

TELEDYNE CONTINENTAL



# Gold Medallion Aircraft Engine

USE ONLY  
FUEL  
CONFORMING  
TO ASTM D910.

# REBUILT ENGINE LOG

N52859

AIRCRAFT N NUMBER

ENGINE MODEL NUMBER

The engine model \_\_\_\_0470R25B\_\_\_\_, Serial No. 811930-R, was rebuilt/zero timed on 12/17/97 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
M56-2	56-06-01	REPLACED WITH NEW PART	N/A	94-14-12	N/A
M60-1	63-15-01	REPLACED WITH NEW PART	CSB94-15	N/A	*CRANKCASE STUD INSPECTION
N/A	73-13-04	TORQUE ON CARBURETOR	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		MAGNETO TO ENGINE TIMING
M91-10	93-08-17	VISUAL INSPECTION	CSB9710A	97-21-02	PISTON PIN PLUG WEAR
N/A	91-19-03	OIL FILTER CHANGE	CSB9710A	97-21-02	PISTON PIN PLUG WEAR
M92-6	N/A	ROCKER SHAFT RETENTION IMPROVEMENT	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			

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

TELEDYNE CONTINENTAL MOTORS  
 MOBILE ALABAMA 36601

## 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.				
12-27-57			10	93	AC	Total	Time	1450	Engine	Total	Time	0		
<p>Installed this engine on Aircraft N53829 s/n 18262923. Engine was installed with new carb mounts + bolts, new alternator - carb mounts, installed precise flight standby vacuum system II. Replaced vacuum pump with overhauled unit s/n 68263</p>														
<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <p><i>Henry W. Thomas</i></p> <p><b>INSPECTOR FOR N.A.I.A. INC. CONWAY, S.C. F.A.A. APPROVED R/S # PC4R435M</b></p> </div>														

## 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.			
5-4-00													
Tach 1422											Changed oil + cleaned screen. Replaced left + right repr		
329.5100H											Replaced Air-box with new unit.		
<p>I certify that this Aircraft Engine has been inspected in accordance with a <u>ANAC</u> inspection and determined to be in airworthy condition.</p>													
<p>Mfg: <u>Cont.</u> Model: <u>O-470-R</u> S/N <u>811930-R</u></p>													
<p>Tach/Hour Meter <u>1422</u> Total Time <sup>329.5100H</sup> <u>329</u></p>													
<p>Inspector <u>Henry Wilkins</u> Date <u>5-4-00</u></p>													
<p>North American Institute of Aviation                  Conway-Horry County Airport                  Conway, S. C. 29526                  N.Y. Station No. PCAR435M</p>													

## ENGINE LOG

2003 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.				
0-9														
ACH	1498	5												
S.M.H	405	5												
zero														
TIME														
											<p style="text-align: center;">PERFORMED COMPRESSION TEST</p> <p>#1 70/80 #2 68/80 #3 65/80 #4 70/80</p> <p>#5 70/80 #6 70/80</p> <ol style="list-style-type: none"> <li>1. Replaced all SPARKPLUGS TOP RIGHT HAND CYLINDERS</li> <li>2. Replaced INDUCTION AIR FILTER</li> <li>3. Replaced INDUCTION AIR HOSE CLIPS AT AIR BOX</li> <li>4. Replaced EXHAUST GASKETS R/H SIDE</li> <li>5. Replaced oil CLEANED oil STRAINER INSTALLED 12 QTS AeroShell 100</li> <li>6. ADJUSTED ALTERNATOR BELT.</li> </ol> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p style="text-align: right;">MARK A. ROSO</p>			

## ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
9-27-65													
TACH	1499.2												
SMOH	406.2												
#0085	394.73												
Removed and replaced engine oil and filter Added 12 qts Aeroshell 100 All cylinder Compressions within in limits. Leak and operational test good at this time. I certify that this engine has been inspected in accordance with an annual inspection and determined to be in airworthy condition. I complied with AD 96-222 inspection of oil filter adapter, no defects noted. Next due 100 hrs TACH 1599.2 or oil filter removal.													
												Mark Rose	IAAP 313825019 843238-8100

DATE	R.P.M.		GROUND			AIR			Hrs.	Min.
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total		
2507										
TACH	1574.9									
WOBBS	4030.7									
SMOH	481.8									
2007 ANNUAL										
1. Removed and replaced LEFT MAGNETO ASSY P/N 10-349350-4 SIN F113116										
2. Serviced ENGINE OIL, CLEANED OIL SCREEN "NO METAL NOTED" ADDED 12 QTS ACROSHELL 100 PLUS. LEAK TEST GOOD										
3. Compression Test: #1 70% #2 75/80 #3 73/80 #4 74/80 #5 75/80 #6 75/80										
4. I certify THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. END.										







## ENGINE LOG

DATE	R. P. M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
					Myrtle Beach International Airport Hangar 328 East 3231 Victory Street Myrtle Beach, SC 29577		
		DATE: 5/19/2012	W/O #	5685961912			
		Registration # N56859					
		Model: Cessna 182	Tach: 1936.5				
		Engine, S/N 811930-R					
		<b>Description of work performed</b>					
		Removed #2 L/H aft cyl. And Replaced with serviceable cyl. P/N 646754. Removed both L/H & R/H mag's And replaced with serviceable mag's P/N BL-349350-5 S/N F12EA314R & BL-349350-4 S/N F12EA306R. Removed all spark plugs and cleaned checked gap and reinstalled as serviceable, insp. wire harness and caps. set timing and ground ran, pos and leak check good, no defects noted. all work IAW continental 0-470 mm. -End-					
		I certify this aircraft was found to be in an airworthy condition and returned to					

## ENGINE LOG

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	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
5-13-12									1958.4		Insp Engine IAW 100hr/Annual insp Comp ch #1 72/80 #2 79/80 #3 75/80 #4 76/80 #5 75/80 #6 76/80 Removed Plugs cleaned & gapped Then Reinstalled. Drained oil cleaned Screen Reinstalled and saftred. Filled oil 9 gts AeroShell 100 and 1pt AV Blend Removed & cleaned Gasolator. Reinstalled. Repaired Eng 10at/F/c R/H Front ? Repaired 4H Front Seal cleaned Eng. I certify This Eng was insp and Found To Be in an air worthy condition and Returned To Service - End - Mah... # 8636288		
BROUGHT FORWARD													



2014 5

(T50922.3) Engine  
removed from Aircraft  
and disassembled. Cleaned  
~~contaminants~~ all interior  
areas. No Abnormal wear  
noted. Rod re-bushed and  
certified by Rick Romans  
(see yellow tag) Engine  
assembled with new gasket  
kit. New Rod bolts C29340  
+ Nuts C28109. Main bearings  
C33136 + C42720 + C30826  
Crank seal C41250. New  
Piston pins 539467.  
Thrust washers C46288

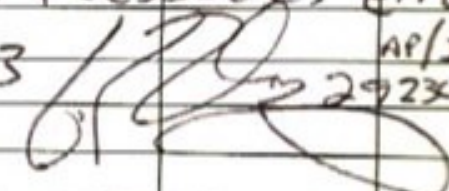
Monty R. Peck

AD 10000000








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.			
01/19/13											PERFORMED DIFFERENTIAL COMPRESSION CHECK, RESULTS AS FOLLOWS: #1-64, #3-51, #5-71, #6-71, #4-63, #2-78. ALL COMPRESSIONS TAKEN UTILIZING 80 PSI INPUT PRESSURE, END -	 AP/IA 2923101	
											TACH-2047.3		

## 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 style="font-size: small;">Myrtle Beach International Airport hangar 32E 3231 Victory Street Myrtle Beach, SC 29577</p> <p style="font-size: small;">52859</p>		

Date: 9/13/2013

NR: 52859      S/N: 18262903  
 A/C TT: 2605.7      TACH: 2048.7  
 ENG. TT: 955.7

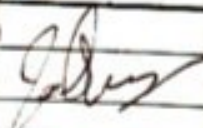
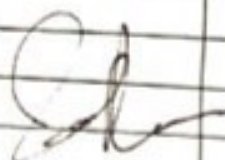
Description of work performed:

ACCOMPLISHED COMPRESSION CHECK WITH MASTER ORFIC. #1. 71/80 #2. 73/80 #3. 40/80 #4. 74/80 #5.  
 75/80 #6. 75/80. REPLACED #3 CYLINDER WITH TRIAD AVIATION OVERHAUL CYLINDER STUD ASSEMBLY  
 P/N 654959. (SEE YELLOW TAG FOR MORE DETAIL). OPS CHECK NORMAL ON ENGINE GROUND RUN. NEW  
 COMPRESSION CHECK ON #3 CYLINDER 74/80.

*Monty Pickett*  
 MONTY PICKETT A&P 1992841

All compression checks done  
 IAW TEM 50 C3-3 *Monty Pickett*  
 A&P 1992841

### ENGINE LOG

	TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
	hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.				
									2049.7	Changed Oil + cleaned oil filter screen filled with 1qt Aeroshell W100		
									2074.0	Changed oil + clean oil filter screen filled with 1qt Aeroshell W100		

**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.			
6/13/14									2094	04	Accomplished Compression check using a master ORAZ #1 cyl 42/80 #2 cyl 76/80 #3 cyl 76/80 #4 cyl 22/80		
						ENG	TT		1001	06	#5 cyl 66/80 #6 cyl 60/80 Replaced #1,4 cyl with Triad Aviation overhaul cylinder p/n 654939 (see yellow tag) ops check good on ground run new compression #1 cyl 78/80 #4 cyl 78/80		
											I certify this engine was inspected and found to be in Airworthy condition and returned to service		
											Mark Penner AP 26480602A		
BROUGHT FORWARD													

## ENGINE LOG

	E.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENCE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
<p>Date: 12/27/18    Model: 182    S/N: 18262903    N#: N52859    HOBBS: 179.5    TAC:2117.9</p> <p>Removed top cowling and installed magnetos (R/H) P/N 10-349350-4 S/N F02IA274 (L/H) P/N 10-349350-5 S/N 8029115 and Performed engine compression test 1)70/80 2)74/80 3)68/80 4)76/80 5)64/80 6)68/80 I/A/W continental motors IO-470 maintenance manual, Ops check good.</p> <p>I certify the work performed on this aircraft and/or component(s) identified above is approved for return to service.</p>													
<p><i>Nicholas Davie</i>                  Nicholas Davie                  AP 3885993                  Airtec Inc.</p>													
BROUGHT FORWARD													
TOTALS													



