

N 28/28

#3



*The Standard*

# ENGINE LOG

ASA-SE-1



YEAR 20 <u>24</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.)
3/2/24	2940.7			N2812N CESSNA 140 SN: 13073
				POWERPLANT: CONTINENTAL C85-12
				POWERPLANT SN: 26179-6-12 TACH: 2940.7
				R & R CYLINDER #4 I.A.W. CONTINENTAL MOTORS
				SERVICE MANUAL. RING GAPS SET I.A.W.
				LOS-09. NEW GASKETS, SEALS, PACKING FROM
				SUPERIOR AER PARTS. SERVICED MOTOR WITH
				3 QUARTS PHILLIPS 20W-50 TYPE M OIL. RUN-UP
				OPS CHECK GOOD. OVERHAULED CYLINDER FROM
				GIBSON AVIATION. PN: SA10200 SN: 115900
				CHRISTIAN CARBONE AP# 4012455 <i>Christian Carboni</i>

YEAR 20____ DATE	RI TA TI	Signature of Technician or
		4/1/2025 <u>N2812N</u> Tach: 3045.2 SMOH: 627.2
		Removed cowlings, cleaned and gapped plugs, removed cylinder #2 and cleaned carbon then lapped valves, compression check all over 68/80, timed mags, lubed all controls.
		No new or reoccurring AD'S apply at this time.
		I certify this engine has been inspected with an Annual inspection in accordance to AC 43-13 Appendix D and was determined to be in airworthy condition.
		Returned to service.
		Ty Sabata A&P 3913085 IA <i>Ty</i>



## GODSIL AVIATION LLC

## ENGINE LOG ENTRY

Registration: N2812N  
Airframe S/N: 130730  
Engine: Continental C-85-12  
Engine S/N: 26179-6-12

Prop: McCauley 1A90  
Prop S/N: 4692  
ACFTT: 4077.4  
SMOH: Unknown

512

Tach: 2931.1  
Hobbs:  
Prop TT:

Technician or

## INSPECTION:

1. C/W 100 Hour/Annual Inspection of the engine using the Continental Motors Engine Service Manual and 14 CFR 43, Appendix D as guide.
2. Performed compression check as follows: 1- 72/80, 2- 52/80, 3- 50/80, 4-60/80. Master Orifice: 42psi.

## MAINTENANCE:

3. Removed cylinder #3 due to low compression. Installed new Superior Millennium Cylinder P/N SA10200-A21P using Continental Motors Engine Service Manual and Superior Air Parts instructions.
3. Drained engine oil, removed filter and inspected for contaminants, none found. Installed new filter P/N AA48110-2. Serviced with ( 4 ) quarts of Phillips 20w50 Type M oil.
5. Checked timing, ignition leads, removed spark plugs, cleaned, checked gap, rotated and installed in the engine with new gaskets.
6. Replaced Brackett Air Filter BA4108 with new element.
7. Performed ground run and leak check. No leaks noted. Function checks ok.

## AIRWORTHINESS DIRECTIVES:

8. Researched applicable Airworthiness Directives using the AD Toolbox Online.

I certify that this **Engine** has been inspected in accordance with a **100 Hour/Annual inspection** and has been found to be in airworthy condition and returned to service. **Donivan P. Godsil** *[Signature]* AP36173441A 11-21-2022

YEAR  
20\_\_\_\_  
DATE

RECORDING  
TACH  
TIME

TODAY'S  
FLIGHTTOTAL  
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.)

GODSIL AVIATION LLC

Engine Log Entry

Registration: N2812N  
Airframe S/N: 130730  
Engine: Continental C85-12F  
Engine S/N: 26179-6-12

Prop: McCauley 1A90  
Prop S/N: 4692  
ACFTT: 4086.3  
SMOH: 522

Tach: 2940.0  
Hobbs:  
Prop SMOH:

1. Inspected engine referencing Continental M-0 and Cessna Early 100 Series MM as guide.
2. Compressions: 1- 74/80, 2- 66/80, 3- 80/80, 4- 50/80. Master Orifice 45psi
3. Removed remaining spark plugs, cleaned, gapped, rotated and re-installed.
4. Checked magneto to engine timing, throttle, mixture, carburetor heat controls. Lubed as required.
5. Drained engine oil, removed filter, cut and inspected for debris. No contaminants noted. Serviced oil with Phillips XC20w50 as required.
6. Removed carburetor, sent to Aircraft Accessories of Oklahoma (FAA CRS# RV3R829L) for overhaul under W/O 60065 dated 12/08/23. Installed as per ref Continental M-0.
7. Performed ground run and leak check, no leaks noted. Cowling installed.

I certify this **engine** has been inspected with a 100 Hour/Annual inspection and found to be in airworthy condition at this time.

Donivan P. Godsil

AP36173441A 12-30-23



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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Leavenworth Aviation Services LLC

Date: 11-12-2021 ENGINE

N2812N

Engine Model: Cont C-85-12 S/N: 26179-6-12 Tach: 2623.0 TSMOH: 422.8

Annual inspection completed IAW the aircraft service manual. Compression #1-76/80, #2-74/80, #3-75/80, #4-75/80. Checked all exhaust gaskets and hardware. Checked muffler is ok. Checked all spark plugs, ok. Air Intake filter and bracket checked ok. Motor mounts were inspected and appears to be excellent as were power coated. No cracks.

Lubed all controls and checked for stiffness, intake gaskets. Checked timing. All oil lines checked. Aircraft run leaks and ops checked ok. I certify that this aircraft engine has been inspected and is airworthy and can be returned to service.. End Dean Ayres

IA 3814183

1-19-22				Oil Change w/ 20W-50 Oil Filter Tempest AA48108-2 Cellinawazli 4215348
2-15-22				Removed carb replaced needle, seat and bowl gasket, adjusted float level, Test run no leaks. JWB-AP3463807 IA James Greer DBA Greer ACN LLC

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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4-12-22

Oil change w/ Phillips 66 XC 20W-50 Oil Filter Tempest AA48108-2  
Cellinawazli 4215388

6/27/2022

N2812N

TACH: 2623.0

TSMOH:

- 1) Removed Copilot side exhaust stack and installed 2 new Blo-Proof exhaust gaskets (PN 652459) , 1 new stud and 2 brass exhaust nuts.
- 2) Removed #1 cylinder rocker cover gasket. Installed serviceable rocker cover (replaced the warped one) and new gasket.

All work performed in accordance with Continental Overhaul Manual and AC43.13-1B.



Michael Williamson  
A&P 3749947




YEAR 20 <u>24</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.)
11-4-24	2506.6	✓	A/c	TT 3941.6 Engine TT 2506.6 Engine TSMOH 306.4 Comp. CK #1 $7\frac{1}{80}$ #2 $7\frac{1}{80}$ #3 $7\frac{1}{80}$ #4 $7\frac{1}{80}$ Change Oil & Filter Service Engine with 4 qts W100 Aeroshell & Install New CH4V108-1 Filter Cut open old filter found No Foreign Material. Clean Gap Test & Inspect Spark Plugs. Replace Engine Air Induction Filter Element. Install Mixture Control Cable & Adjust as Needed. Inspect Exhaust & Heater Muff. Cont. to Next Page →

- Cont. from Previous Page -

YEAR 20 <u>24</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.)
11-4-20	2506.6	✓	A/c	TT 3941.6 Engine TT 2506.6 Engine TSMOH 306.4. - Systems for Leaks. Wash Engine & Cowling test Run Inspect for Leaks. None Noted at this time. AD's Checked to this Engine Model & Serial # Using t-data Rev 2424-24-No Engine AD's to Ewe this time -  Date <u>11-4-24</u> total time <u>2506.6</u> I certify this <u>ENGINE</u> has been inspected in accordance with a <u>100 hr.</u> inspection and was determined to be in airworthy condition. Signature <u>Smith</u> AEP No. <u>446423169</u>



YEAR 20 <u>18</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.)
				<p>ENGINE MODEL: Cont C-85-12 ENGINE S/N: 26179-6-12 REG #: N2812N A/C TT 2466.2</p> <p>DATE: 4 APR 2018 ENGINE TT: 2466.2 TSMOH: 266.0 TACH: 2466.2</p> <p><b>POWERPLANT ENTRIES</b> Performed 100-hour inspection of the engine IAW inspection checklist for the Continental C-85 Maintenance Manual. Hot Compression checks: #1-75/80, #2-77, #3-75, and #4-76. Checked and lubed engine controls. Cleaned, gapped, rotated plugs. Installed new plug gaskets. Changed oil with 4.5 qts of Aeroshell 100W with 5oz of Camguard. Removed and replaced oil filter with CH48108-1. Inspected old oil filter for particles. Oil analysis submitted. Replaced air filter w/ BA-4108. Replaced 2 inch SCAT on engine heat systems. Washed engine with Varsol. Engine ran, no leaks noted.</p> <p>I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in Airworthy Condition.</p> <p>DATE: <u>4/4/18</u> SIGNED: <u>[Signature]</u> A&amp;P: <u>2651889</u></p>

YEAR 20 <u>19</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.)
				<p>ENGINE MODEL: Cont C-85-12 ENGINE S/N: 26179-6-12 REG #: N2812N</p> <p>DATE: 4 Aug 2019 TSMOH: 294.6 TACH: 2494.8</p> <p><b>POWERPLANT ENTRIES</b> Performed 100-hour inspection of the engine IAW inspection checklist for the Continental C-85 Maintenance Manual. Warm Compression checks: #1-74/80, #2-71, #3-72, and #4-72. Checked and lubed engine controls. Cleaned, gapped, rotated plugs. Installed new plug gaskets. Changed oil with 4 qts of Aeroshell. Removed and replaced oil filter with CH48108-1. Inspected old oil filter for particles. Replaced air filter w/ BA-4108. Engine ran, no leaks noted.</p> <p>I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in Airworthy Condition.</p> <p>DATE: <u>8/4/19</u> SIGNED: <u>[Signature]</u> A&amp;P: <u>2651889</u></p>



YEAR 2015 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.)
28 MAR	2413.6	—	—	CHANGE OIL & FILTER. 4QTS Aeroshell 100W. NO LEAKS CLEAN FILTER INSPECTION 7/16/15 AEP 265889

ENGINE MODEL: Cont C-85-12  
ENGINE S/N: 26179-6-12  
REG #: N2812N  
A/C TT: 2419.6

DATE: 04 August 2015  
ENGINE TT: 2419.6  
TSMOH: 247.9  
TACH: 2419.6

#### POWERPLANT ENTRIES

Performed 100-hour inspection of the engine IAW inspection checklist for the Continental C-85 Maintenance Manual. Hot Compression checks: #1-72/80, #2-73, #3-78, and #4-78. Checked and lubed engine controls. Cleaned, gapped, rotated plugs. Installed new plug REM40E on 2T and 3T. Installed new plug gaskets. Changed oil with 4.5 qts of Aeroshell 100W. Removed and replaced oil filter with CH48108-1. Inspected old oil filter for particles. Replaced air filter w/ BA-4108. Washed engine with Varsol. Engine ran, no leaks noted.

- I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in Airworthy Condition.

DATE: 8/4/15 SIGNED: Sam O. 4 A&P: 265889

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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ENGINE MODEL: Cont C-85-12  
ENGINE S/N: 26179-6-12  
REG #: N2812N  
A/C TT 2443.1

DATE: 17 JAN 2017  
ENGINE TT: 2391.1  
TSMOH: 242.9  
TACH: 2443.1

#### POWERPLANT ENTRIES

Performed 100-hour inspection of the engine IAW inspection checklist for the Continental C-85 Maintenance Manual. Hot Compression checks: #1-78/80, #2-71, #3-78, and #4-72. Checked and lubed engine controls. Cleaned, gapped, rotated plugs. Installed new plug gaskets. Changed oil with 4.5 qts of Aeroshell 100W. Removed and replaced oil filter with CH48108-1. Inspected old oil filter for particles. Oil analysis submitted. Replaced air filter w/ BA-4108. Repaired crack on engine mount, top center. Installed new hardware that location, new nuts all locations. Added doubler to aft, right engine baffle. Washed engine with Varsol. Engine ran, no leaks noted.

- I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in Airworthy Condition.

DATE: 1/17/2017 SIGNED: Sam O. 4 A&P: 265889



*Kip Coe*

*#2*

**ENGINE LOG  
AND MAINTENANCE RECORD**



ENGINE MODEL: Cont C-85-12  
ENGINE S/N: 26179-6-12  
REG #: N2812N  
A/C TT: 2358.4

DATE: 1 May 2013  
ENGINE TT: 2358.4  
TSMOH: 186.7  
TACH: 2358.4

### POWERPLANT ENTRIES

Performed 100-hour inspection of the engine IAW inspection checklist for the Continental C-85 Maintenance Manual. Hot Compression checks: #1-75/80, #2-78, #3-76, and #4-76. Checked and lubed engine controls. Cleaned and gapped plugs. Two new plugs installed. Installed new gaskets. Checked mag timing and security. Changed oil with 4.5 qts of Aeroshell 100W. Removed and replaced oil filter with CH48108-1. Inspected old oil filter for particles. Oil analysis submitted. Replaced air filter w/ BA-4108. Inspected exhaust and heat mufflers. Washed engine with Varsol. Engine ran twice, no leaks noted.

- I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in Airworthy Condition.

DATE: 5/1/13 SIGNED: [Signature] A&P: 265889

REMARKS  
ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING - AND OVERHAULS - AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK."  
ALL DATA MUST BE IN THE PRESENT TENSE

ENGINE MODEL: Cont C-85-12  
ENGINE S/N: 26179-6-12  
REG #: N2812N  
A/C TT: 2358.4

DATE: 10 June 2014  
ENGINE TT: 2391.1  
TSMOH: 219.4  
TACH: 2391.1

### POWERPLANT ENTRIES

Performed 100-hour inspection of the engine IAW inspection checklist for the Continental C-85 Maintenance Manual. Hot Compression checks: #1-78/80, #2-78, #3-77, and #4-78. Checked and lubed engine controls. Cleaned, gapped, rotated plugs. Installed new plug gaskets. Changed oil with 4.5 qts of Aeroshell 100W. Removed and replaced oil filter with CH48108-1. Inspected old oil filter for particles. Oil analysis submitted. Replaced air filter w/ BA-4108. Washed engine with Varsol. Engine ran, no leaks noted.

- I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in Airworthy Condition.

DATE: 6/10/14 SIGNED: [Signature] A&P: 265889



DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19									

ENGINE MODEL: Cont C-85-12  
ENGINE S/N: 26179-6-12  
REG #: N2812N  
A/C TT: 2253.3

DATE: 10 FEB 2011  
ENGINE TT: 2253.3  
TSMOH: 81.6  
TACH: 2253.3

**POWERPLANT ENTRIES**

Performed 100-hour inspection of the engine IAW inspection checklist for the Continental C-85 Maintenance Manual. Hot Compression checks: #1-76/80, #2-77, #3-77, and #4-75. Checked and lubed engine controls. Cleaned and gapped plugs, installed new gaskets. Checked mag timing and security. Changed oil with 4.5 qts of Aeroshell 100W. Removed and replaced oil filter with CH48108-1. Inspected old oil filter for particles. Replaced air filter w/ BA-4108. Inspected exhaust and heat muffers. Washed engine with Varsol. Engine ran twice, no leaks noted.

I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in Airworthy Condition.

DATE: 10 FEB 11 SIGNED: [Signature] A&P: 265889

TOTALS							CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE

DATE	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
19	

8-16-11 CHANGE ENGINE OIL AND FILTER (CH 48108-1). SOLICITED ENGINE NEW SGT. OF AEROSHELL 100W INSPECTED OIL FILTER. NO LEAKS NOTED ON LPT. TAKH TIMES 2301.0 [Signature] A&P 265889

ENGINE MODEL: Cont C-85-12  
ENGINE S/N: 26179-6-12  
REG #: N2812N  
A/C TT: 2314.3

DATE: 5 MAR 12  
ENGINE TT: 2314.3  
TSMOH: 141.3  
TACH: 2314.3

**POWERPLANT ENTRIES**

Performed 100-hour inspection of the engine IAW inspection checklist for the Continental C-85 Maintenance Manual (MMM). Hot Compression checks: #1-78/80, #2-77, #3-76, #4-76. Checked and lubed engine controls. Cleaned and gapped plugs, installed new gaskets. Checked mag timing and security. Oil was changed at 2301 hrs. Replaced air filter w/ BA-4108. Inspected exhaust and heat muffers. Crack weld repair RT exhaust, aft stack. Washed engine with Varsol. Engine ran twice, no leaks.

I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in Airworthy Condition.

DATE: 5 MAR 12 SIGNED: [Signature] A&P: 265889



DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON	CERTIFICATE
Engine Log Entry					

01/26/10 2171.7 Tach 00.0 TSMOH Continental C-85 S/N 26179-6-12

### LOG ENTRY CONTINUED FROM PREVIOUS PAGE

Reinstalled alternator and starter as removed. The following new parts supplied by A.E.R.O. were installed: Major overhaul gasket set P/N SA646539-A1, bearing set P/N S530058A4-M20, rod bearing set P/N S639-640M20, 8 rod bolts P/N SA530213, 8 rod nuts P/N SA24804, 16 hoses, 8 each of P/N's SA22800 & SA21-185, 10 cotter pins P/N 639292, 36 screws (24 of P/N 649353, 4 of P/N SA22534, 4 of P/N 22532, 2 of P/N 24252, 1 of P/N 24878, and 1 of P/N 21218), 1 oil seal P/N 530019, 4 seal-o-locks P/N 538556, 16 clamps P/N MS39326-20, 8 nuts P/N SA531003, 1 spring-o-press relief valve P/N 637083, 1 generator drive retainer P/N 653982, and 2 bushings P/N 632050. Repaired left forward engine baffling as necessary. Reinstalled exhaust system with all new hardware. This engine was reinstalled in Cessna 140, N2812N. Serviced with 4.5 qts Aeroshell 80 oil. Replaced air filter element, installed 8 new Champion REM40E spark plugs, checked and lubed engine controls. Installed McCauley 1A-90 propeller, S/N 4692. Engine operation and testing was done with reference to Service Bulletin M89-7, Rev. 1. All parameters satisfactory.

I certify that this engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in Airworthy Condition.

Signature Mark C. Clegg

A&P 3030006

DATE	REMARKS
20/10	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
3/1/10	DEAINED OIL. NO FILTER CHANGE REPLACED W/ 4.5 QTS AEROSHELL MINORAL OIL. A&P 2658899
7/6/10	CHANGED OIL AND FILTER. SERVICED WITH AEROSHELL 100/10. (CHAS108 FILTER) CUT AND INSPECTED FILTER. OBSERVED BOILING MATERIAL FROM ENGINE BEAK-IN IN FILTER PLATS. A&P 2658899
8/17/10	REMOVED STARTER AND REPLACED WITH ADJUST OF LOUISVILLE OVERHAULED STARTER (W/O# S8208, PART # 1109656, SOL # A015040) AND STARTER DRIVE (W/O# S8208, PART # 1109656, SOL # A015040). WORK COMPLETED AND CONTINENTAL OVERHAUL MINORAL. A&P 2658899



DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19									

### Engine Log Entry

08/01/09 2171.7 Tach 935.8 TSMOH Continental C-85 S/N 26179-6-12

Removed this Continental C-85 engine, S/N 26179-6-12, from Cessna 140, N2812N, for overhaul.

Signature Mark Anderson A&P 3030006

TOTALS									

CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE

DATE	REMARKS
19	<p>ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK."</p> <p>ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER</p>

### Engine Log Entry

01/26/10 2171.7 Tach 00.0 TSMOH Continental C-85 S/N 26179-6-12

This engine, S/N 26179-6-12, completely disassembled, cleaned, inspected, repaired, and reassembled within the fits and limits for a Major Overhaul with reference to Continental Motors Overhaul Manual #X30010, applicable parts manual, service bulletins and airworthiness directives. Crankcase was repaired and certified by Crankcase Services, W/O CSU8066, dated 8/18/09. The following parts were reworked by Aircraft Engine & Accessory: Crankshaft repaired & certified, W/O 156302, dated 8/11/09; eight tappet bodies reconditioned & certified, W/O 156304, dated 9/17/09; four connecting rods reconditioned & certified, W/O 156303, dated 8/5/09; crankshaft gear, camshaft gear, and generator drive gear were cleaned & inspected, W/O 157578, dated 11/30/09. Replaced camshaft with new surplus P/N 40584. Rocker arms were re-bushed and refaced by Sal's Aircraft Cylinders, Inc., W/O S-1855, dated 11/13/09. Installed 4 reworked exchange cylinders, S/N's S-1188-1, S-1188-2, S-1188-3, & S-1188-4, supplied by Sal's Aircraft Cylinders, Inc., W/O S-1855, dated 11/13/09. Reinstalled carburetor, S/N 1159, after overhaul by Aircraft Accessories of Oklahoma, W/O 39642, dated 11/30/09. Installed 2 overhauled Bendix mags, S/N's 187639 & 225404, overhauled by Joe's Aircraft Ignition Service, W/O's 1863 & 1864, dated 12/4/09.

LOG ENTRY CONTINUED ON NEXT PAGE

Signature Mark Anderson A&P 3030006



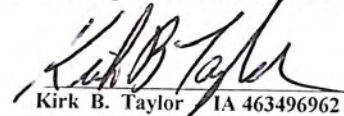
DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19									

Engine Log: N2812N Cont. C-85 S/N 26179-6-12  
Tach Time: 2101.3

01 -April-2008  
TSMOH: 865.4

Complied Removed and replaced #2 cylinder with factory Continental new cylinder kit. Removed and replaced accessory housing with new customer supplied part including all new oil pump impeller gears. Installed with all new gaskets. Replaced all motor mounts with new p/n 22387. Replaced all motor mounts bolts with new AN6-46. Serviced engine with 4 quarts of Aeroshell W100 Plus. Performed engine run and leak check, none noted. Oil pressure is good.

BY: Total Aircraft Services, Inc.  
1633 County Road 130  
Pearland, Texas 77581

  
Kirk B. Taylor IA 463496962

11/11/08	OWNER CHANGED OIL & REPLACED W/AEROSHELL PLUS & CHAMPION 48108 FILTER TACH 2134.8
TOTALS	

CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE

DATE	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS LOG BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
19	
03-31-2007	Replaced Air Filter with P/N BA-4108, pulled comp check #1 7 7/80, #2 7 7/80, #3 7 7/80, #4 7 7/80. cleaned & gapped sparkplugs, cleaned fuel screen, Replaced 1 (ea) REM40E sparkplug. I certify that this engine has been inspected IAW 2 100HR inspection and was determined to be in an Airworthy condition. Tach Time 2154.0 TSMOH <del>865.4</del> 918.10 22M Gordon M. Mahan A+PIA 1898905







DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19						
08-10-04				<b>CLEMS A&amp;E SERVICE</b>		
				Reg:N2812N - Make:CONTINENTAL - Model:C85-12		
				S/N:26179-6-12 Tach:2061.3		
				TSMOH:825.4 TSTOH:262.7		
				<b>ANNUAL INSPECTION</b>		
				CHANGE OIL AND FILTER,SERVICED WITH AEROSHELL 100 AND CH48108		
				FILTER ,CHECKED EXHAUST AND HEAT MUFFS, REPLACED AIR FILTER P/N		
				BA-4108,COMPRESSION CHECK, #1-75/80 #2-71/80 #3-72/80 #4-72/80, CHECK		
				ALL ENGINE CONTROLS FOR CORRECT AND FREE OPERATION.CLEANED AND		
				GAPPED PLUGS,REPLACED #2 AND #4 CYL. BOTTOM SPARK PLUGS,		
				REPLACED #1 AND #3 EXHAUST GASKETS,WASH ENGINE AND RUN FOR OPS		
				AND LEAK CHECK.		
				ROBERT SPECK A&P 2755448		
				<i>Robert Speck</i>		
				I certify that this ENGINE has been inspected in accordance		
				with an ANNUAL inspection and was determined to be in an		
				airworthy condition.		
				<i>C.S. Lewandowski</i>		
				C.S. LEWANDOWSKI		
				A&P I/A 1412101		
TOTALS						

DATE	REMARKS	CERTIFICATE NUMBER
19	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK"	
09-09-05	<b>CLEMS A&amp;E SERVICE</b>	
	Reg:N2812N - Make:CONTINENTAL - Model:C85-12	
	S/N:26179-6-12 Tach:2074.0	
	TSMOH:838.1 TSTOH:280.4	
	<b>ANNUAL INSPECTION</b>	
	CHANGE OIL AND FILTER,SERVICED WITH AEROSHELL 100 AND CH48108	
	FILTER ,CHECKED EXHAUST AND HEAT MUFFS, REPLACED AIR FILTER P/N	
	BA-4108,COMPRESSION CHECK, #1-72/80 #2-78/80 #3-73/80 #4-77/80, CHECK	
	ALL ENGINE CONTROLS FOR CORRECT AND FREE OPERATION.CLEANED AND	
	GAPPED PLUGS,WASH ENGINE AND RUN FOR OPS AND LEAK CHECK.	
	ROBERT SPECK A&P 2755448	
	<i>Robert Speck</i>	
	I certify that this ENGINE has been inspected in accordance	
	with an ANNUAL inspection and was determined to be in an	
	airworthy condition.	
	<i>C.S. Lewandowski</i>	
	C.S. LEWANDOWSKI	
	A&P I/A 1412101	







DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
3-3-1900							change oil, Filter, clean & gap plugs, compression check, check exhaust sys. carb. wash engine, run up check OK.		
							I certify that this Aircraft/Engine has been inspected in accordance with the Annual/100 hour inspection and was determined to be in Airworthy Condition.		
							TACK Time 1926:9 Total Time 128:3 STOM		
							Date 3-3-00 / 1412101 IA		
							A. S. Lewandowski		
TOTALS							CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
4-4-01	change oil, Filter clean & gap plugs compression check, #1 73 2 76 3 74 4 74 change air Filter, Run up check OK.
	I certify that this Aircraft/Engine has been inspected in accordance with the Annual/100 hour inspection and was determined to be in Airworthy Condition.
	TACK Time 1923:9 Total Time 185:3
	Date 4-4-01 / 1412101 IA
	C. S. Lewandowski



DATE 19__	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
							I Certify That This Engine/Aircraft Has Been Inspected In Accordance With Annual/100 Hour Inspection And Was Determined To Be In Airworthy Condition. (C) S.T.O.H.		
							TACK Time <u>1798:6</u> Total Time _____		
							Date <u>1-6-98</u> Tomball, Texas		
							<u>C.S. Lewandowski AIT</u>		
							1412101		
2-1-99							change oil, add oil Filter assem. part # TAF.		
1895:3							STC. SE7562 SW. change Air filter, install a		
							Aero Electric AIT. and VR600A Reg. change output		
							wire to #8 Field wire To. 18 ga. 60 AMP. gage		
							40 AMP Cir. Breaker and a 5 AMP Field Cir. Breaker		
							all work done as per Cessna 150 wiring diagram		
TOTALS							CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE 19__	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS- SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.	
		AND Electrosystems INC. wire Diagram for Regula- tor VR.600A. Cessna C661001-0201 14 volts. Sys. work. great.
	I Certify That This Engine/Aircraft Has Been Inspected In Accordance With Annual/100 Hour Inspection And Was Determined To Be In Airworthy Condition.	
	TACK Time <u>1895:3</u> Total Time <u>96.7</u> S.T.O.H.	
	Date <u>2-1-99</u> Tomball, Texas	
	<u>C.S. Lewandowski AIT 1412101</u>	



DATE 19 <u>94</u>	TIME ON GROUND		TIME IN AIR		TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
						New Muffler and tail-Pipe were installed		
						Change oil, clean screen change		
						Plugs, REM 40 E check mag coil		
						as per AD 94-01-03 change air filter		
						check compression check,		
						#1 76/80 2.78/80 - 3.78/80 H# 76/80		
						Run up check OK 2250 RPM.		
						I Certify That This Engine/Aircraft Has Been Inspected in Accordance With Annual/100 Hour Inspection And Was Determined To Be In Airworthy Condition.		
						TACH Time 1735.6 Total Time 523.60		
						Date 8-2-94 Tomball, Texas		
						C.S. Lewandowski AIP 1412101		
TOTALS						CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE 19 <u>95</u>	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.	
		Remove Carb. disenable, clean and Replace all gasket, Replace Float with a useable Float. Set float lever, Replace New Needle Taflon. C.S. Lewandowski AIP 1412101
1-25-98	Top overhaul all 4 cyl. New ex. and int. seat	
1738.6	(4) 641792 (4) 10204 (4) ex valves 10105, (4) ex guides (4) 10206 Oil Rings, 1007, 4 2000 compression 8 1000 Rings Horn cyl. Fit Rings, leak check. Find OK. install all 4 cyl. using New seals & gasket. Lifter clearance was .030 to .010 Run up check OK. Return to Service. See next page.	







DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 <u>91</u>									
1-29-91		TACH	1668.9				433.0 SMCH		
	100	Hour	inspection						
		Removed	cowling			changed oil & bleed			
		Screen	replaced			4QT5 15W50 Penoshell			
		ran comp	Read			#1 64/80 #3 68/80 #2 68/80 #4 72/80			
		cleaned	Plugs			check fuel screen bleed			
		mag timing				ccw ad 48-25-2 insp mufflers			
		installed	new			valv gaskets on #1 & 3 cylinders			
		replaced	misc			seal outing ad 78-9-7 p3			
		Due	in			67.0 Hours Engine control insp &			
TOTALS							CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE	REMARKS	
	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.	
19		
	LDA-21 Installed New BAAHett Air Filter	
	Engine washed ran up no sign or leaks	
	cowl installed	
	I CERTIFY THAT THIS <u>ENGINE</u> HAS	
	BEEN INSPECTED IN ACCORDANCE WITH A <u>100</u>	
	<u>Hour</u> INSPECTION AND WAS DETERMINED	
	TO BE IN A <u>Airworthy</u> CONDITION	
	DATE <u>1-29-91</u>	TOTAL TIME <u>433.0 SMCH</u>
	ISS. TACH <u>1668.9</u>	<u>DA Kelly</u> IA <u>451417586</u>



DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 <u>89</u>						
10-11	TACH Time 1648.2			SMOH 412.3		
	100HR inspection			Removal conl		
	RAN comp CR #4 Low pulled replaced					
	INTAKE VALVE gnd seats faced Exh valve					
	Replaced cyl installed new Lugs			Seals		
	7 gaskets now comp on #4 790 #2			CR #3 64/80		
	#1 64/80 cleaned gasket + Rotated plugs			changed		
	oil cool screen added 4 qts 50W 150					
	cool mag timing welded #2 Exh flange					
	Installed new Delrin needle in carb					
	All work done as per cont overhaul manual					
TOTALS				CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

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19	
	AS per Bendix 5B ACSB-84 Rev 1 Replaced
	CARB gaskets CWRD 48-25-2 INSP mufflers
	for cracks OK AD 78-9-703 Due in
	87.7 HRS Installed Brackett air filter
	ASSY #BA4106 Eng washed saw up cool or
	NO S-SN of leaks conl installed
	I CERTIFY THAT THIS <u>engine</u> HAS
	BEEN INSPECTED IN ACCORDANCE WITH A <u>100</u>
	<u>Hour</u> INSPECTION AND WAS DETERMINED
	TO BE IN A <u>prwenty</u> CONDITION
	DATE <u>10-11-89</u> TOTAL TIME <u>412.3 SMOH</u>
	REC. TACH <u>1648.2</u> <u>D. J. H. H.</u> IA. <u>457417586</u>



DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
1987						
Aug. 22				Oil changed to Aero 15-50. Oil, air and fuel screens clean. Mag. points + timing checked and adjusted. Spark plugs cleaned, gapped and checked OK. Muffler + exhaust system inspected. Diff. comp. check. 1- $\frac{11}{80}$ 2- $\frac{11}{80}$ 3- $\frac{7}{80}$ 4- $\frac{9}{80}$ . Misc items of preventative maintenance performed.		
				AERO SALES & SERVICE BOX 217 CORDELL, OKLA. 73632		
				I certify that this engine has been inspected in accordance with a <u>100%</u> inspection and was determined to be in an air worthy condition.		
				Total Time TACH 1578.9 Date Aug 22, 1987		
				GLENN A. SIPES A & P 1308929		
				<i>Glenn A. Sipes</i>		
TOTALS				CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
1988	
Sept 22	Oil changed to Aero 15-50. Oil, air and fuel screens clean. Mag. points and timing checked. Spark plugs cleaned, gapped and checked. Muffler and exhaust system OK. Diff. Comp. check 1- $\frac{67}{80}$ 2- $\frac{74}{80}$ 3- $\frac{74}{80}$ 4- $\frac{64}{80}$ . I certify that this engine has been inspected in accordance with a <u>100%</u> inspection and was determined to be in an air worthy condition. Total Time TACH 1616.0 Date Sept. 22, 1988 GLENN A. SIPES A & P 1308929 <i>Glenn A. Sipes</i>







DATE 19__	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
TOTALS							CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE 19__	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS- SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
	5-6-83
10-83	" 1313 " " " 15-50 "
1-4-84	" 1320.5 SMOH 84
06-02-84	Tach Time 1321.6 Hours Cleaned oil screen- cleaned & Gapped sparkplugs. Compression TEST #1 76/80 #2 77/80 #3 80/80 #4 77/80 Cleaned carburetor inlet screen- checked magneto points & Timing <del>Verify</del> Engine inspected in accordance with S.T.C. # SE 634 GL (Unleaded Gas) see 337 this day I certify that engine has been inspected in accordance with a Annual inspection & found acceptable James Rydick FA-AP 1797655



DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 <u>81</u>									
11-11-81	TACH	TIME			1280.9	HRS			
	CHANGED OIL AND INSPECTED OIL SCREEN. REPLACED OIL WITH 15W 50 AEROSHELL. RAN ENGINE AND CHECKED FOR LEAKS.								
							Craig D. Chubb		
							AIP 505909623		
TOTALS							CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

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Apr 16, 1983	Tac time 1290.5 hrs Annual inspection completed this date. See inspection sheet dated this date for details. Checked ADs for compliance or listed in AD compliance Record. Compression check #1-79/80 #2-79/80 #3-75/80 #4-79/80
	I certify this <u>Eng</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.
	<u>Bobbie J. Harvey</u> Bobbie J. Harvey Insp. Auth. 1258204
	BOUGHT AIRCRAFT THIS DATE 4-17-83
	TACH 1290.5 LOUIS LOSEKE







DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 <u>81</u>									
(CONT)	SEE LAST PAGE OF LOG BOOK FOR MAINTENANCE RELEASE.								
	COMPLIED WITH CONTENENTIAL GENERATOR DRIVE A.O. 49-50-1 BY INSTALLING CONTENENTIAL GENERATOR DRIVE COUPLING BUSHING P/N 626543								
	COMPLIED WITH BENDIX A.O. 73-07-04 BY INSTALLING BENDIX COIL PIN 10-357164 AND BENDIX ROTATING MAGNET PIN 10-52947								
	COMPLIED WITH BENDIX A.O. 78-09-07 BY INSTALLING NEW IMPULSE COUPLING CAM BENDIX P/N 10-59437								
	(CONT NEXT PAGE)								
TOTALS									
							CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

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19 _____	
	RUN IN IN ACCORDANCE WITH CONTENENTIAL OVERHAUL MANUAL
	Craig D. Elwer A/P 505909623
6-1-81	Tach time 1235.9 annual inspection completed Thru. Dls. See inspection sheet Dts. for Dls. checked & completed with AD as listed in AD compliance Record.
	I certify this <u>Eng</u> has been inspected in accordance with <u>AD</u> inspection and was determined to be in airworthy condition.
	<u>Bobbie J. Harvey</u> Bobbie J. Harvey Insp. Auth. 1258204



DATE	TIME ON GROUND		TIME IN AIR		TOTAL TIME		SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19									
07-17-73					1228.7		INSPECTED ENGINE		
							CHECKED COMPRESSION, WASHED ENGINE, CHANGED		
							OIL, CLEANED SPARK PLUGS, AIR SCREEN, OIL SCREEN		
							FUEL SCREEN, I CERTIFY THIS ENGINE HAS BEEN		
							INSPECTED IN ACCORDANCE WITH § 100 H.C. INSPECTION		
							AND FOUND TO BE AIRWORTHY		
							John M. Bishop		
							APP 2010324		
7-17-73							I certify that this Engine has		
							been inspected in accordance with		
							a Annual inspection and was found		
							to be in an Airworthy condition.		
							John M. Bishop		
TOTALS							CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

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19 81			
6-1	TACH TIME 1235.9		
	OVERHAULED ENGINE IN ACCORDANCE WITH		
	CONTINENTAL OVERHAUL MANUAL USING THESE PARTS		
	QUANTITY	ITEM	PART NUMBER
	1	GASKET SET	24890A2
	8	PUSH RODS	537870
	4	ROCKER ARM PINS	21153
	1	BEARING SET	530058A1
	12	ROCKER BOX BUSHING	22949
	1	RING SET	40691A1
		BUSHING INSTALLED IN ACCESSORY CASE AND	
		SPARK PLUG BUSHING INSTALLED IN CYLINDER	
		HEAD BY CENTRAL CYLINDER SERVICE INC. (OVER)	







[illegible]

DATE	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING- AND OVERHAULS - AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFICATED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
19	
	8-21-69 Tach reading 1187 hrs.
	Installed new voltage Regulator P/N 1118383
	check electrical system charged battery
	I certify that this <sup>ENGINE</sup> aircraft has been
	inspected in accordance with a 100 HR
	inspection and was determined to be in
	airworthy condition. Date 8-21-69
	James M. Tallock
	A & P 1826190







## REMARKS

ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING-AND OVERHAULS-AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK."  
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DATE

19

8-24-63. according tach time 1126.7hrs  
Engine Major overhaul replaced Rod & Main Bearings  
010 under replace shaft ground 010 under. replaced  
Piston Rings. 2 exhaust Valve guides and 1 exhaust flat.  
all steel parts magnafluxed. replaced crankshaft gear and  
Cam shaft gear. Valve refaced. Reeds rescaled and Valves  
ground in. Replaced Timing Rocker Arms. 1 oil hydraulic unit  
Engine run in on ground. 3.30: Run in gear. replaced  
of spark plugs and cleaned oil screen.

Jack Smaligan  
11/1981.  
198P

S.B.  
R.D.M.

DATE

19

TIME ON  
GROUNDTIME IN  
AIR

TOTAL TIME

SIGNATURE OF PERSON  
MAKING EACH ENTRYCERTIFICATE  
(LICENSE)  
NUMBER

RATING

CARRY THE TOTALS OF THE THREE "TIME"  
COLUMNS FORWARD TO TOP OF FRESH PAGE

TOTALS



ENGINE LOG  
AND MAINTENANCE RECORD  
Type AP-13

N 2812 N

Record of Continental C85-12 A/c 13073  
Make Model Serial  
Eng wt # 26179-6-12  
From \_\_\_\_\_ 19\_\_\_\_ To \_\_\_\_\_ 19\_\_\_\_  
Detailing Time From \_\_\_\_\_ To \_\_\_\_\_  
Hours—Minutes Hours—Minutes



~~2812N~~  
2812N

#1

  
Cessna

**ENGINE**  
**AND PROPELLER LOG**



## ENGINE LOG

[illegible]

## ENGINE LOG

[illegible]



## ENGINE LOG

[illegible]

## 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.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7-29-1960 Tach Recd 770.4			I certify that this aircraft Engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition. 7-29-60										
			David O. Hallam A&E 1354808										
11-15-1960 Tach Recd 820.0			Engine given Top Overhaul, Valves refaced, seats new Rings Installed, New plugs & intake hoses, gaskets where needed, Oil & fuel screens cleaned, Air filter serviced, Engine Run in per Cont. Manual.										
			I certify that this aircraft Engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition. 11-15-60										
BROUGHT FORWARD													
TOTALS													



## ENGINE LOG

[illegible]

## ENGINE LOG

[illegible]



# ENGINE LOG

[illegible]

# ENGINE LOG

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
3-24-54	This Engine removed from Aircraft Cessna 140 N 2134N Serial No. 12370 after Aircraft was damaged in emergency landing. Kenneth E Moler A/P 661809.												
1-28-58	This Engine completely disassembled all steel parts magnafluxed. Crankshaft checked for runout. Engine given a complete Major Overhaul with all new inert bearings, new rings & gaskets, valves & valve seats refaced all parts replaced as standard. Magna, starter, generator and carburetor overhauled. New spark plugs and ignition cable. Kenneth E Moler A/P 661809.												
1-23-58	Total Time = 350:05 I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A PERIODIC INSPECTION & WAS FOUND TO BE AIRWORTHY. Earl M Silver A/P-768469												
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.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1953													
5-22						2	00		2	76	00	L. O. L.	346 996
5-28						1	00		2	77	00		346 996
5-28						1	30		2	78	30		346 996
6-1							50		2	79	20		346 996
6-1							40		2	80	00		346 996
6-1						1	00		2	81	00		346 996
6-10						3	00		2	84	00		346 996
6-23							40		2	84	40		346 996
6-26							30		2	85	10		346 996
6-27						1	00		2	86	10		346 996
6-28							25		2	86	35		346 996
6-28							50		2	87	25		346 996
6-28						2	00		2	89	25		346 996
7-3							30		2	89	55		346 996
7-5							30		2	90	25		346 996
7-13						1	45		2	92	10		346 996
BROUGHT FORWARD													
TOTALS											2	92	10

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1953													
7-13						2	15		2	94	25		346 996
7-25						1	50		2	96	15		346 996
7-25							30		2	96	45		346 996
7-26							50		2	97	35		346 996
7-26						1	45		2	99	20		346 996
8-6						1	50		3	01	10		346 996
8-6							10		3	01	20		346 996
8-6						1	45		3	03	05		346 996
8-8						5	30		3	08	35		346 996
8-9						6	10		3	14	45		346 996
8-15						1	25		3	16	10	oil change	346 996
8-15							120		3	17	30		346 996
8-26						1	00		3	18	30		346 996
9-6							15		3	18	45		346 996
9-24						1	05		3	19	50		346 996
9-24							15		3	20	05		346 996
BROUGHT FORWARD													
TOTALS											2	75	320 05



## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1952													
10-27						1	00	230	00			L.O. Linneman	346996
10-27						1	10	231	10			L.O. Linneman	346996
10-30							35	231	45			L.O. Linneman	346996
10-30							20	232	05			L.O. Linneman	346996
10-30							45	232	50			L.O. Linneman	346996
11-1						1	55	234	45			L.O. Linneman	346996
11-2						1	50	236	35			L.O. Linneman	346996
11-7						1	40	238	15			L.O. Linneman	346996
11-8							30	238	45		Repaired oil leaks.	L.O. Linneman	346996
11-9						1	45	240	30			L.O. Linneman	346996
11-14						1	00	241	30		Oil Change	L.O. Linneman	346996
11-15						1	00	242	30		"	L.O. Linneman	346996
11-16						1	00	243	30			L.O. Linneman	346996
11-16							15	243	45			L.O. Linneman	346996
12-19						2	30	246	15			L.O. Linneman	346996
BROUGHT FORWARD													
TOTALS									246	15			

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1953													
1-10						2	30	248	45				
2-7						2	45	251	30			R.N. Bolick	341416
2-22						4	15	255	45			R.N. Bolick & L.O. Linneman	346996
2-28						2	45	258	30			R.N. Bolick	
4-10						3	50	262	20			R.N. Bolick	
4-12						2	10	264	30			R.N. Bolick & L.A. Linneman	
4-12							10	264	40		→ Oil Change	L.O. Linneman	346996
4-13						1	40	266	20			L.O. Linneman	346996
4-16						1	45	268	05			R. Middleton	
4-23							40	268	45			L.O. Linneman	346996
4-24							30	269	15			L.O. Linneman	346996
5-3						1	00	270	15			L.O. Linneman	346996
5-8						1	00	271	15			L.O. Linneman	346996
5-11						2	45	274	00		→ oil change	L.O. Linneman	346996
BROUGHT FORWARD													
TOTALS									274	00			



## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1952													
9-14						20		194 10			Oil changed on 193 hrs. 50 min. g.t.	L. Taylor	C. 14684
9-22						1 20		195 30				R. N. Bolick	
9-23						1 50		197 30				L. A. Lieuwen	346996
9-24						1 30		198 50				L. A. Lieuwen	346996
9-28						2 00		200 50				L. A. Lieuwen	346996
9-29						1 30		202 20				L. A. Lieuwen	346996
9-30						1 30		203 50				L. A. Lieuwen	346996
9-30						1 10		205 00				L. A. Lieuwen	346996
10-2						45		205 45				L. A. Lieuwen	346996
10-2						10		205 55				L. A. Lieuwen	346996
10-2						1 35		207 30				L. A. Lieuwen	346996
10-3						1 55		209 25				L. A. Lieuwen	346996
10-4						1 15		210 40				L. A. Lieuwen	346996
10-4						1 10		211 50				L. A. Lieuwen	346996
10-5						1 40		213 30				L. A. Lieuwen	346996
10-5						30		214 00				L. A. Lieuwen, R. N. Bolick	
BROUGHT FORWARD													
TOTALS									214 00				

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1952													
10-6						1 45		215 45			oil change	L. A. Lieuwen	346996
10-8						45		216 30				L. A. Lieuwen	346996
10-8						15		216 45				L. A. Lieuwen	346996
10-8						45		217 30				L. A. Lieuwen	346996
10-10						35		218 05				L. A. Lieuwen	346996
10-10						10		218 15				L. A. Lieuwen	346996
10-11						35		218 50				L. A. Lieuwen	346996
10-16						20		219 10				L. A. Lieuwen	346996
10-16						1 30		220 40				L. A. Lieuwen	346996
10-17						1 40		222 20				L. A. Lieuwen	346996
10-17						2 00		224 20				L. A. Lieuwen	346996
10-17						1 30		225 50				L. A. Lieuwen	346996
10-17						20		226 10				L. A. Lieuwen	346996
10-22						35		226 45				L. A. Lieuwen	346996
10-25						40		227 25				L. A. Lieuwen	346996
10-26						1 35		229 00				L. A. Lieuwen	346996
BROUGHT FORWARD													
TOTALS									229 00				



## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1950													
4-16-50						1	45				9-6-50 Periodic Inspection		
4-30-50						3	00				checked Run up - maps:		
6-5						3	15				Cleaned Engine - checked nuts		
6-1						5	00				Bolts: checked Schenck Bolt		
7-4						1	00				Propeller OK. Engine		
1951											airworthy for annual inspection		
7-1						3	30				D. M. Muthes		
											4 TE # 231881		
Airplane Purchased by Jack Gilmanell, July 19, 1951													
BROUGHT FORWARD						176	19						
TOTALS						193	49						

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
											9-29-51 Periodic inspection for annual		
											endowment - plugs cleaned, maps		
											checked, generator checked & new rubber		
											coupling installed, screws & wings		
											cleaned, engine checked & washed down		
											Engine, airworthy		
											Ronald H. Tuldberg AVE 422994		
											9-13-52 100 hr. Inap for annual		
											renewal. It is certified that		
											this engine has full strength		
											Inap according to C.A.R. & found		
											to be airworthy. all notes from		
											AD 553-21 Completed with By		
											R.E. Niederhauer A+E 563131		
											9-13-52 airworthiness form 1362		
											Issued this date By R.E. Niederhauer		
											P.A.N.I. 5586		
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.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1-18				10		2	00		2	10			
1-25				15		1	45		2	00			
1-29				10		1	15		1	25			
2-1				10		1	00		1	10			
2-8				10			45			55			
2-9				20		3	30		3	50			
2-9				10		1	20		1	30			
2-10				20		1	25		1	45			
2-16				15			40		1	05			
2-22				20		2	50		1	10	6-26-48		
4-15				15			45		1	-	Completed this date		
5-6				25		1	25		1	50	100 hrs. engine inspection		
5-30				20		1	00		1	20	Replaced both exhaust		
6-6				15		1	15		1	30	stacks.		
6-20				15			45		1	-	Bartlett W. Gimm		
6-26				15		3	10		3	25	AFE 594460		
BROUGHT FORWARD									12	24			
TOTALS									147	29			

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7-18						1	0						
8-1						1	15		1	25	6-26-48		
9-19						1	40		1	50	Manual Drop		
11-14						2	15		1	35	AC Lister		
						2	10		2	30	5220		
2-9-49						2	35		2	55	5-28-49 Reamed wood Propeller		
4-10						2	10		2	20	and distilled McCaulley		1A90
5-15						2	15		2	35	CF checked OK		
5-22							50		1	-			
5-29							30			40	D. Minkes		
6(5+6)						8	-		8	40	Refits #235881		
6-18						2	-		2	10			
7-7							20			30			
7-11							30			40			
BROUGHT FORWARD									14	29			
TOTALS									176	19			



# ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
8-19-47				10		2	15		2	25			
8-20				5		3	20		3	25			
8-21				5		1	30		1	35			
8-22				5		1	40		1	45			
8-23				6		1	00		1	05	oil change.		
8-24				10		2	30		2	40			
8-27				10		2	00		2	10			
8-30				5			45			50			
9-1				5		1	30		1	35			
9-4				5		1	15		1	20			
9-5				15		3	00		3	15	oil change.		
9-6				8		1	15		1	20			
9-7				15		3	15		3	30			
9-12				5			30			30			
9-14				5			45			50			
9-24				10		2	30		2	40			
BROUGHT FORWARD									68	34			
TOTALS									99	29			

# ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
9-27				10		2	00		2	10			
10-1				5			30			35			
10-12				5		1	30		1	35			
10-15				5			45			50	oil change.		
10-16				5		1	00		1	05			
10-23				10		1	45		1	55			
10-27				10		1	30		1	40			
10-30				10		2	50		3	00			
11-9				5		1	00		1	05			
11-16				10		1	10		1	20			
11-30				10			25			35			
12-8				10		1	00		1	10			
12-14				10		1	00		1	10			
12-21				10			45			55			
1-4				10			40			50			
1-7				10			50			1 00	oil change.		
BROUGHT FORWARD									99	29			
TOTALS									120	24			



## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
4/24/47				5			40			45			
4/27/47				5			52			57			
4/28/47				5			1 40			1 45			
4/29/47				5			30			35			
5/25/47				5			1 05			1 10			
5/30/47				5			1 08			1 13	Oil change		
6/6/47				5			2 55			3 00			
6/8/47				5			1 15			1 20			
6/11/47				5			2 55			3 00			
6/15/47				5			42			47			
6/18/47				5			1 20			1 25			
6/23/47				5			1 30			1 35			
6/24/47				5			1 00			1 05			
6/29/47				5			52			57			
7/1/47				5			1 00			1 05			
7/2/47				5			1 30			1 35	changed oil		
7/6/47													
BROUGHT FORWARD										21 00			
TOTALS			1 20			20 54				43 14			

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
7/11/47				5			36			35			
7/14/47				5			1 35			1 40			
7/16/47				5			1 15			1 20			
7/20/47				5			1 15			1 20			
7/21/47				5			1 00			1 05			
7/27/47				5			2 30			2 35			
7/28/47				5			45			50			
8/3/47				5			1 50			1 55			
8/4/47				5			1 45			1 50			
8/6/47				10			0 15			0 25			
8/7/47				5			1 15			1 20			
8-10-47				10			1 00			1 10	oil change.		
8-14-47				10			1 30			1 40			
8-15				10			1 45			1 55			
8-17				15			2 45			3 00			
8-18				10			2 30			2 40			
BROUGHT FORWARD										43 14			
TOTALS										68 34			



## ENGINE DESCRIPTION

Date

Place Muskegon, Michigan

Mfgr. Continental Motors Corporation  
 Type Horizontal Opposed  
 Rated H.P. 85  
 Rated R.P.M. 2575  
 Bore 4 1/16  
 Compression Ratio

Model C-85-12

Serial No. 26179-6-12

182

Weight (Dry)

30-60

Maximum H.P. 85

Maximum R.P.M. 2575

Oil Pressure

188

Cu. In.

Stroke 3 5/8

Displacement

Supercharger Ratio

Gear Ratio

Propeller Sensenich

Hub Design

Hub Serial No.

Blade Design

Blade Serial No.

Blade Serial No. M9244

Maximum Hub H.P.

Maximum Blade H.P.

Pitch

Diameter 7 1/4

Length 7 1/2

Owners Name

City

State

## ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1-21-47				10			35			45			
1-28-47							25			10			
3-9-47				5			45			50			
3-10-47				5			25			40			
3-12-47				5			125			130			
3-20-47				5			145			150			
3-26-47				5			45			50	Oil change		
3-27-47				5			100			105			
3-28-47				5			100			105			
3-30-47				5			30			35			
4-9-47				5			45			50			
4-11-47				5			55			100			
4-11-47							25			25			
4-13-47				5			20			25			
4-16-47				5			150			155			
4-20-47				5			100			105			
BROUGHT FORWARD													
TOTALS										2100			