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**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

TS10360 KB4B

ENGINE MODEL NUMBER

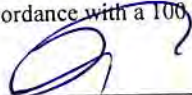
811325-R

ENGINE SERIAL NUMBER


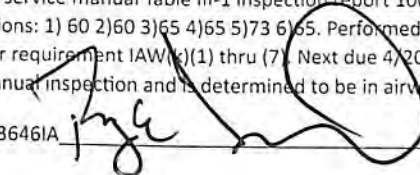




## ENGINE LOG

DATE	P P A M	TIME ON	TIME IN	TOTAL TIME	LICENSE NUMBER
<b>MAINTENANCE RECORD</b>					
Date:	April 13, 2022	Page 1 of 1 Pages	Reg. No:	N32015	
Aircraft:	Piper PA-34-200T	Serial #: 34-7570007	Total Time / Left Tach:	5,148.1 / 1,541.01	
#1 Eng:	CMI TSIO-360-KB (4B)	Serial #: 811325-R	Total Time:	1,541.0	
<p>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.</p> <p><i>Work Order 042211888</i></p> <p>[1500] Performed 100 Hour Inspection, in accordance with the Piper Seneca II Maintenance Manual, and other approved and acceptable data as applicable.</p> <p>[1500] Cylinder differential pressure test complied with:                      # 1 = <u>59/80</u>    # 2 = <u>58/80</u>    # 3 = <u>52/80</u>    # 4 = <u>57/80</u>    # 5 = <u>70/80</u>    # 6 = <u>68/76</u></p> <p>[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 W 100 Aviation Oil.</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>Signed  <b>THOMAS PAPKA</b>      CRS No. HBKR587E                      Central Flying Service, Inc.      Phone: (501) 375-3245, (800) 888-5387      FAX (501) 374-2150                      1501 Bond Street, Little Rock, AR 72202</p>					
BROUGHT FORWARD					
TOTALS					

## ENGINE LOG

DATE	P P A M	TIME ON	TIME IN	TOTAL TIME	LICENSE NUMBER
					IRE
<p><b>N32015 left engine      ACTT: 5178.03      LETSO: 1570.94      11/1/23</b></p> <p>Complied with 100 hour checklist IAW Table III-1 of the Piper Seneca II Service Manual. Changed oil and filter. Examined filter and determined no abnormalities. Serviced with AS100. Compressions 1) 53 2)50 3)67 4)65 5)79 6)65. Performed borescope inspection of #1and #2 cylinders IAWTCM SB3-03 and determined no discrepancy. Performed ground run and leak check with no leaks noted. Researched AD's and determined compliance to date. I certify that this engine has been inspected IAW a 100 hour Inspection and is determined to be in airworthy condition.</p> <p>Clayton Brand A&amp;P4411780 </p>					
<p><b>N32015 L tach: 1578.64 ACTT: 5186.33      12/1/24</b></p> <p>Complied with Piper Seneca II service manual Table III-1 inspection report 100 hour items. Oil was not changed due to recent compliance. Compressions: 1) 60 2)60 3)65 4)65 5)73 6)65. Performed ground run and ops check good. Complied with AD 23-09-09 6 mo/100 hr requirement IAW (k)(1) thru (7). Next due 4/2025 or ACTT 5286.3. I certify that this aircraft has been inspected IAW an annual inspection and is determined to be in airworthy condition.</p> <p>Ricky E. Townsend A&amp;P488843646IA </p>					
BROUGHT FORWARD					
TOTALS					

MAINTENANCE RECORD

Date:	May 10, 2021	Page 1 of 1 Pages	Reg. No:	N32015	
Aircraft:	Piper PA-34-200T	Serial #:	34-7570007	Total Time / Left Tach:	5,095.2 / 1,488.07
#1 Eng:	<b>CMI TSIO-360-KB (4B)</b>	Serial #:	<b>811325-R</b>	Total Time:	<b>1,488.07</b>

LICENSE NUMBER

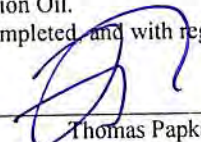
The below listed items were accomplished in accordance with the Piper Seneca II Maintenance Manual, and other approved and acceptable data as applicable. Work order discrepancy numbers are shown in brackets [ ], followed, in bold, directly by AD notes and SB's.

Work Order 042111577

[1002] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts SAE 50 Aeroshell W 100 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

BROUGHT FORWARD  
TOTALS

MAINTENANCE RECORD

Date:	January 11, 2022	Page 1 of 1 Pages	Reg. No:	N32015	
Aircraft:	Piper PA-34-200T	Serial #:	34-7570007	Total Time / Left Tach:	5,142.3 / 1,535.15
#1 Eng:	<b>CMI TSIO-360-KB (4B)</b>	Serial #:	<b>811325-R</b>	Total Time:	<b>1,535.2</b>

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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.

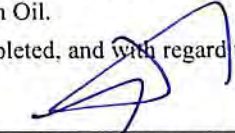
Work Order 042211875

[1002] Fuel injection nozzles: Removed, cleaned and reinstalled with new o-rings and washers.

[1004] Drained engine oil, removed and inspected oil filter, installed a new CH48108-1 oil filter and serviced engine with 8 quarts SAE 50 Aeroshell W 100 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

BROUGHT FORWARD  
TOTALS

MAINTENANCE RECORD

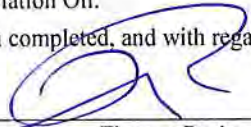
Date:	November 12, 2020	Page 1 of 1 Pages	Reg. No:	N32015
Aircraft:	Piper PA-34-200T	Serial #: 34-7570007	Total Time / Left Tach:	4,997.3 / 1,390.24
#1 Eng:	CMI TSIO-360-KB (4B)	Serial #: 811325-R	Total Time:	1,390.24

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 042011081

[1001] 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. Thomas Papka CRS No. HBKR587E  
 1501 Bond Street, Little Rock, AR 72202 Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150

MAINTENANCE RECORD

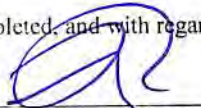
Date:	December 7, 2020	Page 1 of 1 Pages	Reg. No:	N32015
Aircraft:	Piper PA-34-200T	Serial #: 34-7570007	Total Time / Left Tach:	5004.5 / 1397.37
#1 Eng:	CMI TSIO-360-KB (4B)	Serial #: 811325-R	Total Time:	1397.37

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 042011149

[1003] Cleaned both magneto points.

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. Thomas Papka CRS No. HBKR587E  
 1501 Bond Street, Little Rock, AR 72202 Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150

DATE

BROUGHT

LICENSE NUMBER

MAINTENANCE RECORD

Date:	May 10, 2021	Page 1 of 1 Pages	Reg. No:	N32015
Aircraft:	Piper PA-34-200T	Serial #: 34-7570007	Total Time / Left Tach:	5,048.3 / 1,441.15
#1 Eng:	CMI TSIO-360-KB (4B)	Serial #: 811325-R	Total Time:	1,441.2

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 042111378

[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 = 59/80 # 2 = 65/80 # 3 = 72/80 # 4 = 50/80 # 5 = 10/80 # 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 W 100 Aviation Oil.

[1452] Fuel injection nozzles: Complied with 300 hour/annual cleaning/inspection.

[1454] Left Magneto: Removed p/n 10-500556-3 s/n J159816DR and installed a rebuilt p/n BL-500556-3 s/n D19HA115R.

[1454] Right Magneto: Removed p/n 10-500556-3 s/n J159819DR and installed a rebuilt p/n BL-500556-3 s/n D19HA118R.

[1050] Cylinder #5 was removed and installed to facilitate repair by John Jewel Aircraft, Inc., CRS #JUJR300L under their work order J211161, (FAA Form 8130-3 dated 4-30-2021).

[1052] Replaced bolts for outboard baffle.

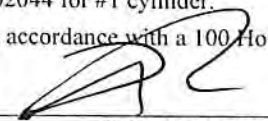
[1053] Installed new exhaust stud p/n 402044 for #3 cylinder.

[1054] Replaced starter o-ring with new p/n AS3578-038.

[1057] Replaced o-rings and gaskets for #1 cylinder push rod housings.

[1059] Installed 2 new exhaust studs p/n 402044 for #1 cylinder.

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. THOMAS PAPKA CRS No. HBKR587E  
 1501 Bond Street, Little Rock, AR 72202 Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150

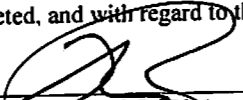
DATE

BROUGHT


LICENSE NUMBER



### ENGINE LOG

DATE	R.P.M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
<b>MAINTENANCE RECORD</b>							
Date: September 5, 2019		Page 1 of 1 Pages		Reg. No: N32015			
Aircraft: Piper PA-34-200T		Serial #: 34-7570007		Total Time / Left Tach: 4,812.2 / 1,205.07			
#1 Eng: CMI TSIO-360-KB (4B)		Serial #: 811325-R		Total Time: 1,205.07			
<p>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.</p> <p><u>Work Order 041910200</u></p> <p>[1001] 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.</p> <p>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.</p> <p>Signed  <b>THOMAS PAPKA</b>                      Central Flying Service, Inc. Phone: (501) 375-3245, (800) 888-5387                      1501 Bond Street, Little Rock, AR 72202 CRS No. HBKR587E FAX (501) 374-2150</p>							
BROUGHT FORWARD							
TOTALS							

### ENGINE LOG

DATE	MAINTENANCE RECORD			LICENSE NUMBER
	Date: March 6, 2020	Page 1 of 1 Pages	Reg. No: N32015	
	Aircraft: Piper PA-34-200T	Serial #: 34-7570007	Total Time / Left Tach: 4,853.7 / 1,246.58	
	#1 Eng: CMI TSIO-360-KB (4B)	Serial #: 811325-R	Total Time: 1,246.6	
<p>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.</p> <p><u>Work Order 042010584</u></p> <p>[1500] Performed 100 Hour Inspection, in accordance with the Piper Seneca II Maintenance Manual, and other approved and acceptable data as applicable.</p> <p>[1500] Cylinder differential pressure test complied with:                      # 1 = <u>70/80</u> # 2 = <u>65/80</u> # 3 = <u>56/80</u> # 4 = <u>57/80</u> # 5 = <u>50/80</u> # 6 = <u>60/80</u></p> <p>[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.</p> <p>[1050] Installed a new left engine drain sump valve, p/n BJ107, with a new washer, p/n MS35769-11.</p> <p>[1051] Repaired left engine #6B spark plug wire, using kit p/n 10-400403.</p> <p>[1055] Stop drilled small cracks on the left engine baffling right side, i/a/w AC43.13-1B, chapter 4, section 4.</p> <p>[1056] Installed a new left engine CHT sensor stud, p/n 3080-00038.</p> <p>[1057] Installed a new left engine FWD R/H Lord mount, p/n J9613-58.</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>Signed  <b>Thomas Papka</b>                      Central Flying Service, Inc. Phone: (501) 375-3245, (800) 888-5387                      1501 Bond Street, Little Rock, AR 72202 CRS No. HBKR587E FAX (501) 374-2150</p>				
BROU				
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.			
10-25-2011			TRCH	778.8		SFRM	778.8	Comp. test 1) 68/50 2) 72/50 3) 62/50 4) 68/50 5) 60/50 6) 70/50			Plugs checked & checked; fuel screen cleaned. Oil amp. checked. Oil 974.		
<p>Empty oil tank checked for leaks. Engine inspected for balance with Eng 100w. Inspection of main determined to be in satisfactory condition.</p>													
<p>Ray D Harris F.A. 482274</p>													
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.			
12-7-2012			TRCH			SFRM	776.8	Comp. test 1) 66/50 2) 72/50 3) 70/50 4) 68/50 5) 60/50 6) 70/50			Plugs checked & checked; fuel screen cleaned. Oil amp. checked.		
<p>Empty oil tank checked for leaks. Engine inspected for balance with Eng 100w. Inspection of main determined to be in satisfactory condition.</p>													
<p>Ray D Harris F.A. 482274</p>													
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.			
3-15-2001	2001	TACH 281.4	0	4	0.067	SFRM 281.4	0	4	0.067	0	8	0.134	9) 70/60
											Comp. test 1) 74/60 2) 74/60 3) 72/60 4) 70/60 5) 71/60		
											oil + filter changed. oil + filter changed, Pump cleaned + checked		
											Eng		
											Balance with 100 lb		
											Inspector		
											condition		
											Roy H Harris		
											A + P 482274		
											crankshaft flange core drilled + mailed to TNCI + was reported as OK		
											Teledy re-lent. own how cards		
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.			
3-16-2002		L. TACH 315.9	0	9	0.150	SFRM 315.9	0	9	0.150	0	18	0.300	1) 73/60 2) 68/60 3) 75/60 4) 72/60
											5) 73/60 4) 70/60		
											Pump cleaned, gapped + tested, oil + filter change		
											Engine worked + test run.		
											Balance with Eng 100 lb		
											Inspector		
											condition		
											Roy H Harris		
											A + P 482274		
											T.F.		
3-21-2003		L. TACH 375.3	0	3	0.050	SFRM 375.3	0	3	0.050	0	6	0.100	1) 70/60 2) 64/60 3) 70/60 4) 68/60 5) 64/60
											6) 66/60		
											AD 82-27-23		
											rotorstar 9w by inspection. Clean gap + test		
											spark plugs. Inspect motor mount, inspect exhaust + Turbo. Check and		
											1.5be engine controls. Check air filter, wash engine, run up (ok)		
											375 3		
											Eng		
											Balance with 100 lb		
											Inspector		
											condition		
											Roy H Harris		
											A + P 482274		
BROUGHT FORWARD													
TOTALS													





1800  
12 YRS

This engine model TS10360KB4B, Serial No. 811325-R, was rebuilt/zero timed on 11/16/98 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	CSB95-1A	95-08-10	N/A SERIAL NUMBER
N/A	81-23-02	REPLACED WITH NEW PART	CSB95-4	N/A	INTAKE VALVE GUIDE SEAL P/N 646678 INSP.
M88-4	88-03-06	REPLACED WITH NEW PARTS	CSB96-5	N/A	OIL PUMP DRIVE GEARS P/N 649506 & 649681
N/A	91-19-03	OIL FILTER CHANGE	CSB96-8	N/A	REPLACEMENT OF AIRMELT(NON-VAR) CSHAFTS
M92-4	92-04-09	VISUAL INSPECTION	MSB96-10	N/A	CRANKSHAFT ULTRASONIC INSPECTION
M92-16	N/A	CRANKSHAFT REPLACED	MSB94-8A	N/A	MAGNETO TO ENGINE TIMING
M93-6	N/A	REPLACED GEARS	CSB96-13	N/A	CONN ROD INSPECTION AND REPLACEMENT
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE	CSB9710A	97-21-02	PISTON PIN PLUG WEAR
CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE			
N/A	94-14-12	N/A			

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



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