

RIGHT ~~312~~

 TELEDYNE CONTINENTAL



# Gold Medallion Aircraft Engine

USE ONLY  
FUEL  
CONFORMING  
TO ASTM D910.

USE OF AUTOMOTIVE  
GAS IS NOT  
APPROVED.

# REBUILT ENGINE LOG

N 11AC

AIRCRAFT N NUMBER

I0550 E1B

ENGINE MODEL NUMBER

2B3378-R

ENGINE SERIAL NUMBER

Engine S		Graphics Ref#:
Operatio		
Item	Part	Rev Date: 09/15/1997
Tool Name		

This engine model IO550E1B, Serial No. 283378-R, was rebuilt/zero timed on 09/23/97 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
M88-4	88-03-06	REPLACED WITH NEW PARTS	CSB97-10	97-15-01	PISTON PIN PLUG WEAR
M91-10	93-08-17	VISUAL INSPECTION			
N/A	91-19-03	OIL FILTER CHANGE			
M92-6	N/A	ROCKER SHAFT RETENTION IMPROVEMENT			
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE			
MSB93-12	93-10-02	N/A SERIAL NUMBER NOT APPLICABLE			
CSB94-1	94-06-09	REPLACED CAPACITOR AS APPLICABLE			
CSB94-15	N/A	CRANKCASE STUD INSPECTION			
MSB96-10	N/A	CRANKSHAFT ULTRASONIC INSPECTION			
MSB94-8A	N/A	MAGNETO TO ENGINE TIMING			

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





## ENGINE DESCRIPTION

TYPE HORIZONTAL OPPOSED MODEL IO 550 E1B SERIAL NO. 283378-R

RATED H.P. 300 MAXIMUM H.P. \_\_\_\_\_

RATED R.P.M. 2700 MAXIMUM R.P.M. \_\_\_\_\_ OIL PRESSURE \_\_\_\_\_

BORE \_\_\_\_\_ STROKE \_\_\_\_\_ DISPLACEMENT \_\_\_\_\_ CU. IN. \_\_\_\_\_

COMPRESSION RATIO \_\_\_\_\_ GEAR RATIO \_\_\_\_\_

PROPELLER HARTZELL HUB DESIGN EHC-G3YF-24F HUB SERIAL NO. FJ293A

BLADE DESIGN FC 7663DB-4T BLADE SERIAL NO. \_\_\_\_\_ BLADE SERIAL NO. \_\_\_\_\_

MAXIMUM HUB H.P. \_\_\_\_\_ MAXIMUM BLADE H.P. \_\_\_\_\_

PITCH \_\_\_\_\_ DIAMETER \_\_\_\_\_ LENGTH \_\_\_\_\_

OWNERS NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_

## ENGINE LOG

[illegible]



## ENGINE LOG

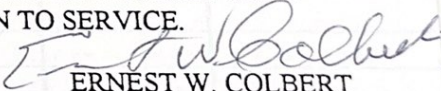
DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
BROUGHT FORWARD													
TOTALS													

COLEMILL ENTERPRISES, INC.  
NASHVILLE, TENNESSEE

TWO CONTINENTAL IO-550-E ENGINES AND TWO  
HARTZELL 3-BLADED PROPELLERS MODEL EHC-G3YF-  
2UF/FC7663DB-4T INSTALLED IN ACCORDANCE WITH  
STC 432SO. AIR CRAFT TEST FLOWN AND FOUND  
AIRWORTHY FOR RETURN TO SERVICE.

HR. METER: 4916.8

DATE: 4/29/98

  
 ERNEST W. COLBERT  
A & P 445788

	R.P.M.	
DATE	Ground	Air
6/9/98		H

ABILENE AERO

DATE: 12/02/199

REG. N11A

I certify that the  
inspection and  
COMPRESSION  
DRAINED OIL CL  
AEROSHELL 15V  
TESTED SPARK  
AIR FILTER CLE

# 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.			
6/9/98		H68BS	4	9	18.8						Complied with CSB 98-1 By HARDNESS INSPECTION OF VALVES	<i>[Signature]</i>	

ABILENE AERO INC.

2850 AIRPORT BLVD.

ABILENE, TX 79602

DATE: 12/02/1998

ENGINE S/N 283378

ENGINE TSMOH 51.9

REG. N11AC

AIRCRAFT HM/TACH 4968.7

ENGINE TOTAL TIME 51.9

WORK ORDER NO. 3126

I certify that this aircraft/engine/componet has been inspected IAW a 100HR/ANNUAL inspection and was determined to be in airworthy condition A/D notes checked through 98-24

COMPRESSION TEST...

DRAINED OIL CLEANED SCREEN SERVICED WITH 11 QTS

78	78	78	78	68	78
----	----	----	----	----	----

AEROSHELL 15W50 OIL. CLEANED GAPPED AND

TESTED SPARK PLUGS. CHECKED PLUG LEADS CHECKED MAG TIMING. CLEANED FUEL NOZZLES CLEANED

AIR FILTER CLEANED T/B SCREEN. SAFTIED ALTERNATOR ARM BOLT. SERVICED PROP UNFEATHER ACCUM.

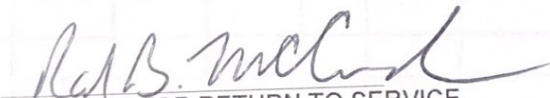
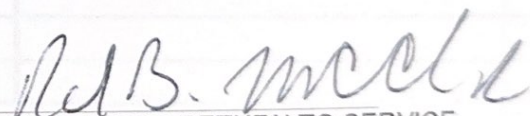
MAILED FORWARD

TOTALS

*[Signature]*  
APPROVED FOR RETURN TO SERVICE  
FOR ABILENE AERO INC. GSTR469E



# ENGINE LOG

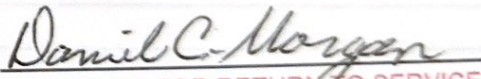
DATE	R.P.M.	TIME ON GROUND	TIME IN AIR	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		<b>ABILENE AERO INC. GSTR469E</b> 2850 AIRPORT BLVD. ABILENE TX 79602 (915) 677-2601			<b>ABILENE AERO INC. GSTR469E</b> 2850 AIRPORT BLVD. ABILENE TX 79602 (915) 677-2601		
REG: N11AC Date: 04-07-1999		S/N: 283378 HM/TAC: 5024.3		TOTAL: 107.5 W/O #: 3398 SMOH: 107.5	N#: 11AC Date: 07-27-1999		
		S/N: 283378-R HM/TAC: 5068.3		W.O.#: 3671			
DRAINED ENGINE OIL AND SERVICE 11 QTS AEROSHELL 15W50. RAN ENGINE FOR LK CK.					DRAINED OIL CLEANED SCREEN SERVICED 12 QTS AEROSHELL 15W50 OIL. GROUND RUN OPS AND LEAK CHECK OK.		
 APPROVED FOR RETURN TO SERVICE					 APPROVED FOR RETURN TO SERVICE		
BROL							
TOTALS							

## ENGINE LOG

[illegible]



## ENGINE LOG

DATE	G	ABILENE AERO INC.	2850 AIRPORT BLVD. ABILENE, TX 79602	LICENSE NUMBER
			ENGINE TSMOH	228.9
			ENGINE TOTAL TIME	228.9
			WORK ORDER NO.	4096
DATE:	01/13/2000	ENGINE S/N	283378	
REG.	N11AC	AIRCRAFT HM/TACH	5145.7	
I certify that this aircraft/engine/component has been inspected IAW a				100HR/ANNUAL
inspection and was determined to be in airworthy condition A/D notes checked through				99-27
COMPRESSION	70	63	70	70
			55	68
DRAINED CLEANED AND INSPECTED SCREEN SERVICED 12 QTS AEROSHELL 15W50 OIL. CLEANED GAPED AND TESTED SPARK PLUGS, TESTED PLUG LEADS, CHECKED MAG TIMING. CLEANED FUEL NOZZLES, AND T/B SCREEN. CLEANED AIR FILTER. INSTALLED A NEW AIR BOX COVER ABOVE ALTERNATOR. ADJUSTED ALTERNATOR BELT TENSION.				
 APPROVED FOR RETURN TO SERVICE FOR ABILENE AERO INC. GSTR469E				
BROUGHT FORWARD				
TOTALS				

## ENGINE LOG

[illegible]



## 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.			
7-14-00	HOBBBS		5	22	:4								
<p>DRAGGED OZC - RESERVED WITH 11QTS A/S 100W.            Earl Howell ACP 450379303</p>													
3-11-01	HOBBBS		5	25	:2								
<p>TOTAL TIME 340:4 COMPRESSION ALL ABOVE <math>\frac{20}{20}</math>. CHECKED            MAGS. REPLACE ALL SPARK PLUGS. CHANGE OZC, COOLANT            KNOB &amp; SCREWS. RESERVE WITH 11QTS 100W.            REPAIR INDUCTION AIR BOX. WASH DOWN ENGINE. DRESS            PROP RUN UP SATISFACTORY. THIS ENGINE HAS BEEN            INSPECTED BY A 100 HR INSPECTION FOUND AIRWORTHY.            Earl Howell ACP 450379303</p>													
5-24-01	HOBBBS		5	30	:4								
<p>CHANGE OZC. RESERVE WITH 10QTS A/S 100W.            Earl Howell ACP 450379303</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.			
9-10-01	Hobbs		53	24	.4						Change oil Reservoir w/ Marshall 10 qt. John Howard A+P 462661780		
01-08-01	Hobbs		53	41	.4						Change oil Reservoir w/ Marshall 10 qt. John Howard A+P 462661780		
5-27-01	Hobbs		53	56	.8						Pulled 100 Hr inspection according to Manikes. All compression ABOVE 6580 found engine to Be Airworthy. John Howard A+P 462661780 Replace with new Air reduction Air Filter - JH		
4-29-02	Hobbs		53	71	.1						Changed oil Serviced w/ Marshall 100 10 qt. John Howard A+P 462661780		
BROUGHT FORWARD													
TOTALS													



## ENGINE LOG

[illegible]

## 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.			
BROUGHT FORWARD												
TOTALS												

**04/02/03 N11AC Hobbs: 5475.4**

**ANNUAL INSPECTION**

Changed oil and filter serviced with 11 Qts. Aeroshell 50W, washed ran and leak checked.

**COMPRESSION CHECK**

#1 70/80 #2 65/80 #3 73/80 #4 69/80 #5 69/80 #6 69/80

Drained all sumps, cleaned all filters & screen  
changed oil, washed engine, cleaned & gapped  
plugs, checked compression & timing, lubricate  
props & controls.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.  
**Calkins Aero Service Inc.**  
FAA Certified Repair Station signed \_\_\_\_\_  
No. GK2R849K  
WO# 12408



## ENGINE LOG

[illegible]

## ENGINE LUG

						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.			
4-16-04	Hobbs:		5	55	1.6	Annual Inspection:							
						- Vibro cleaned All fuel injectors							
						- serviced Eng. w/ Hqts 100w							
						COMPRESSION CHECK							
						#1 68/80 #2 54/80 #3 66/80 #4 52/80 #5 72/80 #6 68/80							
						Drained all sumps, cleaned all filters & screens,							
						changed oil, washed engine, cleaned & gapped							
						plugs, checked compression & timing, lubricated							
						props & controls.							
						I certify that this aircraft/engine has been							
						inspected in accordance with an annual							
						inspection and was determined to be in							
						airworthy condition. Total Time 6:29.8							
						Signed <u>[Signature]</u> for							
						W/O #13393							
						CALKINS AERO SERVICE INC.							
						FAA Certified Repair Sta.							
						No. GK2R849K							
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.			
4-11-05											ANNUAL INSPECTION: • SERVICED ENGINE w/119H 100W • INSTALLED ALL NEW SPARK PLUGS • LUBED & CLEANED ALL FUEL INJECTORS.  COMPRESSION CHECK #1 67/80 #2 63/80 #3 63/80 #4 53/80 #5 67/80 #6 67/80  Grained all sumps, cleaned all filters & screens, changed oil, washed engine, cleaned & gapped valves, checked compression & timing, lubricated rods & controls.	I certify that this aircraft/engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Total Time <u>627.8</u> Signed <u>[Signature]</u> W/H # <u>14380</u> for CALKINS AERO SERVICE INC. FAA Certified Repair Sta. No. GX2RS49K	
BROUGHT FORWARD													
TOTALS													

## ENGINE LUG

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.			
2-2-05	Nobbs		56	38	0						Reinstalled Engine Driven Fuel pump After Repair By Mikes A/C Fuel Metering Service Inc. Installed New Crank Shaft Seal All operational checks O.K.  FAA CERTIFIED REPAIR STATION NO. GK2R849K  Date: 3-1-06 H665 Tech Time: 5670.8 CHANGED OIL AND FILTER. SERVICED WITH 11 QTS. OF W5015W50 OIL. WASH, RUN AND LEAK CHECK OK. CALKINS AERO SERVICE, INC. REPAIR STATION #GK2R849K		
BROUGHT FORWARD													
TOTALS													



Calkins Aero Service Inc.

West Houston Airport  
18000 Groeschke Rd.  
Houston, TX 77084

Houston, TX 77084  
Date: 6-12-06 N11AC HOBBS/TTAF: 5682.0 TTENG: 765.2  
INSPECTION I/H ENGINE

ANNUAL INSPECTION-L/H ENGINE

ANNUAL INSPECTION-DH ENGINE  
COMPRESSION CHECK- #1 50/80 #2 X/80 #3 70/80 #4 58/80 #5 63/80 #6 55/80  
CIVIL INDEX ASSEMBLY

COMPRESSION CHECK- #1 50/80 #2 X/80 #3 70/80 #4 70/80  
INSTALLED NEW # 2 CYLINDER ASSEMBLY

**INSTALLED NEW #2 CYLINDER ASSEMBLY -**  
**PRESSURE CHECKED EXHAUST-CHECKED O.K.**

**PRESSURE CHECKED EXHAUST-CHECKED C.A.R.**  
 Drained all sumps, cleaned all filters and screens. Checked timing and  
 replaced all worn parts. Replaced all gaskets and seals. **SERVICED ENGINE W/**

Drained all sumps, cleaned all filters and screens. Checked timing and Controls. Clean, gapped and rotated plugs. SERVICED ENGINE W/11 QTS MINERAL OIL WASH RUN AND LEAK CHECKED O.K

WASH RUN AND LEAK CHECKED O.K

WASH RUN AND LEAK CHECKED O.K  
I certify that this engine has been inspected in accordance with AN ANNUAL  
Inspection and was determined to be in an airworthy condition.

**Calkins Aero Service Inc.**

FAA Certified Repair Station  
N. 6K2D840K signed

No. GK2R849K

signed

WO#15155

[illegible]

## 22

Calkins Aero Service Inc.



**JAMES B. McMANUS**  
101 Piper lane  
Spicewood, Texas 78669  
830 693 0408 shop  
JIMBO.MCM@GMAIL.COM

Date 07-29-08  
Reg. N11AC  
Model BEECHCRAFT BARON 95A55  
S/N T/C 215  
Ac. Hrs. 5771.2

LH

LICENSE  
NUMBER

\*PERFORMED A ANNUAL INSPECTION PER FAR 43 APDX D. AND MAINT. MANUAL AS GUIDELINE. COMPRESSION CHECK #1 71/80 #2 68/80 #3 72/80 #4 70/80 #5 69/80 #6 76/80. CHANGED OIL AND CHECKED FILTER. NO METAL NOTED AT THIS TIME. SERVICED WITH 12 QTS AEROSHELL 100 AD OIL. INSTALLED FRESH OVERHAUL RH MAGNETO. OPS CHECKED GOOD. CHECKED MAGNETO TIMING. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

*James B. McManus*  
JAMES B. McMANUS  
455130849 I/A

BROUGHT FORWARD  
TOTALS

# ENGINE LOG

**JAMES B. McMANUS**  
**101 Piper lane**  
**Spicewood, Texas 78669**  
**830 693 0408 shop**  
**JIMBO.MCM@GMAIL.COM**

**Date** 08-04-09  
**Reg.** N11AC  
**Model** BEECHCRAFT BARON 95A55  
**S/N** T/C 215  
**Ac. Hrs.** 5834.6

**LH**

DATE

\*PERFORMED A ANNUAL INSPECTION PER FAR 43 APDX D. AND MAINT. MANUAL AS GUIDELINE. COMPRESSION CHECK #1 72/80 #2 67/80 #3 73/80 #4 71/80 #5 67/80 #6 75/80. CHANGED OIL AND CHECKED FILTER. NO METAL NOTED AT THIS TIME. SERVICED WITH 12 QTS AEROSHELL 100 AD OIL. CHECKED MAGNETO TIMING. DRESSED AND PAINTED PROP. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

*James B. McManus*

**JAMES B. McMANUS**  
**455130849 I/A**

RE LICENS  
 NUMBE

BROUGHT FORWARD

TOTALS



# ENGINE LOG

DATE

**JAMES B. McMANUS**  
101 Piper lane  
Spicewood, Texas 78669  
830 693 0408 shop  
JIMBO.MCM@GMAIL.COM

Date  
Reg.  
Model  
S/N  
Ac. Hrs.

12-15-2009  
N11AC  
BEECHCRAFT BARON M95A55  
T/C 215

LH ENGINE

LICENSE  
NUMBER

\*TROUBLESHOOT ROUGH LH ENGINE, CHECKED FUEL FLOW DIVIDERS, FUEL PUMP, FUEL CONTROL, UNIT. FOUND BAD INDUCTION BALANCE TUBE, INSTALLED NEW TUBE, OPS CHECKED GOOD. FUEL CONTROLS LEAKING FUEL FROM MIXTURE SHAFTS; REMOVED AND INSTALLED NEW ORINGS IN BOTH ENGINE FUEL CONTROL UNITS; REINSTALLED AND OPS CHECKED AND LEAK CHECKED GOOD. FOUND LH MAGNETO BAD. CHECKED ALL IGNITION LEADS AND ALL SPARK PLUGS. REPLACED TWO WEAK SPARK PLUGS. INSTALLED NEW LH MAGNETO. TIMED AND OPS CHECKED GOOD. P/N 10-349350-4 MAGNETO.

*James B. McManus*

JAMES B. McMANUS  
455130849 I/A

**JAMES B. McMANUS**  
101 Piper lane  
Spicewood, Texas 78669  
830 693 0408 shop  
JIMBO.MCM@GMAIL.COM

Date  
Reg.  
Model  
S/N  
Ac. Hrs.

05-27-2010  
N11AC  
BEECHCRAFT BARON 95A55  
T/C 215

TROUBLESHOOT LH ENGINE. FOUND LH MAGNETO BAD. CHECKED ALL IGNITION LEADS AND ALL SPARK PLUGS. REPLACED TWO WEAK SPARK PLUGS. INSTALLED NEW LH MAGNETO. TIMED AND OPS CHECKED GOOD.

*James B. McManus*

JAMES B. McMANUS  
455130849 I/A

BROUGHT

# ENGINE LOG

DATE

**JAMES B. McMANUS**  
 101 Piper lane  
 Spicewood, Texas 78669  
 830 693 0408 shop  
 JIMBO.MCM@GMAIL.COM

Date 08-11-2010  
 Reg. N11AC  
 Model BEECHCRAFT BARON M95A55  
 S/N T/C 215  
 Ac. Hrs. 5887.0 HOBBS

LH

\*PERFORMED A ANNUAL INSPECTION PER FAR 43 APDX. D. AND MAINTENANCE MANUAL AS GUIDELINE. COMPRESSION TEST: LH #5 70/80 #3 70/80 #1 68/80 #6 68/80 #4 52/80 #2 70/80. CHANGED OIL AND CHECKED SCREEN. SERVICED WITH AEROSHELL W100 OIL. NO METAL FOUND AT THIS TIME. CLEANED AND GAPPED ALL SPARK PLUGS. WASHED ENGINE. CHECKED MAGNETO TIMING. ALL AD'S COMPLIED WITH TO THIS DATE. CLEANED AIR FILTER. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

*James B. McManus*

**JAMES B. McMANUS**  
 455130849 I/A

BROUGHT FORWARD

TOTALS



# ENGINE LOG

DATE

**JAMES B. McMANUS**  
 101 Piper lane  
 Spicewood, Texas 78669  
 830 693 0408 shop  
 JIMBO.MCM@GMAIL.COM

Date  
 Manuf.  
 Model  
 S/N  
 Ac. Hrs.

12-16-2010  
 TELEDYNE CONTINENTAL  
 IO 550 EIB  
 283378-R  
 5897.7

LH

LICEN  
 NUM

\*LH ENGINE HAS METAL IN OIL. DRAINED OIL AND CLEANED OIL SCREEN. SERVICED WITH AEROSHELL 100 AD OIL. SOME METAL NOTED AT THIS TIME. NOTED HOURS AND NEED OIL SAMPLE IN 10 HOURS TO DETERMINE WHERE METAL IS COMING FROM. ADVISED OWNER. ALTERNATOR BELT COMES OFF. CHECKED SYSTEM AND DETERMINED POSSIBLE STARTER DRIVE ASSY MALFUNCTION. REMOVED STARTER DRIVE ASSY AND SENT FOR REPAIR. REPAIRED AS NEEDED AND REINSTALLED. OPS CHECKED AND NOT SATISFIED PROBLEM IS CURRED. NEED MORE CHECKS TO DETERMINED PROBLEM. SWAPPED LH ALTERNATOR AND BELT TO RH SIDE AND RH ALTERNATOR AND BELT TO LH SIDE. NEED TEST FLIGHT TO DETERMINED PROBLEM.

*James B. McManus*  
 455130849 I/A  
 JAMES B. McMANUS

**JAMES B. McMANUS**  
 101 Piper lane  
 Spicewood, Texas 78669  
 830 693 0408 shop  
 JIMBO.MCM@GMAIL.COM

Date  
 Manuf.  
 Model  
 S/N  
 Ac. Hrs.

05-02-2011  
 TELEDYNE CONTINENTAL  
 IO 550 EIB  
 283378-R

LH

\*TROUBLESHOOT LH ENGINE BELT JUMPING OFF. FOUND INTERNAL DAMAGE FROM CRANKSHAFT COUNTERWEIGHT AND FOUND METAL IN OIL. ADVISED OWNER.

*James B. McManus*  
 455130849 I/A  
 JAMES B. McMANUS

BROUGH



JAMES B. McMANUS  
101 Piper lane  
Spicewood, Texas 78669  
830 693 0408 shop  
JIMBO.MCM@GMAIL.COM

Date  
Manuf.  
Model  
S/N

09-29-2011  
TELEDYNE CONTINENTAL  
IO550EIB  
283378-R

LH

Hrs.

~~00.000~~ ENG. TTS MCH

5907.014663  
\*OVERHAUL LH ENGINE. TELEDYNE CONTINENTAL MODEL: IO550EIB, SERIAL NUMBER 283378-R, REMOVED ENGINE AND DISASSEMBLED COMPLETELY. CERTIFIED PARTS AS FOLLOWS, FUEL PUMP, TACH GEN, FUEL CONTROL, PROP GOV, STARTER, CRANKCASE, CAMSHAFT, CONNECTING ROD, GEARS, ROCKER ARMS, CRANKSHAFT AND COUNTERWEIGHTS, 5 CYLINDERS AND 1 NEW CYLINDER, LIFTERS. BY ENGINE COMPONENTS INC. SAN ANTONIO TEXAS. ASSEMBLED ENGINE WITH NEW BEARINGS, BOLTS, NUTS, SEALS, GASKETS, AS REQUIRED. PAINTED CRANKCASE AND INSTALLED ENGINE BACK ON LH MOUNT WITH NEW LORD MOUNTS. TORQUED ENGINE BOLTS PER ENGINE OVERHAUL MANUAL. RECONNECTED ALL CONTROLS, HOSES, WIRES, EXHAUST SYSTEM, FUEL SYSTEM, AND RIGGED. OPS CHECKED ENGINE, SET IDLE/MIXTURE, RPM, FUEL FLOW, MANIFOLD PRESSURE ELECTRICAL SYSTEM. OPS CHECKED AND LEAK CHECKED GOOD. ALL AD'S COMPLIED WITH TO THIS DATE. SERVICE WITH PHILIPS 20W-50 OIL FOR BRAKE IN TEST FLEW AIRCRAFT ALL CHECKED OK.

Jan B. McManus  
455130849 I/A  
JAMES B. McMANUS

JAMES B. McMANUS  
101 Piper lane  
Spicewood, Texas 78669  
830 693 0408 shop  
JIMBO.MCM@GMAIL.COM

Date  
Manuf.  
Model  
S/N  
Ac. Hrs.

09-29-2011  
TELEDYNE CONTINENTAL  
IO550EIB  
283378-R

LH

HT  
\*PERFORMED A ANNUAL INSPECTION PER FAR 43 APDX D. AND MAINT. MANUAL AS GUIDELINE. COMPRESSION TEST: LH ENGINE NEW. ALL AD'S COMPLIED WITH TO THIS DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Jan B. McManus  
455130849 I/A  
JAMES B. McMANUS



JAMES B. McMANUS  
101 Piper lane  
Spicewood, Texas 78669  
830 693 0408 shop  
JIMBO.MCM@GMAIL.COM

Date  
Manuf  
Model  
S/N

02-28-2012  
TELEDYNE CONTINENTAL  
IO550EIB  
283378-R

LH

\*CHANGE OIL AND CHECKED FILTER ON LH SIDE. DRAINED OIL, CLEANED AND WASHED OIL SCREEN. NO METAL NOTED AT THIS TIME. SERVICED WITH 11 QTS. PHILLIPS 20W50 OIL OPS CHECKED AND LEAK CHECKED GOOD. NEXT OIL CHANGE DUE IN 25 HRS.

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101 Piper lane  
Spicewood, Texas 78669  
830 693 0408 shop  
JIMBO.MCM@GMAIL.COM

Date  
Manuf  
Model  
S/N

05-23-2012  
TELEDYNE CONTINENTAL  
IO550EIB  
283378-R

LH

\*CHANGED OIL AND CHECK SCREENS BOTH ENGINES. DRAINED OIL AND CHECKED SCREENS FOR METAL. NO METAL NOTED AT THIS TIME. SERVICED ENGINES WITH PHILLIPS 20W-50 OIL, 10 QTS EACH. DIP STICKS NOTED NOT MEASURING PROPERLY. ADDED OIL 2 QTS AT A TIME AND REMARKED DIP STICKS AS NEEDED. LH ENGINE OFF BY 1 QT, REMARKED AS NEEDED. BALANCED PROPELLER BY JORDAN PROPELLER SERVICES. SEE PROPELLER LOGS BOOKS.

*James B. McManus*  
455130849 I/A  
JAMES B. McMANUS

## ENGINE LOG

**JAMES B. McMANUS**  
 101 Piper lane  
 Spicewood, Texas 78669  
 830 693 0408 shop  
 JIMBO.MCM@GMAIL.COM

Date	11-01-2012	LH
Manuf.	TELEDYNE CONTINENTAL	
Model	IO550E1B	
S/N	283378-R	
Ac. Hrs.	5967.8 HOBBS	60.0 TSMOH

\*PERFORMED A ANNUAL INSPECTION PER FAR 43 APDX D. AND MAINT. MANUAL AS GUIDELINE. COMPRESSION TEST: LH ENGINE #6 77/80 #4 72/80 #2 73/80 #5 77/80 #3 55/80 #1 74/80. CHANGED OIL AND CHECKED SCREEN. SERVICE WITH 10 QTS. AEROSHELL 100 AD OIL. CHECKED SCREEN FOR METAL. NO METAL FOUND AT THIS TIME. CLEANED AND CHECKED ALL SPARK PLUGS. WASHED ENGINE OPS CHECKED AND LEAK CHECKED GOOD. ENGINE AIR FILTER DUE CHANGE. INSTALLED NEW FILTER AS REQUIRED. REPLACED ALTERNATOR BELT LH ENGINE. ALL AD'S COMPLIED WITH TO THIS DATE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

*James B. McManus*  
 455130849 I/A  
**JAMES B. McMANUS**

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 Spicewood, Texas 78669  
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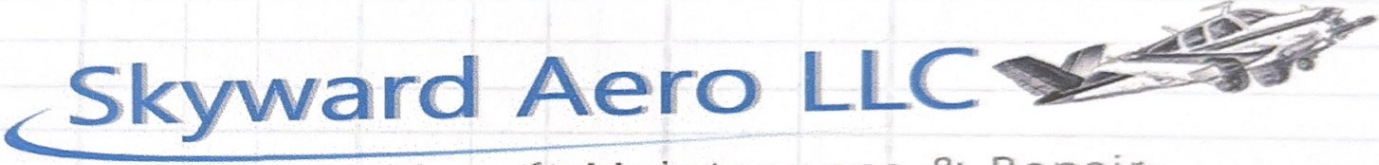
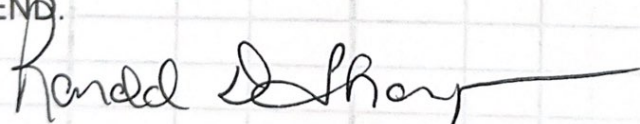
Date	12-20-2012	LH
Manuf.	TELEDYNE CONTINENTAL	
Model	IO550E1B	
S/N	283378-R	
Ac. Hrs.	5969.0 HOBBS	

\*LH TACH GENERATOR INOP. FOUND GENERATOR AT FAULT, INSTALLED NEW TACH GENERATOR ASSY AND OPS CHECKED GOOD. CHECKED CANNON PLUGS BOTH SIDES ALL CHECKS NORMAL.

*James B. McManus*  
 455130849 I/A  
**JAMES B. McMANUS**



# ENGINE LOG

DATE	R.P.M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME			REPAIRS - ADJUSTMENTS	SIGNATURE
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.	Total		
 <h2>Skyward Aero LLC</h2> <p>Aircraft Maintenance &amp; Repair</p> <p>101 Piper Ln Spicewood, Texas 830-693-2425</p> <p>Right Engine Maintenance Entry      N11AC      10 September 2014</p> <p>Beechcraft 95-A55      S/N: TC-215      HM: 6023.6      Work Order: 1193</p> <p>Changed Oil and cleaned Screen. No metal noted at this time. Serviced with 10 qts Aeroshell W100 Oil. Performed ground run and leak check. No defects noted at this time.</p> <p>END.</p> <p></p> <p>Ronald D. Thompson A&amp;P 3033312 IA</p>													
BROUGHT FORWARD													
TOTALS													