AND CLEANED M-20 AIR OIL SEPERATOR . CLEANED FUEL PRIMER
 NOZZLES .CLEANED ENGINE . AD'S CHECKED THRU 2013/22 AD'S COMPLIANCE
 LIST IN RECORD'S . I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN
 ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE
 IN AIRWORTHY CONDITION . BODE W. ZIETZ III A&P 3029338 

END XX

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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1-23-2015

N100CA

- THIS LOGBOOK ENTRY IS TO CORRECT (2) PREVIOUS ENTRIES THAT CONTAINED MISTAKES IN ENGINE TOTAL TIME AND ENGINE TIME SINCE MAJOR OVERHAUL. THE MISTAKES WERE MADE ON AUGUST 9, 2006 – ENGINE TOTAL TIME, AND APRIL 6, 2011 – ENGINE SMOH. THE TIMES ARE CORRECTED AS FOLLOWS;

AUG. 9, 2006	A/C TT: 3079.1	ENGINE TT: 3185.4	ENGINE SMOH: 206.4
SEPT. 14, 2007	A/C TT: 3163.7	ENGINE TT: 3270.0	ENGINE SMOH: 291.0
NOV. 12, 2008	A/C TT: 3241.1	ENGINE TT: 3347.4	ENGINE SMOH: 368.4
JAN. 15, 2010	A/C TT: 3324.6	ENGINE TT: 3430.9	ENGINE SMOH: 451.9
APR. 6, 2011	A/C TT: 3344.2	ENGINE TT: 3450.5	ENGINE SMOH: 471.5
APR. 27, 2012	A/C TT: 3373.6	ENGINE TT: 3479.9	ENGINE SMOH: 500.9
NOV. 8, 2013	A/C TT: 3404.6	ENGINE TT: 3510.9	ENGINE SMOH: 531.9

CURTIS H. KELLEY



A&P/IA 3058520

KELLEY AERO SERVICES, LLC. 9764 W CO. RD. 375 S, FRENCH LICK, IN 47432

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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1-23-2015 N100CA TACH: 3448.1 SMOH: 575.4 ENGINE T.T. 3554.4

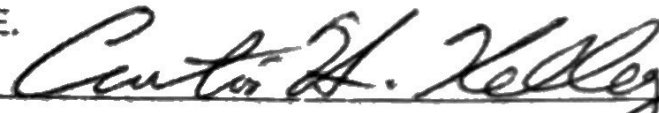
- PERFORMED ANNUAL INSPECTION PER FAR 43, APP. D, USING CESSNA 182 ANNUAL INSPECT. CHECKLIST AS A GUIDE.
 - COMPRESSION #1 78/80 #2 62/80 #3 74/80 #4 78/80 #5 76/80 #6 78/80.
 - CLEANED AND GAPPED SPARKPLUGS, CHECKED AND ADJUSTED MAGNETO TIMING TO 22 DEGREES BTDC.
 - DRAINED ENGINE OIL AND SERVICED WITH 10 QUARTS OF PHILLIPS 20W-50, INSPECTED OIL FILTER FOR CONTAMINATION.
- NO DISCREPANCIES NOTED. INSTALLED NEW OIL FILTER PN: AA48110-2.
- REPLACED ENGINE AIR FILTER PN: BA-8103.
 - INSTALLED NEW INTAKE CROSSOVER BALANCE TUBE PN: 630628.

AIRWORTHINESS DIRECTIVES

- AD96-12-22 – OIL FILTER ASSEMBLY NUT, C/W BY INSPECTION, NEXT DUE @ A/C TT: 3548.1
- ALL APPLICABLE AD'S COMPLIED WITH AT THIS TIME, SEE ATTACHED AD LIST.
- ALL ICA'S CHECKED AND C/W AT THIS TIME.
- POST MAINTENANCE OPERATIONAL AND LEAK CHECKS WERE GOOD.
- ALL WORK PERFORMED INACCORDANCE WITH CESSNA 182 SERVICE MANUAL AND TCM TSIO-520/0-470 SERVICE MANUAL.

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.

CURTIS H. KELLEY



A&P/I.A. 3058520

KELLEY AERO SERVICES, LLC. 9764 W CO. RD. 375 S, FRENCH LICK, IN 47432

1. Approving Civil Aviation Authority / Country FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number AA 108EN-0000	
4. Organization / Name and Address FAA-PMA PQ1206CE Aero Accessories, Inc. 1240 Springwood Church Road, Gibsonville, NC...				5. Work Order / Contract / Invoice Number 108EN-0000		
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status / Work	
1	Dry Air Pump	AA216CW...	1	08EN07	OVERHAUL	
12. Remarks OVERHAUL IAW ONE OF THE FOLLOWING FAA APPROVED PROCESSES: 203-6-1009, 203-6-1010, 203-6-1011, 203-6-1012 CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 11/12 WAS CARRIED OUT IAW FAR 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE FOR WORK PERFORMED UNDER EASA ACCEPTANCE CERTIFICATE NUMBER EASA 145.5682						
		14a. ☒ 14 CFR 43.9 Return To Service ☒ Other Regulation Specified in Block 12 Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 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.				
		14b. Authorized Signature <i>Mitchell Murphy</i>		14c. Approval/Certificate No: YV4R688M		
		14d. Name (Typed or Printed) Mitch Murphy		14e. Date (dd/mmm/yyyy) 02/ Mar/ 2015		
User / Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a 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.						

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
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3-18-2015

N1255A

- REPLACED IGNITION HARNESS FOR BOTH MAGNETOS, KIT #N1255A

ALL WORK PERFORMED IN ACCORDANCE WITH CESSNA 182 SERVICE MANUAL AND CHAMPION AEROSPACE INSTALLATION INSTRUCTIONS. OPERATIONAL CHECK WAS GOOD.

CURTIS H. KELLEY

Curtis H. Kelley 1821A

KELLEY AERO SERVICES, LLC, 9754 W CO. RD. 375 S, FRENCH LICK, IN 47522

6-11-2015

N100CA

Hobbs: 35.4

- Replaced engine-driven vacuum pump and gasket with overhauled Temoest unit, P/N AA2360N. Operation okay. Pump S/N 08EN07.

Eric A. Seber

Eric A. Seber

A&P 2813778

Midwest AeroWorks, LLC

1724 E 250 N, Washington, IN 47501



Engine

2-19-2016

N100CA

Tach: 3503.7 TSMOH 631.0 Engine TT: 3610.0

- Performed Annual/100 hour inspection per FAR 43, Appendix D, using Cessna 182 Inspection Checklist as a guide
- Checked cylinder compressions with engine hot: #1 79/80, #2 64/80, #3 76/80, #4 76/80, #5 73/80, #6 79/80.
- Boroscoped cylinders and valves. No discrepancies noted.
- Checked magneto to engine timing.
- Drained oil and removed oil filter. Cut open filter and inspected for metal and contaminants. No discrepancies noted. Serviced with 11 quarts of Phillips XC20W-50 oil. Installed new Tempest AA48110-2 oil filter and torqued to spec.
- Installed 12 new Tempest URHB32E spark plugs with gaskets and torqued to spec.
- Drained carb bowl, cleaned carb inlet screen, and fuel strainer screen. Replaced inlet screen gasket, P/N MC16-A48.
- Replaced engine air filter, P/N 8103-1.

AIRWORTHINESS DIRECTIVES

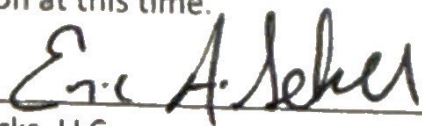
- AD 96-12-22 Oil filter adapter. Complied with as per paragraph B.

Next due inspection at A/C TT: 3603.7.

- All applicable AD's complied with at this time. See AD list.
- Ground run and lead checks were good with no discrepancies noted. All work performed per Cessna 182 Service Manual and TCM Service Manual.

I certify that this engine has been inspected in accordance with an Annual/100 hour inspection and was determined to be in airworthy condition at this time.

Eric A. Seber



A&P 2813778 IA

Midwest AeroWorks, LLC

1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/4/2016	3559.8			CHANGED OIL & OIL FILTER

Engine

12-21-2016

N100CA

Tach: 3592.0 TSMOH 719.3 Engine TT: 3698.3

- Performed Annual/100 hour inspection per FAR 43, Appendix D, using Cessna 182 Inspection Checklist as a guide.
- Checked cylinder compressions with engine hot: #1 78/80, #2 78/80, #3 79/80, #4 76/80, #5 72/80, #6 76/80.
- Performed cylinder and valve borescope inspection with no discrepancies noted.
- Drained oil and removed oil filter. Cut open filter and inspected for metal and contaminants. No discrepancies noted. Serviced with 11 quarts of Phillips XC20W-50 oil and 16 ounces of Camguard. Installed Tempest AA48110-2 oil filter and torqued to spec.
- Cleaned and gapped spark plugs. Reinstalled with new M674 gaskets and torqued to spec.
- Drained carb bowl, cleaned carb inlet screen, and fuel strainer screen. Replaced inlet screen gasket, P/N MC16-A48.
- Checked magneto to engine timing.
- Replaced engine air filter, P/N 8103-1.

AIRWORTHINESS DIRECTIVES

- AD 96-12-22 Oil filter adapter. Complied with as per paragraph B.

Next due inspection at A/C TT: 3692.0.

- All applicable AD's complied with at this time. See AD list.
 - Ground run and leak checks were good with no discrepancies noted. All work performed per Cessna 182 Service Manual and TCM Service Manual.
- I certify that this engine has been inspected in accordance with an Annual/100 hour inspection and was determined to be in airworthy condition at this time.

Eric A. Seber

Eric A. Seber

A&P 2813778 IA

Midwest AeroWorks, LLC

1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Engine
7-20-17 N100CA Tach: 3621.6 TSMOH 748.9 Engine TT: 3727.9
- Drained oil, obtained sample for analysis, and removed oil filter. Cut open filter and inspected for metal and contaminants. No discrepancies noted. Serviced with 11 quarts of Phillips XC20W-50 oil and 16 ounces of Camguard. Installed Tempest AA48110-2 oil filter and torqued to spec.
- Ground run and leak checks were good with no discrepancies noted.

Eric A. Seber
Midwest AeroWorks, LLC

Eric A. Seber

A&P 2813778 IA
1724 E 250 N Washington, IN 47501



Engine
10-12-2017 N100CA Tach: 3674.0 TSMOH 801.3 Engine TT: 3780.3
- Drained oil, obtained sample for analysis, and removed oil filter. Cut open filter and inspected for metal and contaminants. No discrepancies noted. Serviced with 10 quarts of Phillips XC20W-50 oil and 16 ounces of Camguard. Installed Tempest AA48110-2 oil filter and torqued to spec.
- Removed top spark plugs. Checked and adjusted left and right magneto timing to 22 degrees BTC. Reinstalled spark plugs and torqued to spec.
- Ground run and leak checks were good with no discrepancies noted.

Eric A. Seber
Midwest AeroWorks, LLC

Eric A. Seber

A&P 2813778
1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

YEAR DATE	RECORD TACH TIME	Lawson Aviation, LLC Continental O-470-50 SMOH: 1.0 TT: 3793.2 Date: 03/20/2018 PPA S/N: 2359 S/N: 532118 Continental O-470-50 was major overhauled at this time. Previously converted to a PPA O-470-50 S/N:2359 under SE4988NM. Engine disassembled, cleaned and inspected. Camshaft, Lifters, Magnetos, Rods, oil cooler, and starter drive all overhauled(see Tags) Crankcase overhauled by CSI. Cylinders are New Superior nickel cylinder assemblies w/ balanced pistons. Crankshaft magnafluxed and dimensional checked. Steel parts magnafluxed and aluminum parts zyglo'd. Following new parts installed: Main bearings(M10), Rod bearings(M10), rod bolts and nuts, needle bearing. Major OVH gasket set, intake hoses, mag rubber bushings, Piston pins, crank seal, oil pump springs, counterweight pins, plates, clips, and bushings. Engine assembled in reference to Continental Overhaul manual X30039A. Engine was serviced with 12 qts Non-detergent 50WT oil and test run, test run satisfactory with no oil leaks noted. All ADs through 16-16-12 checked(see AD list). Dustin Lawson AP3331955 <i>Dustin Lawson AP3331955</i>	Repairs and Alterations , and Certificate Number of es for other specific entries.)

Engine

03-30-2018 N100CA Tach: 3685.9 TSMOH 1.0 Engine TT: 3792.2

- Performed Annual/100 hour inspection per FAR 43, Appendix D, using Cessna 182 Inspection Checklist as a guide.
- Reinstalled PPonk engine O-470-50, S/N 2359 per Cessna 182 Service Manual section 11-17 thru 11-28 and PPonk Engine Installations Instructions Report No. PPA-10003, Rev. Orig., Dated Dec. 21, 1993. Engine previously modified to PPonk O-470-50 per STC SE4988NM and authorized for use on this airframe. Installed with new Hutchinson Isolator mounts, P/N 94110-40, new AN7-33A mount bolts, and 0851559-1 locking tabs. Torqued engine mount bolts to 480 in-lbs. Carburetor repaired/updated by PPonk Aviation, see attached documentation. All other accessories supplied overhauled except starter and alternator. Checked magneto to engine timing and replaced engine air filter, P/N 8103-1.
- Serviced engine with 11 quarts of Aeroshell 80 per PPonk break-in instructions and Continental Motors SIL99-2C.
- Replaced left and right exhaust collectors, P/N A075023-20 and muffler, P/N A0750161-28 new PMA parts from Aerospace Welding.
- Performed initial engine ground run and leak check. Initially set ground idle and mixture with engine warm. Ground ops check okay.

AIRWORTHINESS DIRECTIVES

- AD 96-12-22 Oil filter adapter. Complied with as per paragraph B. Next due inspection at A/C TT: 3785.9.
- All applicable AD's complied with at this time. See AD list. Ground run and leak checks were good with no discrepancies noted. All work performed per Cessna 182 Service Manual and TCM Service Manual. I certify that this engine has been inspected in accordance with an Annual/100 hour inspection and was determined to be in airworthy condition at this time.

Eric A. Seber
Midwest AeroWorks, LLC

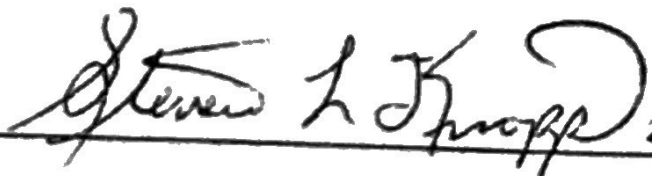
Eric A. Seber

A&P 2813778 IA

1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
		out of sequence		
				Marvel Schebler MA-4-5 Carburetor PN:10-4893-1 SN: H 11 5418, previously modified for use with PPA O-470-50 engine SN 2359, was inspected, repaired and set to current specifications per STC #SE4988NM. Parts and Labor:
				The following new parts were installed:
				(1) AV16-A30 gasket, nozzle
				(1) AV16-A31 gasket, throttle body
				(1) AV16-A42 gasket, power jet
				(2) MS 29513-012 o-ring
				(1) AV16-A48 gasket, fuel inlet strain
				(1) AV16-B44 gasket, pump idler screw
				(1) AV298-1 lead seal
				(1) AV46-A227 venturi
				(1) AV14-187 throttle valve
				(1) AV16-A56 gasket, air meter pin plug
				(1) AV34-91 valve, pump discharge check
				(1) AV24-A115 spring, pump discharge check valve
				(6) AV15-B98 screw, float bowl
				(1) SA35985 gasket (for installation)
				(1) SA25135 gasket (for installation)
				Steven L. Knopp A&P 1960334 IA
				 22 Jan 2018

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Engine 3-30-2018 N100CA Tach: 3687.1
 - Engine ground run and test flight completed. Initial test flight break-in procedures accomplished IAW SB M89-7R1 and P Ponk recommended instructions. Leak check performed and all indications normal at this time.

Eric A. Seber Eric A. Seber A&P 2813778
 Midwest Aeroworks, LLC 1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
 WASHINGTON, INDIANA

Engine 4-4-2018 N100CA Tach: 3691.3
 - Removed upper and lower cowling for oil change and engine compartment inspection. Drained engine oil and cut open filter for inspection. No discrepancies noted. Installed new AA48110-2 filter. Serviced engine with 11 quarts of Aeroshell 80 mineral oil. Performed engine ground run and leak check. All indications normal at this time.

Eric A. Seber Eric A. Seber A&P 2813778
 Midwest Aeroworks, LLC 1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
 WASHINGTON, INDIANA

Engine 5-7-2018 N100CA Tach: 3704.8 Hobbs: 285.1
 - Replaced tach drive seal, P/N CR3751 and cover gasket due to small oil seep. Replaced defective factory CHT probe with new unit. Performed engine ground run and leak check. All indications normal at this time.

Eric A. Seber Eric A. Seber A&P 2813778
 Midwest Aeroworks, LLC 1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
 WASHINGTON, INDIANA

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

10-5-2018

N100CA

Tach: 3720.8

— Removed upper and lower cowling for oil change and engine compartment inspection. Drained engine oil and cut open filter for inspection. No discrepancies noted. Installed new AA48110-2 filter. Serviced engine with 10 quarts of Aeroshell 100 mineral oil. Performed engine ground run and leak check. All indications normal at this time.

Eric A. Seber

Eric A. Seber

A&P 2813778

Midwest Aeroworks, LLC

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MIDWEST AEROWORKS
WASHINGTON, INDIANA

Engine

04-01-2019

N100CA

Tach: 3746.2 TSMOH 60.3 Engine TT: 3852.5

- Performed Annual/100 hour inspection per FAR 43, Appendix D, using Cessna 182 Inspection Checklist as a guide.
- Performed cylinder compression test with engine hot: 1 – 78/80, 2 – 78/80, 3 – 79/80, 4 – 79/80, 5 – 79/80, 6 – 78/80. Performed cylinder borescope inspection and recorded results with no discrepancies noted.
- Drained engine oil. Serviced engine with 11 quarts of Phillips XC 20W-50 oil. Removed filter and cut open for inspection with no discrepancies noted. Installed new Tempest AA48110-2 filter, torqued to spec, and safety-wired.
- Removed spark plugs, cleaned, gapped, and reinstalled with new M674 gaskets. Torqued plugs to spec.
- Torqued checked intake flange bolts, exhaust flange nuts, and carburetor nuts. Pressure checked and inspected muffler and exhaust system.
- Replaced induction air filter, P/N BA-8103-1. Drained carburetor bowl and cleaned inlet screen.

AIRWORTHINESS DIRECTIVES

All applicable AD's complied with at this time. See AD list. Ground run and leak checks were good with no discrepancies noted. All work performed per Cessna 182 Service Manual and TCM Service Manual. I certify that this engine has been inspected in accordance with an Annual/100 hour inspection and was determined to be in airworthy condition at this time.

Eric A. Seber

Eric A. Seber

A&P 2813778 IA

Midwest AeroWorks, LLC

1724 E 250 N Washington, IN 47501



MIDWEST AEROWORKS
WASHINGTON, INDIANA

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

N100CA

Tach: 3765.9 SMOH: 81.8

10/08/2019

Drained oil, cut open filter, No problems noted. Refilled engine with 11 quarts Phillips 20W50 and installed new Tempest AA48110-2 filter. Ground run, no leaks noted.

Aaron J. Benham

Aaron J. Benham A&P 3979289

Hebbs 349.9

LOGBOOK ENTRY

DATE: 3/12/20

MAKE: Cessna

NR 100CA

TACH: 3782.9

TTE = 3889.2 SMOH = 97.0

Completed annual inspection of engine in accordance with Cessna 182Q inspection form. Compression 1)75/80, 2)70/80, 3)75/80, 4)77/80, 5)73/80, 6)68/80. Did not change oil at this time. Replaced missing clamp at intake cross over pipe. Tightened one exhaust nut at #6 cyl. flange. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed. Pertinent details of this repair are on file at this Repair Station under Work Order: 20-038 A&B

TECHNICIAN: *Michael Suze* 3630775 IA **CRS #PG2R08.1** for Ron Collins Aviation
Electronics 2158 St Rt 136 W Henderson, KY 42420. Phone 270-827-1161

LOGBOOK ENTRY

DATE: 6/8/20

MAKE: Cessna

N# 100CA

TACH: 3788 4

Iterations
umber of
ic entries.)

Changed oil and filter. Serviced with 11 Quarts Phillips 20/50 oil and a CH48110-2 Filter. Obtained an oil sample for oil analysis. Ground ran aircraft for leak check. No leaks noted this date.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed. Pertinent details of this repair are on file at this Repair Station under Work Order: 20-193

TECHNICIAN: Michael Guyer AP 3630775 ~~XXXXXXXXXX~~ for Ron Collins Aviation
Electronics 2158 St Rt 136 W Henderson, KY 42420. Phone 270-827-1161

Engine N100CA Tach: ^{3807.6}3808.7 Hobbs: ^{436.5}0395.8 TT: 3915.0 SMOH: 0122.8 03/30/2021
³⁸⁰⁹ ⁴⁰⁷

Performed 100 hour/ annual inspection per FAR 43, Appendix D, using an inspection checklist as a guide.

Checked cylinder compressions ~~and~~, #1 78/80 #2 75/80 #3 77/80 #4 79/80 #5 78/80 #6 76/80 ~~Not~~

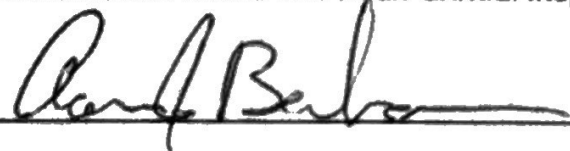
Drained engine oil, removed oil filter & cut open for inspection. No discrepancies noted. Installed new AA48110-2 oil filter & 10qts Phillips 20w50 X/C oil. Cleaned, gapped and rotated spark plugs, Torqued to spec. Retorqued rocker boxes, intake tubes and exhaust studs. Pressure smoke tested exhaust. Replaced airfilter W new Brackett P/N BA8103-1.

AIRWORTHINESS DIRECTIVES

AD 96-12-22 Oil filter adapter, no leaks noted.

AD 94-05-05 R1 Cracks at rock shaft bosses, next due at cylinder removal.

Ground run, operational & leak checks were completed, no problems found. I certify that this engine has been inspected in accordance with a 100 hour/ annual inspection and was found to be in airworthy condition. END



Aaron J. Benham A&P 3979289 IA

Engine N100CA Tach:3853.6 Hobbs:0443.3 TT:3959.9 SMOH:0167.7 04/10/2022

YEA

DATE

Performed 100 hour/ annual inspection per FAR 43,Appendix D, using an inspection checklist as a guide.

Checked cylinder compressions cold, #1 76/80 #2 76/80 #3 77/80 #4 76/80 #5 78/80 #6 74/80

Drained engine oil, removed oil filter & cut open for inspection. No discrepancies noted. Installed new AA48110-2 oil filter & 10qts

Phillips 20w50 X/C oil. Cleaned, gapped and rotated spark plugs, Torqued to spec. Reset mag timing to 22 degrees BTDC.

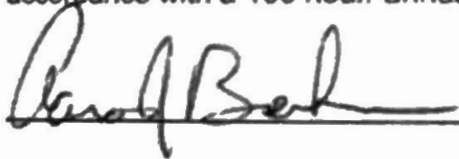
Retorqued rocker boxes,intake tubes and exhaust studs. Visually & pressure smoke checked exhaust. Replaced air filter W new Brackett P/N BA8103-1.

AIRWORTHINESS DIRECTIVES

AD 96-12-22 Oil filter adapter,no leaks noted.

AD 94-05-05 R1 Cracks at rock shaft bosses, next due at cylinder removal.

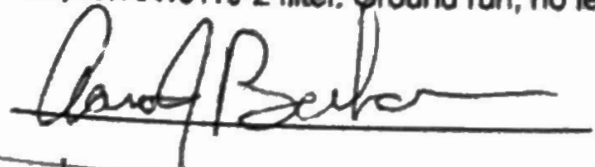
Ground run, operational & leak checks were completed, no problems found. I certify that this engine has been inspected in accordance with a 100 hour/ annual inspection and was found to be in airworthy condition at this time.END



Aaron J. Benham A&P 3979289 IA

Engine N100CA Tach: 3837.5 Hobbs: 0425.4 SMOH: 09/13/2021

Drained oil, cut open filter, No problems noted. Refilled engine with 9 quarts Phillips 20W50 and installed new Tempest AA48110-2 filter. Ground run, no leaks noted.



Aaron J. Benham A&P 3979289

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

DATE: 12/28/22 MAKE: Cessna NH 100CA TACH: 3869 9

Removed and reinstalled tachometer P/N D1-112-5023 S/N 40836 after rebuild by manufacturer. See maintenance tag. Replaced tachometer shaft cable P/N S2550-2. OPS check normal this date.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed. Pertinent details of this repair are on file at this Repair Station under Work Order: 22-405

TECHNICIAN: *Michael Sayer* AP3630725 [REDACTED] for Ron Collins Aviation
Electronics 2158 St Rt 136 W Henderson, KY 42420. Phone 270-827-1161

LOGBOOK ENTRY

DATE 5/22/23

MAKE: Cessna

N# 100CA

TACH: 3879.9

ms
if
s.)

TTE = 3986.2 SMOH = 194.0

Completed annual inspection of engine in accordance with Cessna 182Q inspection form. Compression 1)75/80, 2)68/80, 3)75/80, 4)72/80, 5)73/80, 6)68/80. Changed oil and filter. Serviced with Phillips 20/50 oil and CH48110-2 filter. Retrieved oil sample for analysis. Repaired carburetor air box. Repaired baffling on LH cylinders. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

The aircraft and/or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and is approved for return to service for the work performed. Pertinent details of this repair are on file at this Repair Station under Work Order: 23-148 A&B

TECHNICIAN: Michael Singer AP3630775IA ~~AP3630775IA~~ for Ron Collins Aviation
Electronics 2158 St Rt 136 W Henderson, KY 42420. Phone 270-827-1161

10/6/2023

3898.6 Tach

Remove failed Vacuum pump AA216CW
S/N 08EN07. Replace with New RAP 216CW S/N:
204934, see 8130-3. Ground Run Completed, Return To
Service. Clayton Barker AEP 39779289

Engine N100CA Tach:3911.4 Hobbs:0506.6 TT:4017.7 SMOH:0225.5 04/24/2024

Performed 100 hour/ annual inspection per FAR 43,Appendix D, using an inspection checklist as a guide.

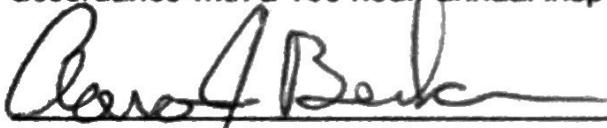
Checked cylinder compressions hot, #1 76/80 #2 76/80 #3 77/80 #4 76/80 #5 78/80 #6 72/80

Drained engine oil, removed oil filter & cut open for inspection. No discrepancies noted. Installed new AA48110-2 oil filter & 9 qts Phillips 20w50 X/C oil. Cleaned, gapped and rotated spark plugs, Torqued to spec, checked mag timing, 22 BTDC. Retorqued rocker boxes,intake tubes and exhaust studs. Visually & pressure smoke tested exhaust. Replaced air filter W new Brackett P/N BA8103-1. Cleaned gascolator & carb screens.

AIRWORTHINESS DIRECTIVES

AD 96-12-22 Oil filter adapter,no leaks noted.

Ground run, operational & leak checks were completed, no problems found. I certify that this engine has been inspected in accordance with a 100 hour annual inspection and was found to be in airworthy condition.END



Aaron J. Benham A&P 3979289 IA

Engine N100CA Tach:3929.8 Hobbs:0531.1 TT:4036.1 SMOH:0243.9 04/28/2025

Performed 100 hour/ annual inspection per FAR 43,Appendix D, using an inspection checklist as a guide.

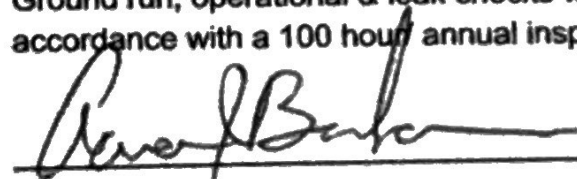
Checked cylinder compressions hot, #1 76/80 #2 78/80 #3 74/80 #4 78/80 #5 76/80 #6 73/80

Drained engine oil, removed oil filter & cut open for inspection. No discrepancies noted. Installed new AA48110-2 oil filter & 9 qts Phillips 20w50 X/C oil. Cleaned, gapped and rotated spark plugs, Torqued to spec, checked mag timing, 22 BTDC. Retorqued rocker boxes,intake tubes and exhaust studs. Visually & pressure smoke tested exhaust. Replaced air filter W new Brackett P/N BA8103-1. Cleaned gascolator screen.

AIRWORTHINESS DIRECTIVES

AD 96-12-22 Oil filter adapter,no leaks noted.

Ground run, operational & leak checks were completed, no problems found. I certify that this engine has been inspected in accordance with a 100 hour annual inspection and was found to be in airworthy condition.END

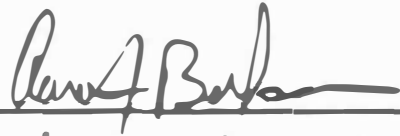


Aaron J. Benham A&P 3979289 IA

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Engine N100CA Tach:3942.6 Hobbs:0531.1 TT:4048.9 SMOH:0256.7 08/30/2025

Replaced defective plane power alternator w new Hartzell / Plane power alternator S/N H-Z082836. Drain oil, cut filter, no discrepancies noted, replace oil filter w new AA48110-2 & refill engine w 9 qts Phillips 20W50 X/C oil.
Ground run, operational & leak checks were completed, no problems found. Return to service. END



Aaron J. Benham A&P 3979289 IA

Airframe N100CA Tach: 3942.6 Hobbs:0545.5 TT: 3942.6 08/30/2025

Replaced worn LH main tire w Deesser 600x6 6 ply Elite retread. Replaced defective plane power alternator w new Hartzell/
Plane power alternator S/N H-Z082836
Ground run, operational & leak checks were completed, no problems found. Return to service. END



Aaron J. Benham A&P 3979289 IA