

ENGINE LOG

[illegible]

ENGINE LOG

[illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
9-30-58								150.2			
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SIGNED <u>Sam E. Smith</u> <u>AMP 1323927</u> TIME IN SERVICE <u>150.2</u> DATE <u>9-30-58</u> CHANGED OIL CLEANED & SET PLUGS INSTALLED NEW RESISTOR & LEAD T RT MAG REPAIRED GEN. FIELD WIRE INSTALLED NEW BAFELES & REPAIRED CRACKED ONES, WELDED CRACKED STACK AT NO 3 CYL											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
Aug 22 '59								232 hrs	100 HR INSPECTION COMPLETED		
PLUGS CLEAN & SET, SCREWS & SCREWS CHECKED & ADJUSTED OIL CHANGED AD VALVE 59-13-7 COMPLIED WITH 59-10-7 COMPLIED WITH CHANGE BURN UP ON #1 & #2 FLOW. Sam E. Smith AMP 1323927 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A PERIODIC INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SIGNED <u>Sam E. Smith</u> <u>AMP 1323927</u> TIME IN SERVICE <u>232</u> DATE <u>Aug 22 '59</u>											
BROUGHT FORWARD											
TOTALS											

22/11/2019

[illegible][illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
									CERTIFY THAT THIS ENGINE ^{ENGINE} HAS BEEN INSPECTED IN ACCORDANCE WITH A DET ^{DET} INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SIGNED <u>James L. Smith</u> 1A41323927 TIME IN SERVICE <u>638 HRS</u> DATE <u>AUGUST 7 1963</u> <u>TACU READS 638 HRS</u>		
BROUGHT FORWARD											
TOTALS											

501-105
K27424

[illegible][illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
4-9-78									INSTALL NEW FUEL LINES.		
									REMANUFACTURE AND INSTALL RIGHT		
									SIDE, FRONT, AND RIGHT REAR COOLING		
									BAFFLE.		
									INSTALL NEW OIL COOLER LINES AND		
									INSTALL OIL COOLER.		
									INSTALL ENGINE BREATHER LINE.		
									INSTALL ENGINE FUEL PUMP DIAPHRAGM		
									DRAIN LINE.		
									REMANUFACTURE AND INSTALL ENGINE		
									FUEL PRIMER LINES AND LEFT BANK CYLS.		
									CLEAN, INSPECT AND PRESSURE CHECK		

"CONT'D"

ENGINE LOG

[illegible]

2225

[illegible][illegible]

822534

[illegible][illegible]

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
3-10-83											
I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition <i>[Signature]</i> A+P1419864											
3-25-84											
I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition <i>[Signature]</i> A+P1419864											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
Apr 1 '85							12	13	1		
	Magnetos points and timing checked. Spark plugs cleaned and gapped. Oil and filter changed. Differential compression checked; all cylinders in "100s". Starter and generator brushes checked. Engine drafting inspected and repaired as necessary. New incorel tailpipes installed on exhaust muffler. Shroud removed and muffler checked.										
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
4-1-85							12	13.1			
I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition. Signed: <u>[Signature]</u> Date: <u>4-1-85</u> Time in service: <u>1213.1</u> TT Time since SMOH: <u>388.3</u> 4-1-85 Eng TT <u>1213.1</u> smoh <u>388.3</u> I certify that this engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition <u>[Signature]</u> IA 141984											
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6-22-93							1604	3	Cleaned & Set Plugs checked Timing, Differentials Comp. checked all above 11 uses 80 Brush's checked on Ben + Starter, Pressure checked Muffler, clean & tube prep, Replaced Heat Duct clean Fuel Screen checked all hoses, installed New Propeller, Replaced all carb with serviced & cleaned Ground valves & installed New Rings & Gaskets & Dismantled & checked all AD Compares with		
BROUGHT FORWARD											
TOTALS											

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS — ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
6-22-93							1604	3	1 cert. That this engine has been inspected in accordance with a lead inspection and was determined to be in airworthy condition		
Time Since							5100H	7745	Engine serviced by AP 1467596		
6/22/93							Time Since	2231	0 performed no manual insp. This engine as for 4300HP, D and MFR manuals, oil drained & screens cleaned / insp. Serviced with AeroShell SUT detergent oil. Comp. & must be completed		
15MOH-1487.2							After 10 hrs ADLTL operation & certify that this engine is accepted IFAA. An Annual insp & was found to be in Airworthy condition @ this time.				
BROUGHT FORWARD											
TOTALS											

AP 1467596
2198411214

2275

ENGINE LOG											
DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
12/14/01	Tach	1688.0	Performed the Annual Engine Insp. This date per FAR 43								
	Tsm H.	858.5	App. D. Air engine pressures & indications good. See write-up								
	on 12/8/01	for	work performed, No leaks found. See AD listing for AD details. No other faults found This mrg I certify that								
			This engine was inspected I. A. as the Annual insp & was								
			found to be in Airworthy condition & This time.								
			Aan GSC 219847112 I.A.								
BROUGHT FORWARD											
TOTALS											

[illegible]

RE	LICENS NUMBE
FRR 48	
For AD	
Tiny That	
WSP & car	
Tina.	

2020-10-5
K23X456

[illegible]

ENGINE LOG

DATE	R. P.	Tach:	05/19/20	MENTS	SIGNATURE	LICENSE NUMBER
	GROUND					
	5860A					
	Change oil with 8 qts Phillips 20-50, Install AA48110-2 filter, Cut filter, no issues found, Replace 2 -6 oil coollet lines, Install Serviceable vacuum pump. Install new 6108 Air filter, Insp ELT IAW FAR 91.207 Replace Batteries,Batt Due 05/22, Service nose strut, clean and check Pitot/Static system, Placard Primer, lube controls and pulleys, Leak Test & return to service.					
	Douglas E. Carlock A&P3807302					
BROUGHT FORWARD	TOTALS					

ENGINE LOG

[illegible]

DATE	RTD M. TACH	TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		GROUND	AIR	HRS.	MIN.	HRS.	MIN.			
3-19-22	1796									
BROUGHT FORWARD										
TOTALS										

I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN
 ACCORDANCE WITH AN ENGINE CHECK ONE PER HOUR
 INSPECTION AS PER 43 AND WAS
 DETERMINED TO BE IN GOOD CONDITION.

SIGNATURE [Signature] DATE 3-19-22
 CERTIFICATE NO. 3026056 TACH TIME 1796

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND		TIME IN AIR		TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	GROUND	AIR	HRS.	MIN.	HRS.	MIN.	HRS.	MIN.			
4-10-23									Com PRESSION CHECKED #1 7/80 #2 7/80 #3 7/80 #4 7/80 CHANGED OIL PHILIPS 66 20W-50 8 QTS CHANGED OIL FILTER TIM TEST 48110 AIR FILTER CHANGED & REPLACED w/ BEARCAT 6108 RUN ENG & LEAKS CHECKED 15860A DATE 4-10-23 TIME 1810 HRS. 18 TACH TIME 1810 ENC I CERTIFY THAT THIS LOG HAS BEEN MAINTAINED IN ACCORDANCE WITH AN ICNCL ONE (CIRCUIT ONE) 143 DEPOSED TO BE IN AN AIRWORTHY CONDITION Newbury 143/14 3026054		
BROUGHT FORWARD											
TOTALS											

Date: August 2, 2022

Registration: N5850A

Tach: 1815.3

ACTT

Trouble shoot engine not starting. Found left magneto impulse coupler stuck and failed

Remove left mag S4LN-21 S/N A192641, install overhauled unit by Kelly Aero S/N K-05336

see 8130 dated 14Jul2022. Remove right mag S4LN-20 S/N A194866, install overhauled unit

mounting oil cooler. Re-install cowl. Ground run, all ops checks normal.

All work I.A.W Cessna 172 series service manual and standard shop practices

R.B. Rotax A&P 7.683054

shop practices

4-10	23
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COMPRESSION CHECKED

#1	74/80	#2	78/80	#3	74/80	#4	73/80
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CHANGED oil filters 66 20W-50 8 QTS

CHANGED OUR Reservation BEST 48110

AIR FIGHTER CHARGED & PULLED W/ BOMB

0108 RM ENG & LEAK CHECKED

N/5860A
DATE 4.10.23

ENC

IC THAT THIS 70 HAS BEEN ~~RECEIVED~~ IN
A 7071 MADE WITH AN CIRCLE ONE 7071111111 1100

43

Dear Shirley AEB/HA 3020050

CERTIFICATE NO. 777

N5860A

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCCR389K

Altitude Scale Error

Correction Card

TEST PT(FT)	Indicator Reading at +250
-1,000	-1910
0	-10
500	490
1,000	990
1,500	1490
2,000	1990
3,000	2990
4,000	4000
6,000	6010
8,000	8010
10,000	10010
12,000	12010
14,000	14020
16,000	16020
18,000	18020
20,000	20020
22,000	
25,000	

TEST	Indicator Reading at +250
30,000	
35,000	
40,000	
45,000	
50,000	
55,000	
60,000	
65,000	
70,000	
80,000	

Altitude Scale Error

Position ☒ Pilot ☐ Copilot

Altitude Scale Error

Position ☒ Pilot ☐ Copilot

ALT. SN 450053005

DATE 3-15-23

DOC# E6C123

N5860A

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCCR389K

Altitude Scale Error

Correction Card

TEST PT(FT)	Indicator Reading at +250
-1,000	-1020
0	-20
500	480
1,000	980
1,500	1480
2,000	1980
3,000	2980
4,000	3980
6,000	5960
8,000	7960
10,000	9960
12,000	11950
14,000	13940
16,000	15940
18,000	17920
20,000	19920
22,000	
25,000	

TEST	Indicator Reading at +250
30,000	
35,000	
40,000	
45,000	
50,000	
55,000	
60,000	
65,000	
70,000	
80,000	

Altitude Scale Error

Position ☒ Pilot ☐ Copilot

Altitude Scale Error

Position ☒ Pilot ☐ Copilot

ALT. SN N6306

DATE 3-15-23

DOC# E6C123

N5860A

CAROLINA AVIONICS GROUP, LLC

FAA Approved repair station QCCCR389K

Altitude Scale Error

Correction Card

TEST PT(FT)	Indicator Reading at +250
-1,000	-1000
0	0
500	500
1,000	1000
1,500	1500
2,000	2000
3,000	3000
4,000	4020
6,000	6020
8,000	8020
10,000	10020
12,000	12020
14,000	14040
16,000	16040
18,000	18040
20,000	20040
22,000	
25,000	

TEST	Indicator Reading at +250
30,000	
35,000	
40,000	
45,000	
50,000	
55,000	
60,000	
65,000	
70,000	
80,000	

Altitude Scale Error

Position ☒ Pilot ☐ Copilot

Altitude Scale Error

Position ☒ Pilot ☐ Copilot

ALT. SN 450052139

DATE 3-15-23

DOC# E6C123