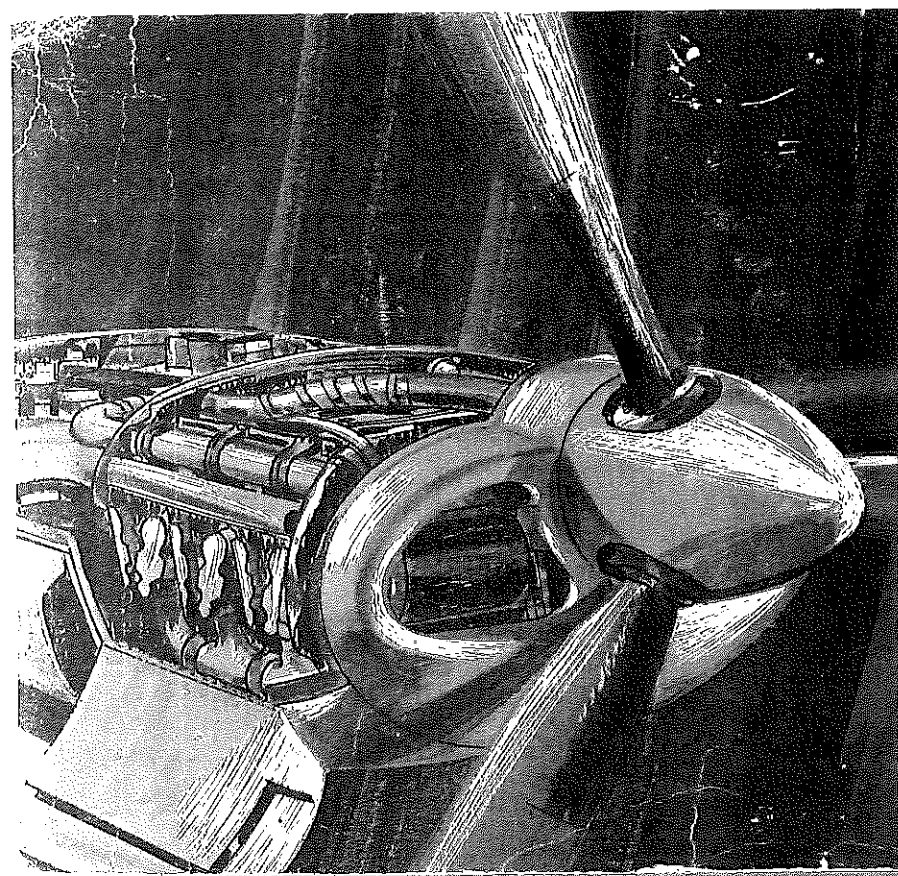
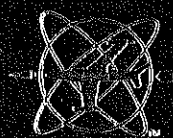




CONTINENTAL ENGINE *and* PROPELLER LOG

N. **3714F**

SERIAL NO. 25243-0-8



The Standard

ENGINE LOG

ALSA-SE-4

Engine Record General Information

Manufacturer TCM Model O-500D

Serial 25243-D-8-D-R Type Certificate _____

This engine is currently installed in aircraft: N3741F

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

YEAR
20
DATE

itions
umber of Technician or

Gilmer Aviation LLC

7/12/2020

N3714F O-300-D S/N 25243-D-8-D-R

TTSOH 0. Total time 3162.8

Installed engine after overhaul by Jewell Aviation Inc. O-300-D S/N 25243-D-8-D-R. Accessories not overhauled. Exhaust not overhauled.

Vacuum pump not overhauled. Installed new fuel line and new oil pressure hoses from PHT hoses. Installed new valve cover gaskets.

Installed overhauled starter 646238-2 s/n H-U061001 see FAA 8130-3 dated 23/June 2020. Serviced with Phillips mineral oil. I certify this aircraft engine has been inspected for a 100 annual inspection and was determined to be in an airworthy condition this date.

Rickey Gilmer A&P 1955732 I.A.

Rickey Gilmer

Jewell Aviation Inc.

418 Airport Rd.
P.O. Box 623
Kennett, MO 63857
573-888-5846
www.jewellaviation.com

Make:	CMI
Model:	O-300-D
Serial#	25243-D-8-D-R
Date:	05/21/2020
Tach:	1370.81
SMOH:	000.0

chnician or

On this date received and overhauled this engine using Continental Overhaul Manual X30013 and Standard Practice Manual M-0. All parts were disassembled, cleaned and visually and dimensionally inspected. All steel parts were magnafluxed and all non-ferrous parts were dye-penetrant inspected. The engine was reassembled using the following new parts: Main bearings, Rod bearings, Rod Bolts, Rod Nuts, Lifter Tappets, Crankshaft seal, Crankshaft and Camshaft gear bolts. Certified Camshaft Installed, See form 8130-3. Installed two new SAP Part# SA10200-A20P cylinder assemblies with new piston pins and cylinder hold down nuts. Four Cylinders were inspected, honed, and were found to be in serviceable limits. The valve seats were ground and the cylinders were assembled with the following new parts: intake and exhaust guides, intake and exhaust valves, valve springs, roto-coils, rocker shafts with washers and bolts, pistons, piston pin assemblies, piston rings, cylinder hold down nuts. Engine was assembled using new gaskets, seals, and hardware. Accessories received with engine were inspected and reinstalled. Complied with all applicable AD's at this time. This engine has been overhauled in accordance with Overhaul Manual X30013 and SPM M-0. Engine made ready for test run in accordance with Continental Aircraft Engine Maintenance Manual Publication M-0, Chapter 7L. Use Straight Mineral Oil for duration of break-in period.

David Jewell AOP 3036572

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.)
5-25-2021			Tach 1434	This date removed #5 #4 #6 cyl for low compression ground valve and seals replaced by guides. Re installed and test run & flew all system checks normal ADP 2013488 J. Smith

DATE _____

S/N: 172-55209

Signs

ber of Technician or

anician or

for
replay
f/cw

285

[illegible]

SCOTT A JENKINS AP 2823404 IA 10/04/2022

Tests, Repairs and Alterations

ne, Rating and Certificate Number of Technician or
r other specific entries.)

N3714F August 27, 2023

Tach: 1610.53

Engine TT:3402.52

Hobbs: 279.6

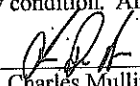
TSOH: 239.72

of Technician or

94-05-05 R1 Cracks - C/W per AD, no defects noted at this time. Due again at next cylinder change or engine overhaul whichever occurs first

1. Performed differential compression test: 1) 72/80 2) 72/80 3) 70/80 4) 62/80 5) 74/80 6) 64/80.
2. Replaced cylinder # five due to a crack in the cylinder. Installed new cylinder assembly P/N SA10200-A20P, S/N 20000013553 including new piston and rocker shaft. All work performed IAW Continental engine service manual.
3. Cleaned, gapped, and tested spark plugs. Replaced a single park plug, Tempest UREM40E
4. Changed oil and filter with 11 quarts Aeroshell 100 mineral oil, Tempest AA48108-2. Inspection of filter media shows no debris.
5. Verified magneto timing
6. Removed and replaced oil filler gasket P/N RG-533355
7. Replaced induction air filter, Brackett Element BA6108
8. Engine leak check performed.

I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition. Airworthiness Directives are listed in the AD Compliance Report.


Charles Mullins
3790649 A&P/IA

N3714F August 27, 2023

Tach: 1610.53 Prop TT: N/A
Hobbs: 279.6 Prop TSMO: 501.81

1. Dressed small nicks from leading edges of blades.

I certify that this propeller has been inspected in accordance with an Annual Inspection and found to be in an airworthy condition. Airworthiness Directives are listed in the AD Compliance Report.

[Signature]

Charles Mullins
3790649 A&P/IA

				+ Torqued 17 ft/LBS
09/24/2023	Oil Change	- 108-2	Filter removed, & replaced with new	
			108-2 filter. Screen/Filter cut no metal shavings	
			located in filter. Engine filled w/ 5 quarts of	
			20W-50 oil. Zac Contorno 3987400 Pilot	
01/11/2024	Oil + filter changed.	Installed AA48108-2	+ 5 quarts 20W-50.	
	Oil was normal, ground run	+ leak checked normal.	Zac Contorno 3987400	
	Tach: 16823			

[illegible]

N3714F

1966 Cessna 172H

Tach: 1766.66

SN: 172-55209

Continental O-300-D

SN: 25243-D-8-D-R

08/30/2024

Engine Annual Inspection

ETT: 3558.65

SMOH: 395.85

1. Removed cowling for inspection. Inspected engine cylinders, crankcase, and accessories. Removed, cleaned, and rotated all spark plugs. Replaced engine intake filter.
2. Compressions: #1 78/80, #2 75/80, #3 75/80, #4 74/80, #5 78/80, #6 74/80.
3. Drained oil, inspected filter, no metal noted. Installed new AA48108-2 filter, serviced engine with 5 quarts Phillips 20W50 engine oil.
4. Inspected exhaust system components, and intake system components.
5. ADs checked through this date, no new ADs.

I certify that this engine has been inspected in accordance with Annual Inspection requirements, and has been found in airworthy condition.

Jacob Fellmeth

AP/IA 3710142 08/30/2024

