

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

APPLICABLE AIRWORTHINESS
DIRECTIVES

10-1-11 8102/60/10

PROPELLER

AVIONICS



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N 94157

Engine Manufacturer Continental

Model C-85-12F

Serial No. 25647-6-12

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- | | |
|--------------------------------|-------------------------------|
| ☐ Right | ☐ Left |
| ☐ Front | ☐ Rear |

Oil Filter Installed.



(All applicable information must be filled in)

AEROTECH PUBLICATIONS INC.

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Sept. 9, 2012	454.56	4 Cyls. Since MOH C2SC Ohrs.	00:00	TOTALS brought forward from previous page During the off runway stop, the engine was stopped by the prop hitting soft mud. Since it is sudden stoppage the engine was disassembled for overhaul or repair as necessary. The following is a list of discrepancies found, the corrections and alterations. 1. Found a push rod tip floating free in the case. All installed pushrods were complete. - Corrected. 2. No 2 intake elbow had one bolt missing and the other very loose. - Corrected during reassembly. 3. Found four thick washers under oil pressure relief valve spring. Removed the washers and installed a new spring during reassembly. 4 Found all crankshaft and connecting rod bearings worn down into the copper. Replaced all bearings during reassembly. 5 Crankshaft worn beyond limits. the crankshaft has been overhauled. 6 Found camshaft worn beyond limits. A new camshaft was installed during reassembly. 7 Found crankcase worn beyond limits in the camshaft bearing areas. The crankcase has been overhauled 8. Found one sparkplug ceramic broken in nose area. Replaced spark plug. 9. Found two incorrect spark plugs installed. Installed correct spark plugs.
3/31/2009 S/N 01050622 Slick 4301 Magneto S/N 01050622 performed a 500 hour inspection and service per Slick Service Manual No. L-1363C dated 2/26/2006. Inspected the impulse coupling. This magneto is considered airworthy and approved for return to service. D&D Aircraft Services 951/265-4767 <i>Dean Whisler</i> Dean Whisler A&P 1365235 IA				SUB-TOTALS this page TOTALS-Carry forward to next page
3/31/2009 S/N 01050625 Slick 4301 Magneto S/N 01050625 performed a 500 hour inspection and service per Slick Service Manual No. L-1363C dated 2/26/2006. Inspected the impulse coupling. This magneto is considered airworthy and is approved for return to service. D&D Aircraft Services 951/265-4767 <i>Dean Whisler</i> Dean Whisler A&P 1365235 IA				Continued →

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				10 Two carburetor heat box studs safetied with cotter pins, this can allow the studs to back out. Resafetied the two studs together with .032 safety wire
				11 Both "P" leads at the ignition switch were almost grounded by the wire shield. Replaced both "P" leads complete.
				12. Replaced the pull-type starter with a Skytec starter per STC SA100775SC and modified the starter pinion per STC SE10076SC.
				13. Replaced the generator with a 30 Amp alternator Per STC SA02283AK. Mounted the voltage conditioner and regulator on the upper left front of the firewall. Also, installed on air duct for cooling.
				14. Excessive valve clearance found on many cylinders during repair. Corrected during cylinder reinstallation
				15. Modified carburetor per the Manufacturers instructions. Installed the sensor. FAA approved per TSO-C43A. Carb. Air Temp. Ind.
				16 Performed a 500 hour inspection and service on both Slick magnetos. The inspection was a long way from from the 500 hour time but I serviced them because of all the other engine work
				SUB-TOTALS this page
				TOTALS -Carry forward to next page

FAA-PMA

This tag certifies that Sky-Tec starter Model C12ST2/S SN 2C-100903 was produced by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement No. 5 per CFR14 Part 21 in accordance with Sky-Tec's FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and conforms to the relevant FAA-approved drawings. This part has been determined to be airworthy. For installation eligibility see www.skytecar.com/eligibility.htm.

Starter Installed on N 94157

(Aircraft)

by Dean Whisler

(Mechanic)

1365235 1A

(A&P No.)

Oct. 24, 2010

(Date of Installation)

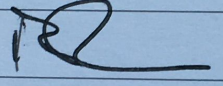
Form CC1108-1

3/31/2009

Continued →

TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTALS brought forward from previous page
			17. Found oil sump heater broken. It has been removed.
			18 Replaced the engine data plate with a new one per Continental Service Information.
			19. Found the engine lifting fitting installed in an incorrect position - Corrected.
			20. Found exoxy installed along several engine seams. - Removed.
			Engine ground run and found operation to be normal.
			<i>Gene Wheeler</i> A&P 1365235 IA
20/12	—	454.56	New one "0" old one 356.66 Complied with AOSI-07-06. Fuel pump inspection <i>Gene Wheeler</i> A&P 1365235 IA
3/14/14	5MOH 0003.99		REMOVED ALL ACCESSORIES AND ACCESSORY CASE INSTALLED NEW GASKETS ON CASE AND ALL DRIVES. SERVED ENGINE WITH 4.5 QT MINERAL OIL. PERFORMED POST MAINTENANCE RUN-UP ENGINE CHECK GOOD AND NO LEAK FOUND Gene Wheeler A&P 3492256
			SUB-TOTALS this page
			TOTALS -Carry forward to next page

50.00 hrs on engine

TE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		13.87	13.87	TOTALS brought forward from previous page
114	13.97	13.87		Performed 100 HOUR inspection IAW FAR 43, APPENDIX D. MAG timing R:28, L:30, Cusomso/gapped plugs, changed oil & filter. 4.5 Qtrs. A-SHELL 80 MINERAL OIL, Compression test: #1 $\frac{78}{80}$ #2 $\frac{75}{80}$ #3 $\frac{78}{80}$ #4 $\frac{79}{80}$ Performed Fuel Pump SCREEN 81-07-CAD inspection, REPLACED Fuel Line grommets @ FWD Baffle, REPLACED Air filter element.  Paul Domeick ^{ASP} 3757961

Aera 51 Aviation Services
550 Airway Blvd Livermore CA, 94551

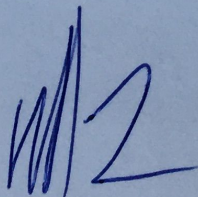
Engine Log

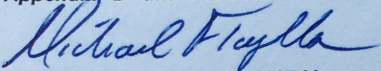
Date: 8/1/16 N94157 Tach: 33.90 TSMOH: 33.90

Work Performed On This Date:

Inspected this **engine** in accordance with FAR 43 App. (D). Compression check #1 74/80 #2 71/80 #3 64/80 #4 72/80. Serviced spark plugs. Installed new main fuel line from firewall to carburetor. Test run and leak check performed. All pressures and temps normal at this time and no major leaks were detected. **I certify that this engine has been inspected in accordance with ANNUAL inspection and determined to be in airworthy condition.**

Michael Town AP5518163301A



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
				Date: 1/10/2018 Aircraft: N94157 Model: Ercoupe 415-C S/N: 1480 Engine: Continental Model: C85-12F S/N: 25647-6-12 AFTT: 2285.03 TACH: 41.57 TSOH: 41.57 1. Performed 100-hr inspection per Ercoupe Service Manual. 2. Performed cylinder leak-down check. Compressions were as follows: #1: 78/80, #2: 77/80, #3: 78/80, #4: 75/80. 3. Checked magneto timing. 4. Changed engine oil filter (Champion CH48108). Added 4 qts Phillips X/C 20W50. 5. Functional checks OK – no leaks noted. 6. AD compliance checked and found current. AD compliance report dated 1/10/2018 provided to owner. I certify that this <u>engine</u> has been inspected in accordance with an Annual inspection per FAR Part 43 Appendix "D" and was determined to be in airworthy condition. END.  Michael Flagella A&P 3772707 IA

7-11-2021, tach: 41.57

Change oil, replace filter. 4 qts Phillips X/C 20W50.
Replace leaking crush gasket at oil screen housing.
Replace all engine mount cushions. Compression test:

#1: 79/80, #2: 77/80, #1: 75/80, #1: 77/80.

Clean/gap plugs, drain carb float bowl, inspect fuel inlet screen. Perform all applicable AD inspections, (see attached AD report.)

Paul Domeier A&P 3757961

9-1-2021 Tach: 41.57, TSMOH: 41.57

I certify this engine has been inspected IAW an annual inspection per the scope & detail of 14 CFR, Part 43, appendix D. All AD's are in compliance, as recorded on attached AD report. The engine at this time is found to be in an airworthy condition.

Paul Domeier A&P 3757961 IA

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