

NO. 27777

#3

 *The Standard*  
**ENGINE LOG**

ASA-SE-1

YEAR 2024	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			<p>N2812N CESSNA 140 SN: 13073</p> <p>POWERPLANT: CONTINENTAL C85-12</p> <p>POWERPLANT SN: 26179-6-12 TACH: 2940.7</p> <p>R&amp;R CYLINDER #4 I.A.W. CONTINENTAL MOTORS SERVICE MANUAL. RING GAPS SET I.A.W. LOS-09. NEW GASKETS, SEALS, PACKING FROM SUPERIOR AIR 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 CARBONI AP# 4012455 (Christian Carboni)</p>

YEAR 20	RECORDING TACH TIME	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.)
4/1/2025	N2812N Tach: 3045.2 SMOH: 627.2	<p>Removed cowling, cleaned and gapped plugs, removed cylinder #2 and cleaned carbon then lapped valves, compression check all over 68/80, timed mags, lubed all controls.</p> <p>No new or reoccurring AD'S apply at this time.</p> <p>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.</p> <p>Returned to service.</p> <p>Ty Sabata A&amp;P 3913085 IA </p>

**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

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.)				

GODSIL AVIATION LLC

*Engine Log Entry*

**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 80/80, 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.  
4. 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.

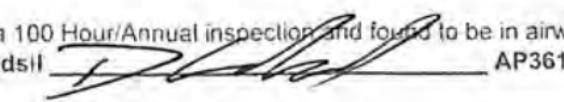
I certify that this **Engine** has been inspected in accordance with a **100 Hour/Annual inspection** and has been found to be in airworthy condition and returned to service. **Donivan P. Godsil**  AP3617344IA 11-21-2022

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

*Engine Log Entry*

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  AP3617344IA 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

N2812N

Date: 11-12-2021    ENGINE    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    *Dean Ayres*    IA 3814183

1-17-22				Oil Change w/ 20W-50 Oil Filter Tempest AA48108-2 Cellular/voicemail 4215388
2-15-22				Removed carb replaced needle, seat and bowl gasket, adjusted float level, Test run no leaks. (With AP3463807 ST James Green DBA Green Aeronautics

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.)
4-12-22				Oil change, w/ Phillips 66 XC 20W-50 Oil filter tempest AA48108-2 Cellular/voicemail 4215388

6/27/2022    N2812N    TACH: 2623.0    TSMOH:

- 1) Removed Copilot side exhaust stack and installed 2 new Bio-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.

*M. Williamson*

Michael Williamson  
A&P 3749947

- Cont. from Previous Page -

YEAR 2024 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 3941.0 Engine TT 2506.6 Engine TSMOH 306.4 Comp. CK #1 $7\frac{1}{2}$ $7\frac{1}{2}$ $7\frac{1}{2}$ #3 $7\frac{1}{2}$ $7\frac{1}{2}$ Change Oil & Filter Service Engine with 4 gts w/100 Aeroshell 9 Install New C44D108-1 filter Cut open old filter found No Foreign Material. Clean Gp filter & Inspect Spark Plugs. Replace Engine Air Induction filter Element. Install Mixture Control Cable & Adjust as needed. Inspect Exhaust & Halter Muff. Cont. to Next Page →

YEAR 2024 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 3941.0 Engine TT 2506.6 Engine TSMOH 306.4 - Systems for Leaks. WASH Engine & Cowling fast Run Inspect for Leaks. None noted this time. AD's checked to this Engine Model & Serial # Using t. data Rev 2024-24-N. Engine AD's to come this time -  11-4-24 total time 2506.6  The <u>Engine</u> has been inspected in conformance with a <u>100 hr.</u> inspection and was determined to be in <u>airworthy</u> condition. P. Smith, AAF No. 446423169

YEAR 2018	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.)

ENGINE MODEL: Cont C-85-12  
ENGINE S/N: 26179-6-12  
REG #: N2812N  
A/C TT 2466.2

DATE: 4 APR 2018  
ENGINE TT: 2466.2  
TSMOH: 266.0  
TACH: 2466.2

#### 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, #2-77, #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.

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

DATE: 4/4/18

SIGNED: *James O. Key*

A&P: 265889

YEAR 2019	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.)

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

DATE: 4 Aug 2019  
TSMOH: 294.6  
TACH: 2494.8

#### POWERPLANT ENTRIES

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.

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

DATE: 8/4/19

SIGNED: *James O. Key*

A&P: 265889

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.)
28MAR	2413.6	-	-	CHANGE OIL & FILTER. 4 QTS Aeroshell 100W. NO LEAKS CLEAN FILTER INSPECTION A&P 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 #4-72. 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: 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.)

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

#1

**ENGINE LOG  
AND MAINTENANCE RECORD**

DATE	TIME ON	TIME IN	TOTAL TIME	RATING	DATE	REMARKS	
19					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." ALL DATA MUST BE IN PENCIL.	
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			
<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, #2-78, #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 muffs. Washed engine with Varsol. Engine ran twice, no leaks noted.				<b>POWERPLANT ENTRIES</b> Performed 100-hour inspection of the engine IAW inspection checklist for the Continental C-85 Maintenance Manual. Hot Compression checks: #1-78/80, #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.			
<ul style="list-style-type: none"> <li>I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in Airworthy Condition.</li> </ul>				<ul style="list-style-type: none"> <li>I certify that this engine has been inspected in accordance with a 100-Hour Inspection and was determined to be in Airworthy Condition.</li> </ul>			
DATE: <u>5/1/13</u>	SIGNED: <u>Tom O. G.</u>		A&P: <u>265889</u>	DATE: <u>6/10/14</u>	SIGNED: <u>Tom O. G.</u>		A&P: <u>265889</u>
TO							
FOLD FORWARD TO TOP OF FRESH PAGE							

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 muffs. 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 2011

SIGNED:

*Sam C. F.*

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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
19	

8-16-11 CHANGE ENGINE OIL AND FILTER (CH 48108-1). SERVICED ENGINE NEW 5 QTS OF AEROSHELL 100W INSPECTED OIL FILTER. NO LEAKS NOTED ON

LPT. TACH TIME: 2301.0

*See 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 muffs. 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:

*Sam C. F.*

A&P: 265889

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

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

*Mac's Cessleyers*

A&P 3030006

DATE	REMARKS
7/10/10	ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-AL TRADINGS-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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
3/1/10	Drained oil. No filter change replaced w/ 4.5 qts Aeroshell Mineral oil. <i>Mac A&amp;P 265889</i>
7/6/10	Changed oil and filter. Serviced with Aeroshell 100/mo. (H48108 FILTER) (UT-10) Inspected filter. Observed scaling material from engine break-in in filter. <i>Mac A&amp;P 265889</i>
8/17/10	Removed stator and replaced with 100% Tech of Louisville overhauled stator (W/O# S8205, PART # 1109656, SOL # A015040) and stator drive (W/O# S8203, PART # 119656, SOL # A015040). Work completed in accordance with Continental overhaul manual. <i>Mac A&amp;P 265889</i>

## 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.

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

M - L (Indoor) A&R 3030006 —

Signature Mark C. Augspurger A&P 3030006

**TOTALS** **COLUMNS FORWARD TO TOP OF FRESH PAGE**

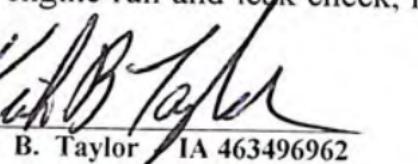
DATE 9	REMARKS ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REPAIRS-ALTERATIONS-SERVICING - AND OVERHAULS - AS OUTLINED IN THE FRONT OF THIS BOOK UNDER THE HEADING "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER		
	Engine Log Entry		
1/26/10	2171.7 Tach 00.0 TSMOH	Continental C-85	S/N 26179-6-12
<p>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 &amp; Accessory: Crankshaft repaired &amp; certified, W/O 156302, dated 8/11/09; eight tappet bodies reconditioned &amp; certified, W/O 156304, dated 9/17/09; four connecting rods reconditioned &amp; certified, W/O 156303, dated 8/5/09; crankshaft gear, camshaft gear, and generator drive gear were cleaned &amp; 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, &amp; 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 &amp; 225404, overhauled by Joe's Aircraft Ignition Service, W/O's 1863 &amp; 1864, dated 12/4/09.</p> <p><b>LOG ENTRY CONTINUED ON NEXT PAGE</b></p> <p>Signature <u>Mark Crowley</u></p> <p>A&amp;P <u>3030006</u></p>			

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

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.

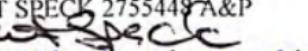
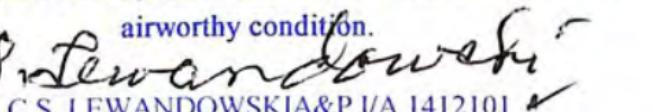
BY: Total Aircraft Services, Inc.  
1633 County Road 130  
Pearland, Texas 77581

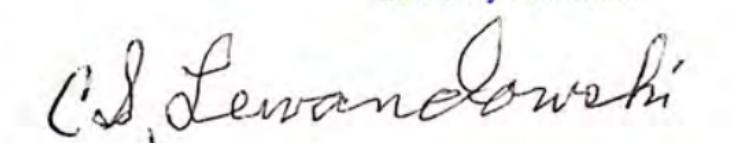
  
Kirk B. Taylor IA 463496962

11/11/08	OWNER CHANGED OIL & REPLACED w/AEROSHELL PLUS & CHAMPION 48108 FILTER TACH 2134.8					
CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE						
TOTALS						

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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.

03-31-2007	Replaced Air filter with P/N BA-4108, pulled comp check #1 7 1/80, 2 7/80, 4 3/80, 6 7/80. Cleared & gapped sparkplugs, cleaned Fuel screen, Replaced 1 (eg) REMT406 sparkplug. I certify that this engine has been inspected within a 100HR Inspection and was determined to be in airworthy condition. Tach Time 2154.0 TSMOH 87.2 918.10 22M Gordon M. Malone AFPIA 1898905
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DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON	CERTIFICATE (LICENSE) NUMBER	RATING
19				10-06-06 <b>CLEMS A&amp;E SERVICE</b> Reg:N2812N - Make:CONTINENTAL - Model:C85-12 S/N:26179-6-12 Tach:2084.3 TSMOH:848.4 TSTOH:290.7 <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, #1-70/80 #2-75/80 #3-72/80 #4-77/80, CHECK ALL ENGINE CONTROLS FOR CORRECT AND FREE OPERATION.CLEANED AND GAPPED PLUGS, R&R ALL ACCESSORIES AND ACCOSSORY HOUSING AND OIL SUMP, REPLACE GASKET ON OIL PICK UP TUBE AND SAFETY. REINSTALL OIL SUMP, ACCESSORY HOUSING, AND ACCESSORIES WITH NEW GASKETS.REPLACE TACH DRIVE SEAL. REPLACE STARTER DRIVE SEAL. REPLACED POINTS AND CONDENSER R/H MAGNETO. TIME MAGS TO ENGINE.WASH ENGINE AND RUN FOR OPS AND LEAK CHECK. ROBERT SPECK 2755449 A&P 		
I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.						
 C.S. LEWANDOWSKI&P I/A 1412101						
TOTALS						
TIME						

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		HIS RATING AND CERTIFICATE NUMBER
19	03-18-08 <b>CLEMS A&amp;E SERVICE</b> Reg:N2812N - Make:CONTINENTAL - Model:C85-12 S/N:26179-6-12 Tach:2096.1 TSMOH:860.2 TSTOH:302.5		
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, #1-74/80 #2-78/80 #3-75/80 #4-78/80, CHECK ALL ENGINE CONTROLS FOR CORRECT AND FREE OPERATION.CLEANED AND GAPPED PLUGS, WASH ENGINE AND RUN FOR OPS AND LEAK CHECK.			
I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.			
 C.S. LEWANDOWSKI&P I/A 1412101			



DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING	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."
19							ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
4-10-03	Change oil and Filter - Change air filter - Service with Aeroshell 100 - Check exhaust and heat muffs - Compression Check #1 $\frac{74}{100}$ #2 $\frac{74}{100}$ #3 $\frac{74}{100}$ at $\frac{74}{100}$ degrees and wash engine - Run up for leak 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 2043.9 Total Time 210.3 STOH						
	Date 4-10-03 / 1412101 IA -						
	C. S. Lewandowski						
TOTALS							
	CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE						

DATE	REMARKS
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."
	ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
4/21/03	Compression check #1 $\frac{76}{100}$ #2 $\frac{76}{100}$ #3 $\frac{73}{100}$ at $\frac{74}{100}$ Charge oil and filter - Service with Aeroshell 100 - Change air filter - Inspect Exhaust system and heat muffs - wash engine - Run up - 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 2041.3 Total Time 242.7 STOH
	Date 4/21/03 / 1412101 IA -
	C. S. Lewandowski

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.
10-01	<p>4-4-01 Change oil, Filter clean + gap plugs Compression check. 11.73 2.76 3.74 4.74 change air filter. Run up check OK.</p> <p>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.</p> <p>TACK Time <u>1983:9</u> Total Time <u>185:3</u></p> <p>Date <u>4-4-01</u> 1412101 IA ✓ Cob-Lewandowski</p>

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
	19					
				I Certify That This Engine/Aircraft Has Been Inspected In Accordance With Annual/100-Hour Inspection And Was Determined To Be In Airworthy Condition. (O) STOH		
				PACK Time 1798.6 Total Time		
				Date 1-23-98 Tomball, Texas		
				C. S. Lewandowski A+T		
				1412101		
2-1-99	change oil, add oil filter assen. part # TAF.					
1895.3	STC SE7562 SW. change air filter, install a					
	Aero Electric Alt. and VR600A Reg. change output					
	wire to #8 Field wire To 18ga, 60 AMP. gage					
	60AMP Cr. BKT. and a 5AMP 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		

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19	
	AND Electrosystems INC. wire Diagram for Regulator for VR600A. CESSNA C6611001-0201 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.
	PACK Time 1895.3 Total Time 96.7 STOH.
	Date 2-1-99 Tomball, Texas
	C. S. Lewandowski A+T 1412101

DATE 1994	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 94-01-023 change air filter Check compression check, #1 76/80 2.78/80 - 3 78/80 HK 26/80 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.		
				TACI Time 17.35.6 Total Time 52.3.60		
				Date 8-2-94 Tomball, Texas		
				1st Lemanowski AAT 14.12.01		
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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
19 95	Remove carb. disassemble, clean and Replace all gasket, Replace Float with a useable Float. Set float lever, Replace New Need & Teflon. C.S. Lewandowski A&P. 1412101
1-25-98	Top overhaul all 4 cyl. New et. and int. seal
1-28-98	④ 641792 ④ 10204 ④ ex Valves 10105, ④ ex guides ④ 10206 Oil Rings. 1007, 4 2000 compressing 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
03-08				ENG 4379 TACH 1673.8 ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION 3-8-92 BILL TEAFF AMP 466467012 IA		
TOTALS				CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 91						
1-29-91	TACH 1668.9		433.0	Smooth		
	100 hour inspection					
	Reconditioned bearings changed oil & checked					
	Screen replaced 4475 15L050 Penoshell					
	MAN comp Replaced #1 64/80 #3 68/80 #2 68/80 #4 72/80					
	Cleaned plugs checked fuel screen cleared					
	MAF trimmings CW AD 49-25-2 insp mufflers					
	Installed new carb gaskets on # 1 & 3 cylinders					
	Replaced nose seal ducting AD 78-9-7 p3					
	Pve in 67.0 hours engine control insp x					
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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
19	1-29-91 Installed new B.A. filter Engine overhauled ran up to spec on all tanks Cowl installed
	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN A AIRworthy CONDITION DATE 1-29-91 TOTAL TIME 433.0 Smooth REG. TACH 1668.9 Odometer IA 451417586 S-1-13

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
10-11	TACH Time 1648.2	SMOTH	412.3			
	100hr inspection	removal	coast			
	fan comp ca #4	Loos pulled	replaced			
	Intake valve	gasket seats	fixed	Exh valve		
	replaced oil	installed	now	seals		
	#5 gaskets now comp on	#4	7990	#2	0000	#3 64/80
	#1 64/80	cleaned & gapped	+ rotated	plugs	changed	
	oil clean	screen	Added	4 Qts	50W	00
	clock plug	Thru	welded	#2	Exh flange	
	Installed new	del. n	needle	in carb		
	All work to spec	as per	cont	overhaul	manual	
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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.</p> <p>AS per Bordix 5b ACSB-84 Rev 1 replaced  CARB gaskets CWA 48-25-2 1NSD mufflers  for cracks ok or AD 78-9-7 Q3 Dec 19  87.7 hrs installed bracket oil filter  ASSY # BA4106 eng washed down up cleaned or  no s-s-n of leaks coil installed</p> <p>I CERTIFY THAT THIS <u>engine</u> HAS  BEEN INSPECTED IN ACCORDANCE WITH A <u>100</u>  <u>Hrs</u> INSPECTION AND WAS DETERMINED  TO BE IN A <u>presently</u> CONDITION</p> <p>DATE <u>10-11-89</u> TOTAL TIME <u>412.3</u> SMOT  REC. TACH <u>1648.2</u> O/H/H <u>1A</u> 437417586</p>

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 15-0. Oil, air and fuel screens clean. Mag. points + timing checked and adjusted. Spark plugs cleaned, gapped and checked. Muffler + exhaust system OK. Diff. comp. check 1- $\frac{1}{8}$ 0 2- $\frac{1}{8}$ 0 3- $\frac{1}{8}$ 0 4- $\frac{1}{8}$ 0. 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 <del>books</del> 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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER
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- $\frac{1}{8}$ 0 2- $\frac{1}{8}$ 0 3- $\frac{1}{8}$ 0 4- $\frac{1}{8}$ 0. I certify that this engine has been inspected in accordance with a <del>books</del> 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	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19						
6/11/85	1456	5	1456	cleared + <sup>repaired</sup> spark plug. Reconnected + reseated ignition harness. performed differential compression check, all cylinders 89/22 or better. Inspected + lubed engine controls. Repaired cracks in heat shield. Replaced 2" duct for cabin heat. Decked + painted prop.		
				AG-CENTER		
				I certify that this (Airframe-Engine) has been inspected in accordance with an (100 hr. Annual) inspection and was determined to be in airworthy condition. Sign <u>David J. Agnew</u> AF505904232	I certify that this (Airframe-Engine) has been inspected in accordance with an (100 hr. Annual) inspection and was determined to be in airworthy condition. Sign <u>James W. Thomas</u> AF5076832874	
TOTALS				CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

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19 86	
26 86	He/1 comp test #172 #2 1/20 #3 1/20 #4 1/20 cleared of fogged gear stage checker was fogging removed Rf & left ext sys for 1 week Required by Aer. Engrg. Dept. for staging 3474 for yellow tag dated 8-21-86 fairing left ext sys cleared fuel & oil screens. Completed annual inspection list. I certify that this eng Tach 1541.0
	I certify that this eng has been inspected in accord- ance with a annual inspection and has been found to be in airworthy condition.
	J. E. Montz AF5076832874 Jones J. E.

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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.				
19					
5-6-83	TACK 1295	CHANGED OIL	AEROSHELL 40	LOUIS E. LOSEKE	
10-83	" 1313	" "	" 15-50	"	
1-4-84	" 1320.5	SMOOTH 84			
06-02-84	Tach Time 1321.6 Hours Cleanned oil screen - Cleanned & Gapped sparkplugs. Compression TEST #1 76/80 #2 77/80 #3 80/80 #4 77/80 Cleanned Carburetor INLET screen - Checked magneto points & Timing. <del>Test</del> Engine inspected in accordance with S-T-C. II SE 634 GL (Unleaded Gas) See 337 this day I certify that engine has been inspected in accordance with a Annual Inspection & found Airworthy. James Rygelski FA-AHP1797655				

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
19 81						
11-11-81	TACH TIME	1280.9 hrs				
	CHANGED OIL AND INSPECTED OIL SCREEN. REPLACED OIL WITH 15W50 AEROSHELL. RAN ENGINE AND CHECKED FOR LEAKS.					
	Craig D. Chiles					
	ATP 505909623					
TOTALS				CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE		

DATE	1280.5	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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER
19 83		

Apr 16, 1983 Tach time 1290.5 Per. Annual  
Inspection completed this date. See Inspection  
Sheet Dated This Date for Details. Checked AD for  
Caterpillar or field in AD compliance Record. Compression  
check #1-79/80 #2-79/80 #3-75/80 #4-79/80

I certify this <sup>1983</sup> has been inspected  
in accordance with <sup>Annual</sup> inspection and  
was determined to be in airworthy condition.

*Bobbie J. Harvey*  
Bobbie J. Harvey  
Insp. Auth. 1258204

BOUGHT AIRCRAFT THIS DATE 4-17-83  
TACK 1290.5 LOUIS LOSEKE



DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING	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."	
19 81							ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.	
(CONT) SEE LAST PAGE OF LOG BOOK FOR MAINTENANCE RELEASE.								
COMPLETED WITH CONTINENTAL GENERATOR DRIVE A.O. 49-50-1 BY INSTALLING CONTINENTAL GENERATOR DRIVE COUPLING BUSHING PIN 626543								
COMPLETED WITH BENDIX A.O. 73-07-04 BY INSTALLING BENDIX COIL PIN 10-357164 AND BENDIX ROTATING MAGNET PIN 10-52947								
COMPLETED WITH BENDIX A.O. 78-09-07 BY INSTALLING NEW IMPULSE COUPLING CAM BENDIX PIN 10-59436								
(CONT NEXT PAGE)								
CARRY THE TOTALS OF THE THREE "TIME" COLUMNS FORWARD TO TOP OF FRESH PAGE								
TOTALS								

DATE	REMARKS
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."
	ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
	RUN IN IN ACCORDANCE WITH CONTINENTAL OVERHAUL MANUAL
	Craig D. Elvers A.P.# 505909623
	6-1-81 Tac June 1235.9 annual Inspection completed This date see Inspection sheet of the De Ford Polar. checked & coupled with AD as listed in AD compliance Record.
	I certify this Eng. has been inspected in accordance with <sup>AVM</sup> inspection and was determined to be in airworthy condition.
	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	Tach time 1228.7 - Inspected Engine checked compression, washed engine, cleaned oil, cleaned spark plugs, Air Screen, oil screen fuel, screen. I certify this engine has been inspected in accordance with 2100 hrs. inspection and found to be Airworthy. John L. Ellman /A982010324					
7-17-73	certify that this engine has been inspected in accordance with a Annual inspection and was found to be in an Airworthy condition.					
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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER		
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)		

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."	
19	ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.	
<p>Task 1193</p> <p>Chg oil - check screen - check comp</p> <p>I certify that this <del>aircraft</del> <sup>Engne</sup> has been inspected in accordance with a <del>Annual</del> inspection and was determined to be in airworthy condition. Date 8-3-71</p> <p><i>A.J. Withenhead</i> IA 1536850</p> <p>1207 - OIL CHANGE SCREEN INSPECTED AND FOUND OK. FOR SERVICE. <i>AB</i></p>		

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."
19	ALL DATA MUST BEAR THE ENDORSEMENT OF A CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER MUST BE SHOWN.
<p>8-21-69 Tech reading 1187 hrs.          Installed new voltage Regulator P/N 1118383          check electrical system charged battery</p> <p>I certify that this aircraft has been          Inspected in accordance with a <u>100 HR</u>          inspection and was determined to be in          airworthy condition, Date <u>8-21-69</u></p> <p><u>James M. Ballouk</u>          A/P 1826190</p>	

DATE	TIME ON GROUND	TIME IN AIR	TOTAL TIME	SIGNATURE OF PERSON MAKING EACH ENTRY	CERTIFICATE (LICENSE) NUMBER	RATING
	19					
Oct 4 1964	1172	Hours on Tac. 1172				
		Major overhaul of engine due to improper overhaul at 1126 hr. Replaced crankshaft with 10 under propery ground. replaced all rod + main bearings - valve springs - intake valves all valve guides. New 40327 pistons std. rings - overhauled Mags - Starter - generator. All gaskets - mount cones - Engine run in two hrs				
		A. J. Lithumhead A.P. 1536850				
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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER
19	
5-8-66	Tach reads 1174 I certify this engine has been inspected in accordance to a periodic inspection and found to be airworthy
	A. J. Lithumhead A.P. 1536850
7-1-67	Tach reads 1179:00 I certify that this aircraft has been inspected in accordance with a <u>Periodic</u> inspection and was determined to be in airworthy condition. Date 7-1-67
	A. J. Lithumhead

## WORKS

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

10

ENTER HERE GENERAL DATA WITH REFERENCE TO "LINE" AND "PERIODIC" INSPECTIONS-ACCIDENTS-REFURBISHING-  
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 CERTIFIED MECHANIC, AND HIS RATING AND CERTIFICATE NUMBER

24-63. Recording Task time 1126.7 hrs  
Engine Major overhaul. Replaced Rod & Main Bearings  
010 under. Replace Shaft ground 010 under. replaced  
Piston Rings, 2 exhaust Valve guides and 1 exhaust seat.  
All Steel parts magnafluxed. replaced Crankshaft gear and  
Cam shaft gear. Valve refaced. Seats reseated and Valves  
ground in. Replaced Tand Rudder Arms. 1 air hydraulic unit  
engine run in on ground. 3.30. Run in gassed. replaced  
of spark plug and cleaned air screen.

Jack Snaligan  
1981.  
198P

8' B  
R. D. M.

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

ENGINE LOG  
AND MAINTENANCE RECORD  
Type AP-13

N 2812 N

Record of

Continental

Make

085-121

A/c 13073

Model

Serial

Eng nr # 26179-6-12

From

19

To

19

Detailing Time From

Hours—Minutes

To

Hours—Minutes

2812N

#1



**ENGINE  
AND PROPELLER LOG**

## LINE LOG

## ENGINE LOG

## ENGINE LOG

## 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				
									671.05	Engine washed down, oil changed, screen cleaned, New Plugs installed, muffler checked and repaired, Carb. Heat Box repaired, New hoses for carb. and Carb. heat, all AD's through 54-23 complied.		
									679.05			
										ABP 661809 / Finsel E. Miller		
										12-6-59 T.T. = 629.05		
										I hereby certify this engine has been inspected in accordance with a Periodic Inspection and found this engine to be airworthy.		
										Earl Miller ABP 268969		
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				
7-29-1960										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		
Tach Reading										770.4		
										David O. Hallam		
										A&E 1354808		
11-15-1960										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		
Tach Read										820.0		
										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												

A&amp;E 1354808 David O. Hallam

## GINE LOG

## ENGINE LOG

## ENGINE LOG

## 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.			
1953													
5-23						200		276 00				L. O. L.	346 996
5-28						100		277 00					346 996
5-28						130		278 30					346 996
6-1						50		279 20					346 996
6-1						40		280 00				9	346 996
6-1						100		281 00				9	346 996
6-10						300		284 00				6	346 996
6-23						40		284 40				11	346 996
6-26						30		285 10				11	346 996
6-27						100		286 10					346 996
6-28						25		286 35					346 996
6-28						50		287 25					346 996
6-28						200		289 25					346 996
7-3						30		289 55					346 996
7-5						30		290 25					346 996
7-13						145		292 10					346 996
BROUGHT FORWARD													
TOTALS													
								292 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						215			294	25			346 996
7-25						150			296	15			346 996
7-25						30			296	45			346 996
7-26						50			297	35			346 996
7-26						145			299	20			346 996
8-6						150			301	10			346 996
8-6						10			301	20			346 996
8-6						145			303	05			346 996
8-8						530			308	35			346 996
8-9						610			314	45			346 996
8-15						125			316	10	4 oil change		346 996
8-15						120			317	30			346 996
8-26						100			318	30			346 996
9-6						15			318	15			346 996
9-24						105			319	50			346 996
9-24						15			320	05			346 996
BROUGHT FORWARD													
TOTALS						27 55			320	05			346 996

## GINE 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. Lienman	346996
10-27						1 10		231 10				L.O. Lienman	346996
10-30						35		231 45				L.O. Lienman	346996
10-30						20		232 05				L.O. Lienman	346996
10-30						45		232 50				L.O. Lienman	346996
11-1						1 55		234 45				L.O. Lienman	346996
11-2						1 50		236 35				L.O. Lienman	346996
11-7						1 40		238 15				L.O. Lienman	346996
11-8						30		238 45	Repaired oil leaks.			L.O. Lienman	346996
11-9						1 45		240 30				L.O. Lienman	346996
11-14						1 00		241 30	Dil. Change			L.O. Lienman	346996
11-15						1 00		241 30	"			L.O. Lienman	346996
11-16						1 00		243 30				L.O. Lienman	346996
11-16						15		243 45				L.O. Lienman	346996
12-19						2 30		246 15				L.O. Lienman	346996
BROUGHT FORWARD													
TOTALS									246 15				

## ENGINE LOG

## GINE 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.			
1962													
9-14						20			194	10		L. A. Lieuwen, R. N. Balick	346996
9-22						1	20		195	30			
9-23						1	50		197	20			
9-24						1	30		198	50			
9-28						2	00		200	50			
9-29						1	30		202	20			
9-30						1	30		203	50			
9-30						1	10		205	00			
10-2						45			205	45			
10-2						10			205	55			
10-2						135			207	30			
10-3						155			209	25			
10-4						115			210	40			
10-4						110			211	50			
10-5						140			213	30			
10-5						30			214	00			
BROUGHT FORWARD													
TOTALS													
									214	00			

## ENGINE LOG

## GINE LOG

## 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.				
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				10			3 30			3	30			
2-9				10			1 20			1	30			
2-10				20			1 22			1	45			
2-14				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. annual inspection		
5-30				20			1 00			1	20	Approved with exhaust		
6-6				15			1 15			1	30	studs.		
6-20				15			45			1	-			
6-26				15			3 10			3	25			
BROUGHT FORWARD										120	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				
7-18				10			1 15			1 25	626-48	
8-1				10			1 40			1 50	Harold D. Heworth	
9-19			20			1 15			1 35			
11-14			20			2 10			2 30	A.C. Gartie		
9-9 49			20			2 35			2 55	5-28-49 Removed wood propeller		
4-10			10			2 10			2 20	and distilled McCauley 1490		
5-15			20			2 15			2 35	C.F. checked OK		
5-22			10			50			1 -			
5-29			10			30			40	D. Murphy		
6(5+6)			40			8 -			8 40	2015 4235881		
6-18			10			2 -			2 10			
7-7			10			20			30			
7-11			10			30			40			
BROUGHT FORWARD									147 29			
TOTALS									176 19			

## GINE 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		10	2	15	2 15	2	25			
8-20			5		5	3	20	3 20	3	25			
8-21			5		5	1	30	1 30	1	35			
8-22			5		5	1	40	1 40	1	45			
8-23			6		6	1	00	1 00	1	05			
8-24			10		10	2	30	2 30	2	40			
8-27			10		10	2	00	2 00	2	10			
8-30			5		5	45		45	5	50			
9-1			5		5	1	30	1 30	1	35			
9-4			5		5	1	15	1 15	1	20			
9-5			15		15	3	00	3 00	3	15			
9-6			8		8	1	15	1 15	1	20			
9-7			15		15	3	15	3 15	3	30			
9-12			5		5	30		30	3	30			
9-14			5		5	45		45	5	50			
9-24			10		10	2	30	2 30	2	40			
BROUGHT FORWARD									68	34			
TOTALS									99	29			

## ENGINE LOG

## ENGINE LOG

## ENGINE LOG

## ENGINE DESCRIPTION

Mfgr.	Continental Motors Corporation	Place	Muskegon, Michigan	Date
Type	Horizontal Opposed	Model	C-85-12	Serial No.
Rated H.P.	85	Maximum H.P.	85	Weight (Dry)
Rated R.P.M.	2575	Maximum R.P.M.	2575	Oil Pressure
Bore	4 1/16	Stroke	3 5/8	Displacement
Compression Ratio		Supercharger Ratio		Gear Ratio
Propeller	<i>Senseenich</i>	Hub Design		Hub Serial No.
Blade Design		Blade Serial No.		Blade Serial No.
Maximum Hub H.P.		Maximum Blade H.P.		<i>M 9244</i>
Pitch	46	Diameter	74	Length
Owners Name		City		State

## ENGINE LOG