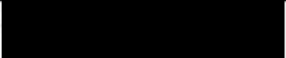


F.A.R. 43.11 - 91.217

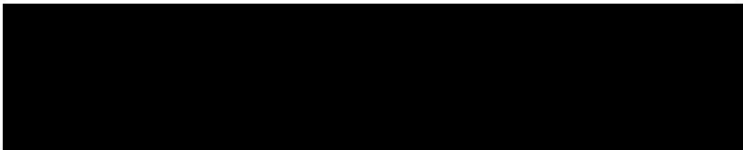
SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST	
DATE	AIRCRAFT TIME IN SERVICE
	Tach: 3992.9 TTAF 3992.9 10/21/2021 Removed existing seat track rail worn beyond limits and replaced with new seat track rail pilot outboard PN MC0511293-3/copilot inboard PN MC0511293-2. Replaced steering rod boots with new PN MC0543015-6. Remove cowl flaps replace hinges and reinstall. IAW with AC 43.13-1B. Removed surface corrosion from engine mount and painted with high-temp paint. Removed and replaced exhaust collectors both left and right and reinstalled. Engine oil and fuel supply hose replaced with new hose. Removed defective prop cable and installed new McFarlane prop control PN MCS1223-4. CW AD 83-13-01 by inspection of fuel cap. CW AD 2011-10-09 by installation of new seat track and inspection of seats. CW AD 2020-18-01 by inspection of door post bulkhead. Due again at 4992 or 10/2024.  Jeffrey J Cornett, 

F.A.R. 43.11 - 91.217

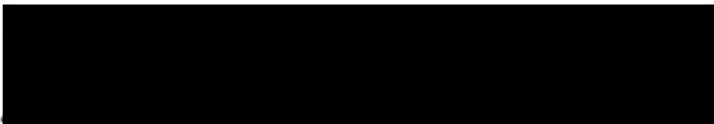
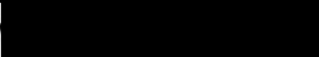
[illegible]

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		Tach: 3992.9 TTAF 3992.9 10/23/2021
		Engine Continental O-470-R S/N 83760-2-R removed on 8/1/2021 from N8880T due to low compressions and sent to Poplar Grove Airmotive. Purchased overhauled Continental engine O-470-R from Poplar Grove Airmotive S/N 131515-5-R and installed on N8880T on 10/23/2021 IAW Cessna Service Manual.
		I certify this engine installed on N8880T to be in airworthy condition.
		
		Jeffrey J Cornett, 

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		Tach: 3992.9 TTAF 3992.9 TSMOH 0 TTSN 3557.45 11/16/2021
		Installed Electro Air Ignition/Starter Switch Panel STC SA04280CH PN EA-15000 Lot #20-466 FIN B IAW ElectroAir Installation manual 2/4/2020.
		Installed Insight G2 Engine Monitor STC approval number SA09-30 P/N 610C-001 S/N 21489 IAW Insight Instrument Corporation Document 070906 Rev 1.5.
		Installed Lord Engine Mounts IAW Cessna Maintenance Manual.
		
		Jeffrey J Cornett, 
18 FEB 2022		TACH 4003.0 TTSN: 4003.0 TSMOH: 12.8
		REMOVED DEFECTIVE VOLTAGE REGULATOR, INSTALLED SOLID
		STATE ZEFTRONICS VOLTAGE REGULATOR P# G1500N S# A24033
		ON PILOT SIDE ENGINE FIREWALL, ALL WORK DONE 10W ZEFTRONICS →

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
→ CONT;		INSTALLATION INSTRUCTIONS, WEIGHT + BALANCE CHANGE WAS NEGLIGIBLE, ALL GROUND + FLIGHT PARAMETERS WERE NORMAL. JEFFREY J CORNETT 
13 MAY 2022		TACH: 4013.3 TTSN: 4013.3 TSMOH: 23.1 HOBBS: 25.2 REMOVED SHIPS 12 VOLT BATTERY, INSTALLED CONCORDE BATTERY PART# RG-35 AXC SERIAL # 4/22230/ IOW CESSNA SERVICE MANUAL, WEIGHT + BALANCE CHANGE WAS NEGLIGIBLE. JEFFREY J CORNETT 

DATE

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

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

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS

N8880T

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL. ± FT.	20	20	20	20	25	30	30	35	70	40	60	80	80	90	100	110
ACTUAL FRICTION	0	0	0	-20	-20	-20	-30	-30	-40	-40	-40	-40	-40	-40	-40	-40
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK	HYSTERSIS TOL. +75 FT.			ALTIMETER		
TOL. ± FT.	120	130	100	140	155	180	205	230	280	TOL. -100 FT.	OK	50% MAX.	+20	Make <u>UNITED</u>		
ACTUAL FRICTION	-20	0								TEMP. C	18	40% MAX.	+25	Model <u>50-380094</u>		
														S/N <u>53077</u>		
														#2 TRANSPONDER		
														Make <u>TRANS-CAL</u>		
														Model <u>SSD-120</u>		
														S/N <u>SRA-9304</u>		
														Model <u>X</u>		
														S/N <u>X</u>		

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 20,000 FT.

CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E

PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN
ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL GARMIN GTX30ES S/N 8467757

The Aircraft and/or component identified hereon was repaired and inspected in accordance with
the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for
return to service.

Date 7/15/22 W.O. 5718

Signed

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

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

ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS

N8880T

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL. ± FT.	20	20	20	20	25	30	30	35	70	40	60	80	90	100	90	110
ACTUAL FRICTION	+20	+20	+20	+20	+20	+20	+20	+20		+20	+20	+20	+20	+20		+20
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	CASE LEAK		HYSTERSIS TOL. +75 FT.		ALTIMETER		
TOL. ± FT.	120	130	140	155	180	205	230	255	280	TOL. -100 FT.		50% MAX.		Make <u>GARMIN</u>		
ACTUAL FRICTION	+20	+10								TEMP. C		40% MAX.		Model <u>GS</u>		
										OK		OK		S/N <u>AS INSTALLED</u>		
										OK		OK		BLIND ENCODER		
										OK		OK		Make <u>X</u>		
										OK		OK		Model <u>X</u>		
										OK		OK		S/N <u>X</u>		
										OK		OK		#2 TRANSPONDER		
										OK		OK		Make <u>X</u>		
										OK		OK		Model <u>X</u>		
										OK		OK		S/N <u>X</u>		

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 20,000 FT.
CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E
PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN
ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL

N/A

S/N

N/A

The Aircraft and/or component identified hereon was repaired and inspected in accordance with
the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for
return to service.

Date

7/15/22

W.O.

5718

Signed

14 SEPT
2022

4064.3

REMOVED STOCK ROTATING BEACON AND INSTALLED
WHILEN 14 VOLT RED LED BEACON PART # 11-16638
WTB CHANGE WAS NEGLIGIBLE, OAS CHECK GOOD.
ALL WORK DONE 10W AC 43.13

JERRY J CORNETT

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
	Tach: 4081.5 TTAF 4081.5	11/30/2022
	I certify this airframe has been inspected IAW an annual inspection and was determined to be in airworthy condition. Tested ELT in accordance with FAR 91.207, battery due 06/2025. AD 2020-18-01 door post bulkhead due at 4992 or 10/24. CW AD 2011-10-09 inspection of seat track.	
	Jeffrey J Cornett,	

12/29/2022 4081.5 Removed engine driven tachometer, capped tach drive on engine tach drive port. Installed Electronics International Digital RPM model R-1-L6 S/N 278929 IAW 01 0517911 Rev C 9/24/97 STC SA5924NM

cont'd

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

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

DATE

AIRCRAFT TIME
IN SERVICE

Digital tach card
Performed check instrument operation per RPM R-1
installation instructions. All functions operations
within parameters during ground run.
weight and balance change negligible

TERENCE T. COOPER



LIMITED AIRCRAFT ENGINE WARRANTY

Poplar Grove Airmotive, Inc. (PGA) limits its warranty on the listed engine overhauled by PGA to be free from defects in material and workmanship under normal use and service for a period of two years or 500 hours, whichever occurs first from the completion date of the overhaul. All accessories overhauled by PGA are warranted for 250 hours of operation or one year, whichever event shall occur first.

Any engine, cylinder or component Repair not associated with a major engine overhaul is warranted to be free from defects in material and workmanship for six months.

The obligation of the Company under this warranty is limited to the repair or replacement, at the option of PGA, of any part, component or engine, which, in the opinion of PGA is defective. PGA assumes no obligation for work accomplished at a facility other than PGA unless prior notification is given and the owner receives authority from PGA to proceed. PGA additionally reserves the right to furnish any parts and/or components required. If requested by PGA, owner must return all warranted parts, transportation prepaid, to PGA for examination.

Warranty is not applicable to routine maintenance, inspection or adjustments. Replacement or repair of an engine component or accessory will not be construed to extend the initial warranty period.

This warranty shall not apply to engines, their component parts or accessories which have been improperly installed, adjusted, stored, handled, repaired, altered or operated contrary to current manufacturer's recommendations of FAA Airworthiness Directives, or subjected to misuse, neglect, accident, pre-ignition, detonation, hydrostatic lock or corrosion.

PGA does not warrant accessories, such as factory-remanufactured magnetos, carburetors, starters, etc. supplied by a vendor other than PGA when that vendor has its own warranty.

No express warranties and no implied warranties, whether of merchantability or fitness for any particular use, or otherwise (except to title) other than that expressly set forth above, which is made expressly in lieu of all other warranties, shall apply to products sold by PGA.

This warranty and this PGA's obligation thereunder is in lieu of all other warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose, and all other obligations or liabilities, including consequential damages or contingent liabilities arising out of the failure of any engine or part to operate properly, and no person is authorized to give any other warranty or to assume any additional obligation on PGA's behalf unless made in writing and signed by an officer of PGA.

Date 05 Oct 2021 Model Cont, C-470-R S/N 131515-5-R WO# 101846

POPLAR GROVE AIRMOTIVE, INC.
SUGGESTED BREAK-IN PROCEDURES

After starting the engine, ensure a normal warm up, but avoid prolonged ground running. Follow the airframe manufacturer's recommendations for takeoff power. When possible, reduce power to the climb power setting specified in the operator's manual. Establish a shallow climb angle to ensure good air speed for proper cooling. Use more cowl flaps than normal or step climb to help in this process. Adjust mixture per aircraft operating handbook. Excessive heat is the primary cause of cylinder bore glazing. Make every effort to keep your operating temperature well into the green arc.

If the engine is normally aspirated (non-turbocharged) it will be necessary to cruise at a low altitude to obtain the required cruise power levels. We recommend a density altitude less than 5,000 feet to allow the engine to develop sufficient cruise power for a good break-in.

For proper break-in/piston ring seating, operate the engine at 65-75% power during cruise while keeping engine temperatures well in the green arc. Maintain these power settings until oil consumption stabilizes, this will minimize the chance of glazing the cylinder bores. Glazing cylinder bores require cylinder removal, honing, and installing new piston rings. ***Poplar grove Airmotive does not warranty this condition.***

Descend at low cruise power while closely monitoring the engine instruments. Avoid long descents at low manifold pressure and rapid descents, as this will cause the engine to cool too rapidly.

There is only one object to be accomplished during the break-in: the stabilization of oil consumption. Record all oil additions and flight hours in such a manner that quart per hour of flight is known. During this portion of the break-in, which could range 25 to 100 hours, mineral oil ***must be*** used in the engine. Change oil and inspect filter after approximately 10 hours – then 35 hours – then per your normal schedule, however, do not use AD (ashless dispersant) oil until consumption stabilizes.

Engine Oil Recommendation For Piston Ring Seating

Aero Shell 100	SAE 50	Above 60 degrees F
Aero Shell 80	SAE 40	30 degrees – 90 degrees F
Aero Shell 65	SAE 30	0 degrees – 70 degrees F
Phillips 20W-50	Type M	All Season
Phillips 20W-50	XC	Nickel Cylinders

Use mineral based AD oils only after break-in – NO synthetics

Engine Record General Information

Manufacturer Continental Model O-470-R
Serial 131515-5-R Type Certificate _____

This engine is currently installed in aircraft: _____

Minimum Octane Fuel _____ Oil Grade Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

2021

2PM

Poplar Grove Airmotive, Inc.**Shop Orders --- Inventory Summary**

For Shop Order 101846 Only

Notes

Order #	Close Date	Dsc #	Part Number	Description	Action	Quantity	Units
					Date Wrrnty?		
101846	//	2,000	SA536092-A10	Gasket Set	9/15/2021	1.00	Each
101846	//	2,000	SA641250	Seal Assy	9/15/2021	1.00	Each
101846	//	2,000	URHM40E	Spark Plug 18mm 3/4"	9/15/2021	12.00	Each
101846	//	2,000	653052RW	Camshaft	9/15/2021	1.00	Each
101846	//	2,000	SA530383 M10	Bearing	9/15/2021	12.00	Each
101846	//	2,000	537721AC	Bearing	9/15/2021	1.00	Each
101846	//	2,000	SA639193	Bushings	9/15/2021	2.00	Each
101846	//	2,000	SA639193	Bushings	9/15/2021	2.00	Each
101846	//	2,000	639204	Bushings	9/15/2021	4.00	Each
101846	//	2,000	SA643626-101	Pin	9/15/2021	4.00	Each
101846	//	2,000	SA643629	Plate	9/15/2021	8.00	Each
101846	//	2,000	SA629104	Lock Ring	9/15/2021	8.00	Each
101846	//	2,000	SA536379	Screw	9/15/2021	6.00	Each
101846	//	2,000	SA530658	Bushing	9/15/2021	6.00	Each
101846	//	2,000	655960	Bolt	9/15/2021	12.00	Each
101846	//	2,000	654487	Nut	9/15/2021	12.00	Each
101846	//	2,000	654588	Screw	9/15/2021	4.00	Each
101846	//	2,000	SA539467	Pin Assy	9/15/2021	1.00	Each
101846	//	2,000	SA539467	Pin Assy	9/15/2021	5.00	Each
101846	//	2,000	SA520129	Bushing	9/15/2021	12.00	Each
101846	//	2,000	641368AC	Needle Bearing, Starter	9/15/2021	1.00	Each
101846	//	2,000	501867	Lock Tab	9/15/2021	1.00	Each
101846	//	2,000	534685AC	Ball Bearing- Starter Ad	9/15/2021	1.00	Each
101846	//	2,000	534715	Ring	9/15/2021	1.00	Each
101846	//	2,000	536552	Spring	9/15/2021	1.00	Each
101846	//	2,000	S539800	Clutch Spring	9/15/2021	1.00	Each
101846	//	2,000	MS35756-8	Key	9/15/2021	3.00	Each
101846	//	2,000	X13041AC	Ball Bearing-Starter Ad:	9/15/2021	1.00	Each
101846	//	2,000	502287-3	Snap Ring	9/15/2021	1.00	Each
101846	//	2,000	SA638172	Bushings	9/15/2021	4.00	Each
101846	//	2,000	SA625966	Ring	9/15/2021	1.00	Each
101846	//	2,000	SA531001	Nut 7/16"	9/15/2021	24.00	Each
101846	//	2,000	SA531001	Nut 7/16"	9/15/2021	24.00	Each
101846	//	2,000	634511	Case Nut	9/15/2021	4.00	Each
101846	//	2,000	657175 [2075-11]	Crank Gear	9/15/2021	1.00	Each
101846	//	2,000	SA537745	Gasket	9/15/2021	1.00	Each
101846	//	2,000	535933	Felt	9/15/2021	1.00	Each
101846	//	2,000	2849	Ball	9/15/2021	1.00	2.69
101846	//	2,000	2848	Oil Spring	9/15/2021	1.00	Each
101846	//	2,000	535634	Dowel Pin	9/15/2021	1.00	Each
101846	//	2,000	652887-8.88 (2917-8.88)	Through Stud	9/15/2021	2.00	Each
101846	//	2,000	641931-10.75 (2107-10.7	Thru Bolt .50-20X10.75	9/15/2021	6.00	Each
101846	//	2,000	641931-10.52 (2107-10.5	THRU BOLT .50-20X10	9/15/2021	1.00	Each
101846	//	2,000	MS29513-010	O-Ring, Fuel Resist	9/15/2021	12.00	Each
101846	//	2,000	MS29513-010	O-Ring, Fuel Resist	9/15/2021	8.00	Each
101846	//	2,000	MS29513-012	O-Ring, Fuel Resist	9/15/2021	2.00	Each
101846	//	2,000	658088	Lifter Intake Narrow	9/16/2021	6.00	Each
101846	//	2,000	658088	Lifter Intake Narrow	9/16/2021	4.00	Each

Poplar Grove Airmotive, Inc.

Shop Orders --- Inventory Summary

10/04/2021

2:52PM

For Shop Order 101846 Only

Shop Order #	Close Date	Dsc #	Part Number	Description	Action	Quantity	Units
					Date Wmnty?		
101846	//	2,000 M	537049RW	Ctwt	9/17/2021	1.00	Each
101846	//	2,000 M	352117RW	Ctwt	9/17/2021	1.00	Each
101846	//	2,000 M	538755RW	O/P Housing	9/17/2021	1.00	Each
101846	//	2,000 M	Q9T116-07RW	Oil Screen	9/17/2021	1.00	Each
101846	//	2,000	641931-9.81 (2107-9.81)	Thru Stud	9/17/2021	1.00	Each
101846	//	2,000	627433	Bolt	9/29/2021	1.00	Each
101846	//	3,000 M	10-4893-1	Carb Core	9/30/2021	-1.00	Each
101846	//	2,000	627458	Spring	10/04/2021	1.00	Each
101846	//	3,000	10-4893-1	Carburetor	9/16/2021	1.00	Each
101846	//	2,000	SA537401-A3 M10	Bearing	9/27/2021	1.00	Each
101846	//	2,000	401852	Stud	9/27/2021	4.00	Each
101846	//	2,000	CAM627392	Oil Cooler	9/27/2021	1.00	Each
101846	//	2,000	AAE7977	Starter Adapter Shim	9/27/2021	1.00	Each
101846	//	2,000	21208A2RW	Housing Assy.	9/27/2021	1.00	Each
101846	//	2,000	631650RW	Shaft	9/27/2021	1.00	Each
101846	//	2,000	631252RW	Worm Drive Shaft Gear	9/27/2021	1.00	Each
101846	//	2,000	539805RW	GEAR	9/27/2021	2.00	Each
101846	//	2,000	629076RW	Mag Gear	9/27/2021	1.00	Each
101846	//	2,000	538076RW	Gear	9/27/2021	1.00	Each
101846	//	2,000	534655RW	Gear	9/27/2021	12.00	Each
101846	//	2,000	SA652541	Nut	9/27/2021	1.00	Each
101846	//	2,000	658816A3	Cylinder	9/27/2021	1.00	Each
101846	//	2,000	658816A3	Cylinder	9/27/2021	1.00	Each
101846	//	2,000	658816A3	Cylinder	9/27/2021	1.00	Each
101846	//	2,000	658816A3	Cylinder	9/27/2021	1.00	Each
101846	//	2,000	535810	Bolt .375-24x9.81LG	9/27/2021	1.00	Each
101846	//	2,000	AF0750117-31	Baffle	9/27/2021	3.00	Each
101846	//	2,000	AF0750135-1	Baffle	9/16/2021	1.00	Each
101846	//	2,000	535933	Felt	9/16/2021	2.00	Each
101846	//	2,000	658088	Lifter Intake Narrow	9/16/2021	1.00	Each
101846	//	2,000	10-423674-1	Ign Harness	9/16/2021	4.00	Each
101846	//	2,000	630943-10.50 (2106-10.5)	THRU BOLT .4375-20N	9/16/2021	1.00	Each
101846	//	2,000	658816A3	Cylinder	9/16/2021	1.00	Each
101846	//	2,000	658816A3	Cylinder	9/16/2021	1.00	Each

YEAR 20____ 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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MANUFACTURER: Continental **ENGINE MODEL:** O-470-R **S/N** 131515-5-R **WO#** 101846

AD #	DESCRIPTION	COMPLIANCE STATUS
56-06-01	engine, various	N/A by engine model
63-15-01	exhaust valves	N/A to new cylinders installed
73-13-04	carburetor bowl drain plug	N/A by S/N
79-05-09	oil pressure relief valve	N/A by engine S/N
85-08-02	exhaust valves	N/A by cylinder P/N
88-03-06	oil filter P/N 649309 and P/N 649310	N/A by no filter
91-19-03	oil filter	N/A by no filter
93-08-17	oil pick-up tube	N/A by engine S/N
93-10-02	cylinder	N/A to new cylinders installed
95-21-15	detonation due to low octane	N/A by aircraft registration number
96-12-04	Superior pistons	N/A by manufacturer, continental
96-12-22	cessna oil filter adapter	N/A to oil screen
97-21-02	piston pin plug	N/A to new cylinders installed
98-01-08 L	exhaust roller rocker arm	N/A roller rockers not installed
98-17-11 C	crankshaft	C/W I/A/W par (b) 1 and 2
99-19-01	crankshaft	N/A by crankshaft S/N 633
00-23-21	crankshaft rod journal	N/A by crankshaft S/N 633
07-04-19 R1	Superior cylinders	N/A by manufacturer, Continental
09-19-07	TCM cylinders	N/A by new cylinder installation, no EQ3 cylinders
10-11-04	TCM lifters	N/A to lifters P/N 658088 installed
16-16-12	ECI cylinders	N/A by manufacturer, Continental

Poplar Grove Airmotive, Inc.
FAA Certified Repair Station

Date: 05/Oct/2021

YEAR 20 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.)

MAKE

Continental

MODEL

O-470-R

S/N

131515-5-R

Total Time

3557.45

Hours

Time Since Major Overhaul:

ZERO

Hours

This engine was disassembled, cleaned, inspected and reassembled with necessary new parts in accordance with a major overhaul as per the manufacturer's current overhaul manual X30586 New tolerances and clearances were maintained. A detailed parts list is on file at this agency. The following accessories were overhauled or exchanged. See maintenance releases in this logbook.

Installed crankshaft S/N 633 and camshaft P/N 653052 repaired by Aircraft Specialties Services. Installed new crankshaft gear P/N 2075-11 (657175). Installed new Continental lifters P/N 658088. Installed new Continental cylinder kits P/N 658816A3. Installed new oil cooler P/N CAM627392, S/N L20-4668-7. Supplied carburetor P/N 10-4893-1, S/N MS0RF001, overhauled by Marval-Schebler Aircraft Carburetors. See A.D. Compliance Record and Parts List for more details.-----END-----

All applicable airworthiness directives and related factory publications have been checked for compliance at this date. See list in this log book. This engine was test run in an FAA approved test cell and meets specifications. The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of repair are on file at this repair station under:

Work Order #

101846

Date

05/Oct/2021

Poplar Grove Airmotive, Inc.

Poplar Grove Airport, Poplar Grove, IL

Signed for Poplar Grove Airmotive, Inc.

[illegible]

YEAR 20 <u>22</u> 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.)
14 FEB 2022	4001.0		3565.55	HOBBS: 10.8, DRAINED OIL, INSPECTED FILTER, NO SIGNIFICANT METAL NOTED, INSTALLED NEW TEMPEST SPIN ON OIL FILTER # AA48108-2 ADDED 12 QTS PHILLIPS 5W-50 TYPE M ENGINE OIL, PERFORMED GROUND RUN, NO LEAKS NOTED ALL WORK: IAW CESSNA SERVICE MANUAL JEFFREY J CORNETT
14 Sept 2022	4064.3			Hobbs 89.9 Drained oil, inspected Filter, no metal noted, installed new tempest spin on oil filter AV AA48108-2 Add 12 quarts Aeroshell 100 M engine oil, performed ground run, no leaks all work IAW Cessna Service Manual JEFFREY J Cornett

[illegible]

[illegible]

Propeller Record

Manufacturer	McCawley	Type		PITCH RANGE	
Propeller Model	2A34066-NP	Hub Series #	711752	High/Feather	22.0°
Propeller S/N	711752	Blade #		Start Lock	—
Blade Design	S-90AT-8	Part Number		Reverse	—
Blade Serial Number		Date of Manufacture		Low	10.5°
#1	B231764S	NOTES:			
#2	B251614S				
#3					
#4					
#5					
#6					
Aircraft Installed On	Make/Model		Serial Number		

1. Approving Civil Aviation Authority/Country: FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 25009		
4. Organization Name and Address: [REDACTED]					5. Work Order/Contract/Invoice Number: W/O# 25009		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	PROPELLER ASSEMBLY	2A34C66-NP	1	711752	OVERHAULED		
12. Remarks: COMPLETELY OVERHAULED PROPELLER ASSEMBLY IN ACCORDANCE WITH McCAULEY SERVICE MANUAL NUMBERS 720415(TR 1, 07/13), SPM100R07(REV. 7, 10/19) & BOM100R10(REV. 10, 08/19). COMPLIED WITH SERVICE LETTERS: 83-6, 89-2C, 91-5A, 91-11A, 98-5, 98-8B, 01-1F, 13-1, 14-1L, 14-2. COMPLIED WITH SERVICE BULLETINS: 118, 137AF, 152B, 184B, 227B. COMPLIED WITH A.D. NOTE: 95-15-04. BLADE MODEL NUMBER: S-90AT-8 BLADE SERIAL NUMBERS: B23176YS, B25161YS. PROPELLER TOTAL TIME SINCE NEW: UNKNOWN PROPELLER TOTAL TIME SINCE OVERHAUL: 0.0 AIRCRAFT TACH TIME: 3856.00 TIME BETWEEN OVERHAULS: 60 MONTHS OR 1500 HOURS WHICHEVER OCCURS FIRST.							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.			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.				
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): MICHAEL J. PORTER		14e. Date (dd/mm/yyyy): 29/Dec/2020	
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.							

Cost:

HUB & BLADE MAINTENANCE	
Date	Time Since Overhaul
Total Time In Service	Next Inspection Due
Certificate # or Repair Station	
Date	Time Since Overhaul
Total Time In Service	Next Inspection Due
Certificate # or Repair Station	
Date	Time Since Overhaul
Total Time In Service	Next Inspection Due
Certificate # or Repair Station	

Tach: 3841.9 TTAF 3841.9

Installed overhauled prop McCauley 2A34C66-NP S/N 711752 on N8880T
with Continental O-470-R S/N 83760-2-R IAW Cessna Service Manual.

1/10/2021

Jeffrey J Cornett

Cost:

HUB & BLADE MAINTENANCE

Date	Time Since Overhaul	NOTE
Total Time In Service	Next Inspection Due	
Certificate # or Repair Station		
Date	Time Since Overhaul	NOTE
Total Time In Service	Next Inspection Due	
Certificate # or Repair Station		
Date	Time Since Overhaul	NOTE
Total Time In Service	Next Inspection Due	
Certificate # or Repair Station		
		Cost:

Tach: 3992.9 TTAf 3992.9 TSPOH 151 10/23/2021
 McCauley Prop 2A34C66-NP S/N 711752 removed from N8880T with
 Continental O-470-R S/N 83760-2-R.

11/16/2021
 Tach: 3992.9 TTAf 3992.9 TSPOH 151 TSMOH 0
 Installed McCauley Prop 2A34C66-NP S/N 711752 on N8880T with
 Continental O-470-R S/N 131515-5-R IAW with Cessna Service Manual.

Jeffrey J Cornett

HUB & BLADE MAINTENANCE

Date _____

Tach: 4081.5

TTAF 4081.5

11/30/2022

Total Time In Service

I certify this **propeller** has been inspected IAW with an annual inspection per FAR 43 Appendix D and McCaulley specifications. All known ADs in compliance. Removed propeller spinner, inspected and reinstalled. Ground run and operational checks satisfactory.

Certificate # or
Repair Station

Date _____

Total Time In Service

Jeffrey J Cornett,

Certificate # or
Repair Station

Date _____

Total Time In Service

Certificate # or
Repair Station

Cost:

Cost:

Cost: