

Right

ENGINE LOG BOOK



CONTINENTAL MOTORS

Service Information

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

Engine Returns

All returned engines are to be shipped with this log book Directly to:

Teledyne Continental Motors
Abbeville Industrial Park
Suite 159
Abbeville, AL 36310

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**

This engine model 10470L26, Serial No. 297968-R, was rebuilt/zero timed on 06/20/00 by Teledyne Continental Motors in accordance with an FAA approved Quality Control System, using FAA approved Engineering design data and the applicable requirements of FAR Part 21 of the Federal Aviation Regulations. The approved design data for this engine incorporated the following Service Bulletins and Airworthiness Directives.

SB	AD	REMARKS	SB	AD	REMARKS
M70-10	70-14-07	REPLACED WITH NEW PART	N/A	94-14-12	N/A
M73-2	72-20-02	REPLACED WITH NEW PART	N/A	94-14-12	N/A
M77-6	77-05-04	**REPLACED WITH NEW PART	N/A	95-21-15	N/A SERIAL NUMBER
M79-2	79-05-09	REPLACED WITH NEW PART	MSB96-10	N/A	CRANKSHAFT ULTRASONIC INSPECTION
M88-4	88-03-06	REPLACED WITH NEW PART	MSB94-8A	N/A	MAGNETO TO ENGINE TIMING
N/A	91-19-03	REPLACED OIL FILTER	CSB9710A	97-21-02	PISTON PIN PLUG WEAR
M91-10	93-08-17	VISUAL INSPECTION	CSB98-1	N/A	INTAKE AND EXHAUST VALVE INSPECTION
M92-6	N/A	ROCKER SHAFT RETENTION IMPROVED	MSB00-5A	2000-08-51	CRANKSHAFT MATERIAL INSPECTION
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE	CSB99-3A	99-09-17	CRANKSHAFT ULTRASONIC INSPECTION
CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE			

Records reflecting this rebuilding are on file at Teledyne Continental Motors, P.O. Box 90, Mobile, Alabama, 36601.

TELEDYNE CONTINENTAL MOTORS
PRODUCTION CERTIFICATE NO. 508



Date

Total Time

Time Since
Last Overhaul

Hrs.

Min.

Hrs.

Min.

Engine Service and Maintenance RecordInstallations, Inspections, Airworthiness Directives, Special Inspections,
Modifications and Service Bulletins**Honeywell**

April 20, 2001

Tach: 98.3

ENGINE LOG ENTRY

Airframe Total Time: 4302.8

Engine TTSMOH 0.0

Beechcraft Baron 95A55 S/NTC-321 Registration N717T

This IO470L26B engine, Serial No. 297968-R, was installed on the right side of Baron N717T with new hardware, shock mounts and fluid carrying hoses. Baffling was repaired or replaced as necessary. Serviced oil sump with 12 quarts of Phillips 20W50XC Type M mineral oil. Ran engine and checked metered and unmetered fuel pressures and for oil leaks. Adjusted idle and checked mixture. This engine was installed in accordance with the appropriate Beechcraft, TCM shop manuals and AC43.13-1B and is ready for test flight per Service Bulletin M89-7R1.

William S. Matthews
William S. Matthews
Honeywell International Inc.
CRS#PR2R093L W/O:8898

2/12/02

Hobbs: 112.2

SMOH: 13.9

CHANGED OIL & FILTER.

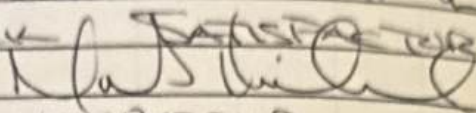
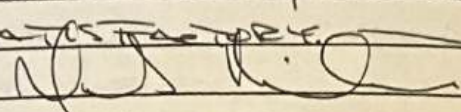
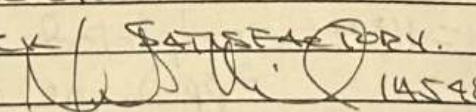
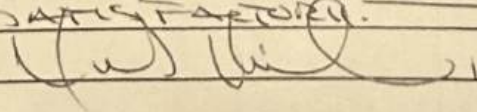
INSTALLED LOG P448109 FILTER &
SERVICED SUMP WITH 12 QTS
ASBOW OIL. CUT OPEN &
INSPECTED OIL FILTER. NO
METAL FOUND @ THIS TIME.
GROUND RUN. LEAK CHECK
SATISFACTORY.

Neil Wilson 1548692119

5/2/02 Hobbs = 118.9

Completed 100hr Inrp IAW FAR 43
App D. no oil change at this time
Comp check #1 ~~76~~, #2 ~~76~~, #3 ~~76~~, #4 ~~76~~, #5 ~~76~~
#6 ~~76~~. Installed new Vent Plug in
Rt mag. Dressed prop. Run-up
was satisfactory. —END—

I certify that this Engine
has been inspected in accordance
with a Annual inspection and
was determined to be in an
airworthy condition.
Name Greg DeBoon
Number IAS24118405

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
6/27/02	11	03	163	18	CHANGED OIL & FILTER. INSTALLED 104 CH48109 FILTER & SERVICED SUMP WITH 12 QTS AS100W OIL. WASHED DOWN ENGINE & GROUND PAN. LEAK CHECK / SATISFACTORY.  14548693119
9/20/02	11	05	208	00	CHANGED OIL & FILTER. INSTALLED 104 CH48109 FILTER & SERVICED SUMP WITH 12 QTS AS100W OIL. WASHED DOWN ENGINE & GROUND PAN. LEAK CHECK SATISFACTORY.  14548693119
12/12/02	11	03	235	17	CHANGED OIL & FILTER. INSTALLED 104 CH48109 FILTER & SERVICED SUMP WITH 12 QTS AS100W OIL. INSTALLED PRE SYSTEM (AW) INSTALLATION INSTRUCTIONS. GROUND PAN. LEAK CHECK / SATISFACTORY.  14548693119
4/1/03	11	03	286	17	CHANGED OIL & FILTER. INSTALLED 104 CH48109 FILTER. SERVICED SUMP WITH 12 QTS AS100W OIL. GROUND PAN. LEAK CHECK SATISFACTORY.  14548693119

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

7-23-04

RH ENG T.T. 252.3

A/C T.T. 4585.1

Hobbs 380.1

Annual insp c/w this date
Changed oil + filter shell 100W
washed eng, ran leak
checked-

DIFFERENTIAL COMPRESSION CHECK									
CYL.	1	2	3	4	5	6	7	8	9
IN	80	80	80	80	80	80	80	80	80

I certify that this engine has been inspected in accordance with a Visual inspection and was determined to be in airworthy condition. Pertinent details of the repair are on file at this agency under WO No. 25061

Date 7-23-04

Signed [Signature]
SUPERIOR AVIATION, INC.
FORD AIRPORT
IRON MOUNTAIN, MI

AT362446787

Rh eng T.T. 306.6

A/C T.T. 4609.4

Hobbs 404.4

Annual insp c/w this date
Changed oil and filter shell 100W
washed eng, ran leak checked

DIFFERENTIAL COMPRESSION CHECK									
CYL.	1	2	3	4	5	6	7	8	9
IN	80	80	80	80	80	80	80	80	80

I certify that this engine has been inspected in accordance with a Visual inspection and was determined to be in airworthy condition. Pertinent details of the repair are on file at this agency under WO No. 26535

Date 7-3-05

Signed [Signature]
SUPERIOR AVIATION, INC.
FORD AIRPORT
IRON MOUNTAIN, MI

AT362446787

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date

Total Time

Time Since
Last Overhaul

Hrs.

Min.

Hrs.

Min.

7-18-06
Brought Forward

RH ENG T.T. 335.8

A/C T.T. 4638.6

Hobbs 433.6

Annual insp c/w this date.
changed oil + filter shell 100W
washed eng, ran leak checked

DIFFERENTIAL COMPRESSION CHECK

	1	2	3	4	5	6	7	8	9
IN	68	70	66	65	60	72			
OUT	80	80	80	80	80	80	80	80	80

I certify that this Engine has been inspected
in accordance with Annual
inspection and was determined to be in airworthy
condition.

W.O. 26911

Date 7-18-06

Signed J. L. Wainwright

IA 362446787

8-13-07

RH eng T.T. 381.4

A/C T.T. 4684.2

Hobbs 479.2

Annual insp c/w this date.
changed oil + filter shell
100W plus washed ran, ops
and leaked checked

DIFFERENTIAL COMPRESSION CHECK

	1	2	3	4	5	6	7	8	9
IN	68	74	70	66	72	76			
OUT	80	80	80	80	80	80	80	80	80

I certify that this Engine has been inspected
in accordance with Annual
inspection and was determined to be in airworthy
condition.

For Signature

Date 8-13-07

Signed J. L. Wainwright

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				
	Hrs.	Min.	Hrs.	Min.					
Brought Forward									
7-14-08					annual insp c/w this date.				
RH Eng T.T.	402.0				changed oil and filter.				
A/C T.T.	4704.8				shell 100w plus, checked compression				
Hobbs	499.8				and timing. #1 $\frac{66}{80}$ #2 $\frac{66}{80}$ #3 $\frac{70}{80}$ #4 $\frac{62}{80}$ #5 $\frac{51}{80}$ #6 $\frac{62}{80}$				
washed eng, ran, leak and ops checked, I certify that this Engine has been insp in accordance with a annual insp and was determined to be in airworthy condition. For Superior Aviation LTD W.O. 27630 John R Womack IA 362446757									
7-20-08									
RH Eng T.T.	427.8				Annual insp c/w this date.				
A/C T.T.	4730.6				changed oil and filter shell 100w plus				
Hobbs	525.6				cleaned spark plugs, checked timing				
cleaned fuel screen, cleaned air filter, checked compression, washed eng, ran, leak and ops checked									
DIFFERENTIAL COMPRESSION CHECK									
CYL	1	2	3	4	5	6	7	8	9
IN	80	80	80	80	80	80	80	80	80
I certify that this Engine has been inspected in accordance with a <u>checkmark</u> inspection and was determined to be in airworthy condition. W.O. 28376									
Superior Aviation LTD									
Date 7-20-08									
Signed John R Womack IA 362446757									

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
7-26-10					Annual insp c/w this date
RH ENG T.T. 449.4					changed oil and filter
A/C T.T. 4752.4					Shell 100W plus, cleaned
Hobbs 547.4					spark plugs, checked timing
					checked compression
					#1 $\frac{36}{80}$ #2 $\frac{68}{80}$ #3 $\frac{31}{80}$ #4 $\frac{58}{80}$ #5 $\frac{64}{80}$ #6 $\frac{73}{80}$
					washed engine, ran, leak and
					ops checked. I certify that this engine
					has been inspected in accordance with
					a Annual inspection and was determined
					to be in a airworthy condition
					John R Wason IATL 2446787

S/N 297968R RH ENG LOG N 717T A/C T.T. 4781.9
 DATE 9-22-11 ENG T.T. 462.9 Hobbs 576.4
 TACH

Annual insp c/w this date, changed oil + filter
 Shell 100W plus, checked timing, cleaned fuel screen
 cleaned spark plugs, Replaced #4 valve cover
 gasket and new serpentine belt. washed eng, ran,
 leak and ops checked. I certify that this eng
 has been insp in accordance with a annual
 insp. and was determined to be in a airworthy
 condition. For Superior Aviation

IA 562446787AR John R Wason

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

8-2-2012
 RA 409 T.T. 490.9
 PIC T.T. 4797.7
 Hobbs 588.2
 Annual inspection this date
 changed oil + filter
 Shell 100w plus, cleaned
 spark plugs, checked timing
 checked compression
 #1 $\frac{50}{80}$ #2 $\frac{47}{80}$ #3 $\frac{72}{80}$ #4 $\frac{68}{80}$ #5 $\frac{48}{80}$ #6 $\frac{71}{80}$
 washed eng, ran, leak and
 ops checked

I certify that this engine has been
 insp in accordance with a Annual
 insp and was determined to be in a
 Airworthy condition For S/P LTD

John W. Dawson
 IA 362496787

9/5/13 Hobbs = 599.4 Engine total time = 502.1 Changed
 oil + filter Leach 48109 oil filter + added
 12 qts of 50wt aeroshell to sum. Comp
 check #1 $\frac{70}{80}$, #2 $\frac{74}{80}$, #3 $\frac{70}{80}$, #4 $\frac{69}{80}$, #5 $\frac{72}{80}$, #6 $\frac{74}{80}$
 cleaned spark plugs. Removed mag,
 Disassembled cleaned Replaced points.
 Reassembled & timed to Engine. Run-up
 was satisfactory. — END —

I certify that this Engine
 has been inspected in accordance
 with a Annual inspection and
 was determined to be in an
 Airworthy condition
 Name: Guy Olson
 Number: IA 377224

02-07-14 Hobbs = 651.8 Engine TT 554.5
 Changed oil and filter # 48109.
 Added 10 qts Aeroshell 15W-50
 Semi Synthetic Oil. Washed engine
 and lubed all engine, prop mixture
 controls. Engine test flown and
 no leaks noted — END —
 J. H. AP 3067134

Date	Total Time		Time Since Last Overhaul		Installation/Modification
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

Engine Service and Maintenance Record

06/17/2014 N717T Right Engine Log Entry Hobbs = 680.8
 Drained engine oil, collected sample for analysis.
 Serviced engine oil sump w/10 qt Aeroshell 15W50.
 Exterior lights checked. Serviced aircraft battery, tires.

Daniel C Jordan

Daniel Jordan, Mgr. Mountain Aero LLC, Owner ATP 3052477

09/06/2014 N717T Right Engine Log Entry Hobbs = 708.9
 Drained engine oil.
 Serviced engine oil sump w/10 qt Phillips XC 20W50.
 Exterior lights checked. Serviced aircraft battery, tires.

Daniel C Jordan

Daniel Jordan, Mgr. Mountain Aero LLC, Owner ATP 3052477

Mountain Air Aviation

11750 Airport Way Hangar B12C Broomfield, CO 80021

(303) 469-1380

Right Engine Log Entry

N717T Beechcraft 95-A55 S/N: TC-321 October 8, 2014 Hobbs: 719.4 Acft TT: 4924.9

TCM IO-470-L26, S/N: 297968-R TSN: 622.1

Completed 100 Hr Inspection in accordance with FAR 43 App D. Engine Oil and Oil Filter were not changed/replaced at this time. Preformed Compression Check and is as follows: #1 70/80, #2 72/80, #3 72/80, #4 70/80, #5 68/80, #6 74/80. Cleaned, gapped, tested, rotated, and reinstalled all Spark Plugs. Timed Right magneto to 20 degrees BTDC. Cleaned Air Filter. Repaired Air Induction Airbox Air Filter Access Panel. Checked Engine Controls for freedom of movement and travel. Removed, repaired by welding, and reinstalled #4 Exhaust Stack Assy. Washed down engine. Engine ground run ck satisfactory.

END

I certify that this ENGINE has been Inspected in accordance with a 100 HR Inspection and was determined to be in an airworthy condition.

Name Donald L Schille

Number ATP 2148039

I certify that this ENGINE has been Inspected in accordance with a Annual Inspection and was determined to be in an airworthy condition.

Name Doug Boorn

Number ATP 3333224

01-21-15	HOBBS -	742.5	CHANGED OIL FILTER #CH48109
	R ENGINE TT	645.2	ADDED 11 QTS AEROSHELL 15W-50W
			ADDED 1 PT CAMGUARD
			<i>Amel E. Hill</i> ATP 2113784

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
10/16/2015	Hobbs	969.7	TSN	671.4	changed oil & filter serviced with Aeroshell 15-50 checked timing checked compression 1. $\frac{72}{80}$ 2. $\frac{77}{80}$ 3. $\frac{72}{80}$ 4. $\frac{71}{80}$ 5. $\frac{72}{80}$ 6. $\frac{69}{80}$ cleaned plugs & checked gap. I certify that this engine has been inspected IAW an annual/100hr inspection and was determined to be in an airworthy condition. 492482864 A&P IA
5/11/06	Hobbs	787	3		CHANGED OIL FILTER CIT-104 48109, 11 QTS
	ENRON TT	691	0		AEROSHELL 15-50W, 1 PT CAMGUARD 492482864 A&P IA

12/30/16 Hobbs 818.8 TSN 722.3 Changed oil and filter, serviced with Phillips 20-50. Checked timing to engine. Compression reads 1. 74/80 2. 76/80 3. 71/80 4. 70/80 5. 72/80 6. 74/80 Cleaned and rotated spark plugs. Repaired R.H air intake box. Checked filter. Cleaned injectors. Cleaned all controls. Washed and cleaned Engine. I certify that this engine has been inspected IAW an annual inspection and was found to be in an airworthy condition.

Bill Nelson

Bill Nelson

492482864 A&P IA

Right Engine: 12/15/2017 Hobbs 828.1 TTE 729.8 SMOH 729.8 Complied with 100-hour inspection. Compressions all 62/80 or better. Installed mag timing degree plate on back of engine. Timed engine to TC and 20°, marked pulley to timing plate, timed magnetos. Oil and filter not changed at this time. Added 1 pint CamGuard. Cleaned and regapped spark plugs. Cleaned injectors. Exhaust system visual inspection checked OK. Checked security of hose clamps. Checked generator belt. Cleaned and inspected air filter; replacement due at Hobbs 979.2. Performed run-up, operation and leak check OK. This engine was factory rebuilt and zero timed on 5/28/00 and installed on N717T 4/20/2001. All ADs were complied with by TCM as of time of rebuild and no new ADs are applicable to this engine. There have been no cylinder replacements to date.

I certify that this engine has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition. AD notes checked through daily 12/15/17. Bird Mechanic LLC, L. Johnson A&P 2109820.

L. Johnson

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
6-15-18	11:00		843.4		CHANGED OIL FILTER # 48109
	ENVIS		745.1		ADDED 11 QTS PHILLIPS XC 20-50
					ADDED 1 PT CAM GUARD
6/15/18 Hobbs	843.4		SMOH 737.6		checked compression
1. 2 3 4 5 6	2 3 4 5 6				checked timing & 20° cleaned
					and GAPPED PLUGS checked air filter checked engine in
					general I certify that this engine has been inspected
					in accordance with AN 100 H/ANNUAL INSPECTION
					and found Airworthy Bill 492482864 A+P IA
6/25/2019 Hobbs	866.6		SMOH 767.0		changed oil + filter
					Serviced with Phillips 20W50 cur oil to open oil
					checked compression 1 2 3 4 5 6 checked
					timing to engine checked air filter checked fuel
					& oil hoses & hoses checked exhaust checked
					engine in general I certify that this engine
					has been inspected in accordance with an
					Annual/100hr inspection and found Airworthy
					Bill Nelson 492482864 A+P IA

Right engine:

10/30/2020 Hobbs 883.5 TTE/SMOH 785.2 Complied with 100-hour inspection. Compressions all 55/80 or better. Checked magneto timing. (Review of logbook: both mags were disassembled and cleaned, and points were replaced at 502.1 total hours on 9/5/13.) Oil and filter changed, filter element inspection checked OK. Added 10 quarts Phillips XC 20W50 and 1 pint CamGuard. Cleaned and regapped spark plugs. Cleaned injectors. Donaldson engine air filter inspected and cleaned; due for replacement at Hobbs 979.2. Exhaust system visual inspection checked OK. Checked security of hose clamps. Checked generator belt. Cleaned and inspected air filter; replacement due at Hobbs 979.2. Performed run-up, operation and leak check OK. This engine was factory rebuilt and zero timed on 5/28/00 and installed on N717T 4/20/2001. All ADs were complied with by TCM as of time of rebuild and no new ADs are applicable to this engine. There have been no cylinder replacements to date.

I certify that this engine has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition. AD notes checked through 10/30/2020. Bird Mechanic LLC, L. Johnson A&P2109820.

L. Johnson

11/07/2021	Hobbs 903.3	SMOH 804.7	changed oil + filter Phillips 20/50
			checked compression checked timing & engine, clean & gapped plugs
			checked air filter, checked exhaust system for cracks, checked oil fuel and
			oil hoses for leaks. Performed run up check for leaks none found.
			Reinstalled engine bearings. I certify this engine has been inspected
			DAW 100hr inspection and was determined to be in a Airworthy
			condition. Ross M. Allison A&P 3412387

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					
12/1/22	Hobbs 919.5	SMOH 821.2	changed oil & filter using 20-50 Phillips compression #172 2.78 3.75 4.74 5.76 6.74 checked timing to engine, checked all fuel system, checked exhaust system checked for leaks clean spark plugs, checked air filter system checked fuel & oil lines engine in general. I certify I certify that this engine has been inspected in accordance an Annual inspection and was found Airworthy Bill Nelson 492482864 APT IA		
Dec-4-2023	Hobbs 932.4	SMOH 834.1	changed oil & filter service with Phillips 20-50 + 1 pint CamGuard checked compression 1.72 2.78 3.74 4.74 5.76 6.76 checked timing to engine, checked exhaust system, cleaned plugs, checked air filter Not due checked engine mounts. I certify that this engine has been inspected I.A.W. an Annual 100HR inspection and was found in a Airworthy condition Bill Nelson 492482864 APT IA		

April 7, 2025 Hobbs 944.2 SMOH 845.9 Right Engine

Changed oil and filter, serviced with Phillips 20-50. Added CamGuard 1 pt. Cut open filter. Nothing found. All compressions checked 70/80 or better. Checked timing to engine. Cleaned and installed spark plugs. Checked air filter. Not due to change due 979.2. Checked exhaust system. Checked all hoses and lines in general. No new AD's to date.

I certify that this engine has been inspected in accordance with a 100 HR Annual Inspection and was found to be in airworthy condition.

Bill Nelson

Bill Nelson 492482864 A&P IA



CONTINENTAL MOTORS

A Teledyne Technologies Company

P.O. Box 90 Mobile AL 36601 • 334-438-3411



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General Aviation Manufacturing Association

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