

 **TELEDYNE CONTINENTAL**



**Gold
Medallion
Aircraft
Engine**

USE ONLY
FUEL
CONFORMING
TO ASTM D910.

USE OF AUTOMOTIVE
GAS IS NOT
APPROVED.

**REBUILT
ENGINE
LOG**

N32015

AIRCRAFT N NUMBER

R-LT150360KE4B

ENGINE MODEL NUMBER

812059K

ENGINE SERIAL NUMBER

MAINTENANCE RECORD

Date: July 10, 2020	Page 1 of 1 Pages	Reg. No: N32015
Aircraft: Piper PA-34-200T	Serial #: 34-7570007	Total Time / Left Tach: 4,899.6 / 1,292.51
#2 Eng: CMI TSIO-360-KB (4B)	Serial #: 812059-R	Total Time: 1,290.43

LICENSE NUMBER

The below listed items were accomplished in accordance with the Piper Seneca II Maintenance Manual, and other approved and acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's.

Work Order 042010846

[1003] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts SAE 50 Aeroshell W100 Aviation Oil.

I certify that the above listed items have been completed, and with regard to the above items, this engine has been approved for return to service.

Signed
Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

THOMAS PAPKA
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

DATE

BROUGHT FORWARD
TOTALS

ENGINE LOG

MAINTENANCE RECORD

Date: October 6, 2020	Page 1 of 1 Pages	Reg. No: N32015
Aircraft: Piper PA-34-200T	Serial #: 34-7570007	Total Time / Left Tach: 4,949.8 / 1,342.68
#2 Eng: CMI TSIO-360-KB (4B)	Serial #: 812059-R	Total Time: 1,340.3

LICENSE NUMBER

The below listed items were accomplished in accordance with the Piper Seneca II Maintenance Manual, and other approved and acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's.

Work Order 042011022

[1500] Performed 100 Hour Inspection, in accordance with the Piper Seneca II Maintenance Manual, and other approved and acceptable data as applicable.

[1500] Cylinder differential pressure test complied with:

1 = 76/80 # 2 = 76/80 # 3 = 73/80 # 4 = 75/80 # 5 = 76/80 # 6 = 75/76

[1500] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts SAE 50 Aeroshell W100 Aviation Oil.

[1101] Installed a new alternator gasket, p/n 649984.

[1102] Installed a new airbox fastener, p/n 487-724.

[1103] Installed a new #1 exhaust gasket, p/n 655704.

[1106] Installed 12 new exhaust lock nuts, p/n 22022.

[1107] Installed a new EGT probe, p/n 86240, and gage, p/n 46150 s/n 270166.

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

Signed
Central Flying Service, Inc.
1501 Bond Street, Little Rock, AR 72202

THOMAS PAPKA
Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
FAX (501) 374-2150

DATE


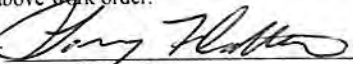
BROUG

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.			
	<p>ENG MODEL <u>LTSIO360KB</u> ENG S/N <u>812059-R</u></p> <p>Continental Motors has examined the core samples removed from crankshaft <u>I259809N</u> and has determined the Metallurgical structure of the crankshaft is acceptable and may be continued in service. Complete all sections of CMI MSB00-5, or later revision, before returning the aircraft and engine to service.</p> <p><i>Per review of record in inspection database</i></p> <p><i>ME/whd Feb 14 2015</i></p> <p>CONTINENTAL MOTORS - PC508</p> <p><i>Replacement Label issued 2/11/15</i></p>												
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	ATURE	LICENSE NUMBER
 <p>WESTERN Skyways INC. GOLD SEAL AIRCRAFT ENGINES</p> <p>21 Creative Place Montrose, CO 81401 CRS # WS9R575J</p>		
<p>Engine Model: LTSIO-360-KB Serial Number: 812059-R Time: 938.4 TSMOH Work Order: W051227 Date: 01 APR 2015</p>		
<p>This engine was disassembled for a crankcase change. Installed serviceable crankcase M/N: J119801S certified by DIVCO Inc. under their W/O 11030. Crankshaft S/N: I259809N was visual, dimensional, and ultrasonic inspected per MSB96-10A. Installed 6 new cylinders P/N: 658189A2BP, S/N: AC14LA608, AC14GB112, AC14DB774, AC14JC243, certified by Continental Motors Inc. under their W/O 439859 dated 20 JAN 2015. S/N: AC14JC224, AC14JC215, certified under W/O 438039 dated 07 JAN 2015. Magnetos P/N: 10-500556-1 S/N: J079818DR & J159814D were 500 hour inspected under this work order. New Starter P/N: 646238-2, S/N: H-P021253 certified by Hartzell Engine Technologies under their W/O M513730 installed. Engine was reassembled using new main bearings, new gaskets and seals as necessary. Engine was run in a test cell for leak and operations check. Assembled I/A/W Western Skyways, Inc. Repair Specification WS-100 "Use and Application of Hylomar Sealant" dated 11/10/2010, Continental Motors Overhaul Manual X30574 and applicable service publications.</p>		
<p>The engine and/or component identified above was repaired and inspected IAW current FAA Regulations and found Airworthy for return to service. Pertinent details of this repair are on file at this Repair Station under above work order.</p>		
<p>Signed:  Larry Flatten CRS# WS9R575J</p>		
FORM 201E 5/2/2014		
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.			
3-30-10	Tach		76	3					76	3	Comp. test #1 1/2" #2 7/16" #3 1/4" #4 1/8" #5 7/16" #6 1/2" Plus cleaned & checked fuel system. New oil filter. WAD 84-26-02. W. Rep. + Turbo inspected. WAD 82-27-03. cavity that the engine bay door was closed in. balance with AWD 24 100 inspection. and was determined to be in structural condition.	Ray Harris R.A. #482274	
6-24-10			76	8							New Rapid Maxima air pump RA216CW - B 21870 installed + new filter	Ray Harris R.A. #482274	
BROUGHT FORWARD TOTALS													

ENGINE LOG

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	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
10-25-2011	TACH		77	3					77	3	Comp. test #1 1/2" #2 7/16" #3 1/4" #4 1/8" #5 7/16" #6 1/2" Plus cleaned & checked fuel system. cleaned air pump replaced. new RAP 216CW B 24421	Ray Harris R.A. #482274	
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.			
3-15-2002	TACH	282.2	SFRM	282.2	comp. test 1) 74/80 2) 74/80 3) 74/80 4) 70/80 5) 70/80		oil & filter changed, oil & filter changed, plugs cleaned & checked.		Eng		Roy D. Harris	A+P 482274	
<p>crankshaft flange core drilled & sent to Teledyne Cont motor owner for caps and was reported as OK</p> <p>Roy D. Harris A+P 482274</p>													
BROUGHT FORWARD													
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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.			
3-2-2002	R-TACH	316.7	SFRM	316.7	comp. test 1) 74/80 2) 74/80 3) 74/80 4) 74/80 5) 74/80		Plugs cleaned, gapped & tested oil & filter changed. Test run OK		Eng		Roy D. Harris	A+P 482274	
<p>1-3-03 R.Tach 346.8 Install new Fuel Pump from Teledyne Continental Motors Part # 649368-34A1, Serial # 802KA309R Fuel pressure adj. Test run OK Roy D. Harris A+P 482274</p>													
BROUGHT FORWARD													
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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.			
12-17-98			0								Installed factory overhauled in PA34-206T		
8-2-99									112	8	oil change-		
BROUGHT FORWARD													
TOTALS													

1800
12481

This engine model LTS10360KB4B, Serial No. 812059-R, was rebuilt/zero timed on 11/06/98 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
M81-23	81-13-10	WOODRUFF KEY DELETED	CSB96-5	N/A	OIL PUMP DRIVE GEARS P/N 649506 & 649681
N/A	81-23-02	REPLACED WITH NEW PART	CSB96-8	N/A	REPLACEMENT OF AIRMELT (NON-VAR) CSHAFTS
N/A	91-19-03	OIL FILTER CHANGE	MSB96-10	N/A	CRANKSHAFT ULTRASONIC INSPECTION
M92-4	92-04-09	VISUAL INSPECTION	MSB94-8A	N/A	MAGNETO TO ENGINE TIMING
M92-16	N/A	CRANKSHAFT REPLACED	CSB96-13	N/A	CONN ROD INSPECTION AND REPLACEMENT
M93-6	N/A	REPLACED GEARS	CSB9710A	97-21-02	PISTON PIN PLUG WEAR
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE			
CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE			
CSB95-1A	95-08-10	N/A SERIAL NUMBER			
CSB95-4	N/A	INTAKE VALVE GUIDE SEAL P/N 646678 INSP.			

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