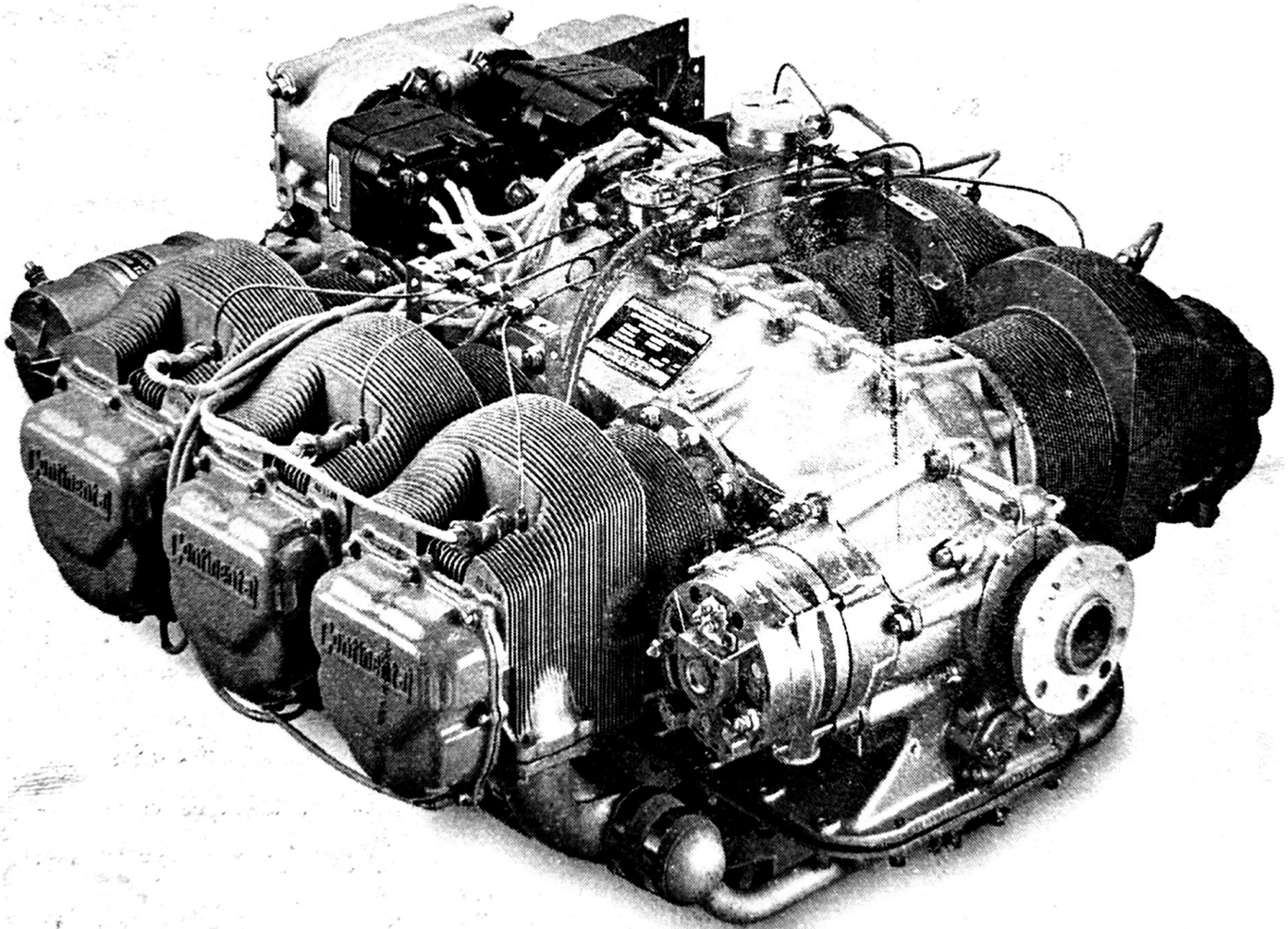


N458BA

R/H

ENGINE LOG BOOK

RIGHT ENGINE
FACTORY RE-MAN



Teledyne Continental Motors, Inc.

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.**



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 09/22/2005

This engine model 10470L21, Serial No. 298290 - R was manufactured on 09/21/2005 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS
A TELEDYNE TECHNOLOGIES COMPANY
PRODUCTION CERTIFICATE NO. 508

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.	
10-14-05					
HOBBS	3527	2			INSTALLED THIS ENGINE THIS TIME & DATE IN P/H POSITION ON BEECHCRAFT 95BSS 3/4-TC1830. ENGINE INSTALLED USING ALL NEW SHOCK MOUNTS & MOUNT HARDWARE. REPLACED ALL GUNING TO FIREWALL FLEXIBLE HOSE ASSEMBLIES WITH NEW UNITS - SEE MANUFACTURING AUTHORIZATION THIS DATE IN AIRCRAFT LOG. REPLACED PROP GOVERNOR WITH OVERHAULED UNIT P/N-B210438 P/N-995266P - PLEASE SEE PAA FORM 8130-3 THIS DATE IN AIRCRAFT LOG. INSTALLED NEW BATCOOS INDUCTION AIR FILTER ELEMENT. REINSTALLED AS REMOVED VACUUM PUMP & TACH GENERATOR. REINSTALLED EXHAUST SYSTEM USING NEW GASKETS. REPLACED INBOARD TAILPIPE SUPPORT CHANNEL UPPER ATTACHMENT ANGLE WITH NEW ANGLE P/N- REPLACED EXHAUST TAILPIPE TANDEN CLAMP LOWER HALF WITH NEW UNIT P/N-96-950011.W- -SPRITED, RIGGED & LUBED ALL ENGINE CONTROLS. FLUSHED & REINSTALLED PROPELLER P/N-EB423. INSTALLED NEW CH48109-1 OIL FILTER. SERVICED ENGINE WITH 12 QTS. AEROSHELL 100 OIL, WASHED, RAN & ACCOMPLISHED FUEL SYSTEM SET-UP PROCEDURE 1/A/W TCM SID 97-32. ENGINE WAS FOUND TO BE OPERATING PROPERLY WITH NO LEAKS @ THIS TIME -
TSRB	0				
					END
					HOBBS/TACH 3527.2 DATE 10-14-05 ENGINE TSRB - "0" SMOH N/A I certify that this ENGINE has been inspected in accordance with a 100HR/MANUAL inspection and was determined to be airworthy condition. Mechanic APY 3880071A Pertinent details of engine under repair order * SC04
04/16/06	HOBBS	357.2			CHG'D OIL & FILTER 12 Qts Aero Shell 100W J. Fenwick

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	→				COMPLETED 100HR/ANNUAL INSPECTION OF ENGINE THIS TIME & DATE, CHANGED OIL & FILTER USING 11 QTS. AEROSHELL WICOP OIL & CH48109-1 FILTER-OPENED & INSPECTED REMOVED FILTER FOR METAL-NONE NOTED, OBTAINED & SUBMITTED OIL SAMPLE, PERFORMED ENGINE COMPRESSION TEST- READINGS ARE AS FOLLOWS: $\begin{matrix} 75 & 75 & 18 & 18 & 77 & 74 \\ \text{Q } 20 & \text{Q } 20 & \text{Q } 20 & \text{Q } 20 & \text{Q } 20 & \text{Q } 20 \end{matrix}$ CHECKED MAGNETO TIMING, CLEANED & GAPPED ALL SPARK PLUGS, CLEANED MAIN & INLET FUEL SCREENS, INSTALLED NEW BAT7605 INDUCTION AIR FILTER ELEMENT. INSPECTED ALL INDUCTION & EXHAUST SYSTEMS - REPLACED OUTBOARD EXHAUST TAIL PIPE CLAMP WITH NEW UNIT P/N-96-950002-69 REMOVED & REPLACED #4 EXHAUST RISER WITH NEW UNIT P/N-K96-950002-7, INSPECTED ALL SHOCK MOUNTS, TUBING & ASSOCIATED HARDWARE, INSPECTED & LUBED ALL ENGINE CONTROLS, INSPECTED ALL BAFFLES & SEALS, INSPECTED ALL ACCESSORIES & ASSOCIATED PLUMBING, WIRING & BRACKETRY FOR CONDITION & SECURITY, ALL APPLICABLE AIRWORTHINESS DIRECTIVES CHECKED & FOUND P/C/W TO DATE - PLEASE SEE AD COMPLIANCE SUMMARIES IN AIRCRAFT RECORDS, WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME - END -
11-1-06					
HOBBS	3629.7				
TSRB	102.5				
<p>HOBBS/TACH 3629.7 DATE 11-1-06 ENGINE TSRB-102.5 SMOH N/A I certify that this ENGINE has been inspected in accordance with a 100HR/ANNUAL inspection and was determined to be in airworthy condition. Mechanic: <u>Bill Johnson</u> Pertinent details of the repair order # <u>821</u></p>					

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	→				CHB'D OIL & FILTERS 100W AERO - SHELL 12 QTs R Janel - Co-owner
03/27/07					
HOBBS	3660.8				
HOBBS	3727.4				OWNER PERFORMED OIL CHANGE
12-3-07					COMPLETED 100HR/ANNUAL INSPECTION THIS TIME & DATE, CHANGED OIL & FILTER USING 11 QTS. AEROSHELL WICOP OIL & CH48109-1 FILTER-OPENED & INSPECTED REMOVED FILTER FOR METAL-NONE NOTED, OBTAINED & SUBMITTED OIL SAMPLE, PERFORMED ENGINE COMPRESSION TEST- READINGS ARE AS FOLLOWS: $\begin{matrix} 76 & 76 & 16 & 16 & 76 & 76 \\ \text{Q } 20 & \text{Q } 20 & \text{Q } 20 & \text{Q } 20 & \text{Q } 20 & \text{Q } 20 \end{matrix}$ CHECKED MAGNETO TIMING, REPLACED ALL SPARK PLUGS WITH NEW RHB323 PLUGS, CLEANED ALL FUEL SCREENS, INSTALLED NEW BAT7605 INDUCTION AIR FILTER ELEMENT. INSPECTED ALL INDUCTION & EXHAUST SYSTEMS - REPLACED INBOARD EXHAUST TAIL PIPE WITH NEW UNIT P/N-K96-950002-57, INSPECTED ALL SHOCK MOUNTS, TUBING & ASSOCIATED HARDWARE, INSPECTED & LUBED ALL ENGINE CONTROLS, INSPECTED ALL FUEL, AIR & OIL LINES & HOSES FOR CONDITION & LEAKAGE, INSPECTED ALL BAFFLES & SEALS FOR CONDITION & SECURITY, INSPECTED ALL ACCESSORIES & ASSOCIATED PLUMBING, WIRING & BRACKETRY FOR CONDITION & SECURITY, ALL APPLICABLE AIRWORTHINESS DIRECTIVES CHECKED & FOUND P/C/W TO DATE - PLEASE SEE AD COMPLIANCE SUMMARY IN AIRCRAFT RECORDS, WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME - END
03/27/07					
HOBBS	3757.4				
TSRB	230.2				
<p>HOBBS/TACH 3757.4 DATE 12-3-07 ENGINE TSRB-230.2 SMOH N/A I certify that this ENGINE has been inspected in accordance with a 100HR/ANNUAL inspection and was determined to be in airworthy condition. Mechanic: <u>Bill Johnson</u> Pertinent details of the repair order # <u>1166</u></p>					

R/H

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	→				
10/11/08					CHG'D OIL & FILTER 12 QTS AEROSHELL
HOBBS	3	835.4			100W 48109 Champ Filter A. Daniel
1-12-09					COMPLETED 100HR/ANNUAL INSPECTION
HOBBS	3	869.2			OF ENGINE THIS TIME & DATE, CHANGED
TSRB	3	42.0			OIL & FILTER USING 11 QTS. AEROSHELL
					WICOOP OIL & CH48109-1 FILTER-OPENED
					& INSPECTED REMOVED FILTER FOR
					METAL-NONE NOTED, OBTAINED & SUB-
					-MITTED OIL SAMPLE, PERFORMED ENGINE
					COMPRESSION TEST-READINGS ARE AS
					FOLLOWS: 1)74 2)76 3)76 4)74 5)76 6)74.
					CHECKED MAGNETO TIMING, CLEANED &
					GAPPED ALL SPARK PLUGS, CLEANED MAIN
					& INLET FUEL SCREENS, INSTALLED NEW
					BAT605 INDUCTION AIR FILTER ELEMENT.
					INSPECTED ALL INDUCTION & EXHAUST
					SYSTEMS, REPLACED 4H & 1/2H EXHAUST
					TAILPIPE UPPER SUPPORT ANGLES WITH
					NEW ANGLES P/N-96-950002-71 & -72.
					REPAIRED CRACKS ON INDUCTION AIRBOX
					AS NEEDED, INSPECTED ALL SHOCK MOUNTS,
					BRACKETS & ASSOCIATED HARDWARE,
					INSPECTED & LUBED ALL ENGINE CONTROLS *
					REPLACED MIXTURE CONTROL ROD END
					WITH NEW UNIT P/N-35-815056-4.
					INSPECTED ALL FUEL, AIR & OIL LINES &
					HOSES FOR CONDITION & LEAKAGE.
					INSPECTED ALL BAFFLES & SEALS FOR
					CONDITION & SECURITY-REPLACED UPPER
					INNERCYLINDER BAFFLES BETWEEN
					#1 & #3 AND #2 & #4 CYLINDERS WITH
					SERVICEABLE UNITS, INSPECTED ALL
					ACCESSORIES & ASSOCIATED PUMPING,
					WIRING, BELT & BRACKETRY FOR CON-

(CONT'D NEXT PAGE)

(CONT'D FROM PREVIOUS PAGE)

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	→				- DITION & SECURITY - RETENSIONED
					ALTERNATOR DRIVE BELT, REMOVED
					PROPELLER P/N-6B2604 FOR OVERHAUL
					& REINSTALLED - PLEASE SEE PROP LOG
					FOR DETAILS. ALL APPLICABLE AIRWOR-
					-THINESS DIRECTIVES CHECKED & FOUND
					P/O/W TO DATE - PLEASE SEE AD NOTE
					COMPLIANCE SUMMARY IN AIRCRAFT
					RECORDS. WASHED & RAN ENGINE &
					FOUND IT TO BE OPERATING PROPERLY
					WITH NO LEAKS AT THIS TIME - END →
					HOBBS/TACH 3869.2 DATE 1-12-09
					ENGINE 15RB-342.0 SIMCH N/A
					I certify that this ENGINE has been
					inspected in accordance with a 100HR/ANNUAL
					inspection and was determined to be in airworthy condition.
					Mechanic AP438828091A
					Pertinent details on file under repair order
					• 1396
2-5-10					COMPLETED 100HR/ANNUAL INSPECTION
HOBBS	3	914.0			THIS TIME & DATE, CHANGED OIL & FILTER
TSRB	3	86.8			USING 11 QT. AEROSHELL WICOOP OIL &
					CH48109-1 FILTER-OPENED & INSPECTED
					REMOVED FILTER FOR METAL-NONE NOTED.
					OBTAINED & SUBMITTED OIL SAMPLE.
					PERFORMED ENGINE COMPRESSION TEST-
					READINGS ARE AS FOLLOWS: (H.O. LOW = 48)
					1)77 2)75 3)77 4)75 5)77 6)71. CHECKED
					MAGNETO TIMING & FOUND -OK @ 20° BTC.
					CLEANED, GAPPED & TESTED ALL SPARK PLUGS.
					CLEANED MAIN & INLET FUEL SCREENS.
					INSTALLED NEW BAT605 INDUCTION AIR
					FILTER ELEMENT, INSPECTED ALL INDUCTION
					& EXHAUST SYSTEMS, INSPECTED ALL SHOCK
					MOUNTS, BRACKETS & ASSOCIATED HARDWARE.
					INSPECTED & LUBED ALL ENGINE CONTROLS.
					INSPECTED ALL FUEL, AIR & OIL LINES & HOSES
					FOR CONDITION & LEAKAGE. INSPECTED BAFFLES
					& SEALS FOR CONDITION & SECURITY. INSPECTED

(CONT'D NEXT PAGE) 5

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 →					
(CONT'D FROM PREVIOUS PAGE)					
ALL ACCESSORIES & ASSOCIATED PLUMBING & WIRING FOR CONDITION & SECURITY. AD2009-19-07 N/A BY ENGINE S/N & NO CYLINDER REPLACEMENT DURING SUBJECT PERIOD. AD2009-24-52 N/A BY DATE OF REBUILD & NO LIFTER REPLACEMENT DURING SUBJECT PERIOD. ALL OTHER APPLICABLE AIRWORTHINESS DIRECTIVES CHECKED & FOUND P/C/W TO DATE - PLEASE SEE AD NOTE COMPLIANCE SUMMARY IN AIRCRAFT RECORDS. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME. ————— END —————					
HOBBS/TAGH 3914.0 DATE 2-5-10 ENGINE TSRB-386.8 SMOH N/A I certify that this ENGINE has been inspected in accordance with a 100HR/ANNUAL inspection and was determined to be airworthy condition. Mechanic <u>AP13880091A</u> <u>John B. Teague</u> Pertinent details on file under repair order # 1668					
3-1-11	HOBBS 3974.2	TSRB 447.0	COMPLETED 100HR/ANNUAL INSPECTION THIS TIME & DATE. CHANGED OIL & FILTER USING 11 QTS. AEROSHELL 100W OIL & CH48109-1 FILTER - OPENED & INSPECTED REMOVED FILTER FOR METAL - NONE NOTED. OBTAINED & SUBMITTED OIL SAMPLE. PERFORMED COMPRESSION TEST - READINGS ARE AS FOLLOWS: (NO. LOW = 46) 1) 71 2) 71 3) 74 4) 74 5) 71 6) 73. CHECKED MAGNETO TIMING & FOUND OK @ 20° BTC. CLEANED, GAPPED & TESTED SPARK PLUGS. CLEANED MAIN & INLET FUEL SCREENS. INSTALLED NEW BA760S INDUCTION AIR FILTER ELEMENT. INSPECTED INDUCTION & EXHAUST SYSTEMS REPLACED OUTBOARD EXHAUST TAILPIPE UPPER SUPPORT BRACKET WITH NEW UNIT N-96-950002-72. INSPECTED SHOCK MOUNTS BRACKETS & ASSOCIATED HARDWARE. INSPECTED & LUBED		

(CONT'D NEXT PAGE)

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 →					
(CONT'D FROM PREVIOUS PAGE)					
ALL ENGINE CONTROLS. INSPECTED ALL FUEL, AIR & OIL LINES & HOSES FOR CONDITION & SECURITY. INSPECTED Baffles & seals for condition & security. INSPECTED ALL ACCESSORIES & ASSOCIATED PLUMBING, WIRING, BELT & BRACKETRY FOR CONDITION & SECURITY - REPLACED ALTERNATOR DRIVE BELT WITH NEW UNIT P/N-539547-31.9. AD2010-11-04 N/A BY DATE OF REBUILD & NO LIFTER REPLACEMENT DURING SUBJECT PERIOD. ALL OTHER APPLICABLE AIRWORTHINESS DIRECTIVES CHECKED & FOUND P/C/W TO DATE - PLEASE SEE AD NOTE COMPLIANCE SUMMARY IN AIRCRAFT RECORDS. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME. ————— END —————					
HOBBS/TAGH 3974.2 DATE 3-1-11 ENGINE TSRB 447.0 SMOH N/A I certify that this ENGINE has been inspected in accordance with a 100HR/ANNUAL inspection and was determined to be airworthy condition. Mechanic <u>AP13880091A</u> <u>John B. Teague</u> Pertinent details on file under repair order # 1671					

Log Book Entry
 Aug 19, 2011 N458BA B-55 S/N TC 1830 WO# 506654
 Right Engine S/n 298290

1. Drained oil, removed, inspected & replaced CH48109-1 Oil Filter.
2. Serviced engine with 11 quarts of Aeroshell 100W.
3. Ran engine and leak checked.

Engine Time = 437.4 Hobbs = 4000.6

The Above work was inspected and found to be Airworthy for return to service.

By John B. Teague For
 Riverhawk Aviation Inc.
 Hickory, N.C.
 CRS# FFGR870D
 Date 8-19-11 WO# 506654

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	→				



RIGHT ENGINE LOG ENTRY

N458BA HOBBS: 4019.9 TSRB: 492.7 DATE: 3-26-12
TCM 10-470-L
S/N - 298290-R

COMPLETED 100 HR/ANNUAL INSPECTION THIS TIME & DATE. CHANGED OIL & FILTER USING 11 QTS. AEROSHELL W100 OIL & CH48109-1 FILTER - OPENED & INSPECTED REMOVED FILTER FOR METAL - NONE NOTED. OBTAINED & SUBMITTED OIL SAMPLE. PERFORMED COMPRESSION TEST - READINGS ARE AS FOLLOWS: (M.O. LOW = 46) 1)71, 2)64, 3)73, 4)70, 5)77, 6)70. CHECKED MAGNETO TIMING & FOUND -OK- @ 20° BTC. CLEANED, GAPPED & TESTED ALL SPARK PLUGS. CLEANED MAIN & INLET FUEL SCREENS. INSTALLED NEW BA7605 INDUCTION AIR FILTER ELEMENT. INSPECTED INDUCTION & EXHAUST SYSTEMS - REPLACED MISSING FASTENER ON INDUCTION AIR FILTER COVER. INSPECTED SHOCK MOUNTS, BRACKETS & ASSOCIATED HARDWARE. INSPECTED & LUBED ALL ENGINE CONTROLS. INSPECTED ALL FUEL, AIR & OIL LINES/HOSES FOR CONDITION & LEAKAGE. INSPECTED BAFFLES & SEALS FOR CONDITION & SECURITY. INSPECTED ALL ACCESSORIES & ASSOCIATED PLUMBING, WIRING, BELT & BRACKETRY FOR CONDITION & SECURITY - RETENSIONED ALTERNATOR DRIVE BELT AS NEEDED. AD2012-13-06 N/A - NOT INSTALLED. ALL OTHER APPLICABLE AIRWORTHINESS DIRECTIVES CHECKED & FOUND P/C/W TO DATE - PLEASE SEE AD NOTE COMPLIANCE SUMMARY IN AIRCRAFT RECORDS. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

END
Scott J Fournet
SCOTT J FOURNET
AP4388080991A



RIGHT ENGINE LOG ENTRY

N458BA HOBBS: 4064.8 TSRB: 537.6 DATE: 4-1-13
TCM - 10-470-L
S/N - 298290-R

COMPLETED 100 HR/ANNUAL INSPECTION THIS TIME & DATE. CHANGED OIL & FILTER USING 11 QTS. AEROSHELL W100 OIL & CH48109-1 FILTER - OPENED & INSPECTED REMOVED FILTER FOR METAL - NONE NOTED. OBTAINED & SUBMITTED OIL SAMPLE. PERFORMED COMPRESSION TEST - READINGS ARE AS FOLLOWS: (M. O. LOW = 46) 1)74, 2)72, 3)76, 4)70, 5)74, 6)70. CHECKED MAGNETO TIMING & FOUND -OK- @ 20° BTC. CLEANED & TESTED ALL SPARK PLUGS. CLEANED MAIN & INLET FUEL SCREENS. INSTALLED NEW BA7605 INDUCTION AIR FILTER ELEMENT. INSPECTED INDUCTION & EXHAUST SYSTEMS. INSPECTED SHOCK MOUNTS, MOUNT ASSY., BRACKETS & ASSOCIATED HARDWARE. INSPECTED & LUBED ALL ENGINE CONTROLS. INSPECTED ALL FUEL, AIR & OIL LINES & HOSES FOR CONDITION & LEAKAGE. INSPECTED BAFFLES & SEALS FOR CONDITION & SECURITY. INSPECTED ALL ACCESSORIES & ASSOCIATED PLUMBING, WIRING, BELT & BRACKETRY FOR CONDITION & SECURITY. ALL APPLICABLE AIRWORTHINESS DIRECTIVES CHECKED & FOUND P/C/W TO DATE - PLEASE SEE AD COMPLIANCE SUMMARY IN AIRCRAFT RECORDS. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

END
Scott J Fournet
SCOTT J FOURNET
AP4388080991A

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	→				

Butler Aviation, Inc.
211 Aviation Rd.
Houma, LA 70363
1-800-851-5737

Right Engine Maintenance Log Entry

Reg: N458BA S/N: 298290-R Nov 18, 2013 Hobbs: 4116.4 TSN: 589.2

Completed annual inspection this time and date. Drained oil and serviced with 11 quarts Aeroshell W100. Removed and replaced oil filter with new P/N; CH48109-1. Opened removed filter and inspected for metal. None found at this time. Performed compression test. Readings are as follows: #1 72/80, #2 75/80, #3 73/80, #4 68/80, #5 71/80, #6 72/80. Checked magneto timing and found ok at 20° BTC. Cleaned and tested all spark plugs. Cleaned main and inlet fuel screens. Inspected cylinders and associated hardware. Removed and replaced both intake and exhaust pushrod tube packing and valve cover gaskets on cylinders #1, #3, #4, #5, and #6. Inspected induction and exhaust systems. Inspected engine mounts, brackets and associated hardware. Inspected and lubed all engine controls. Inspected all engine accessories. Removed and replaced dipstick o-ring with new P/N: AS3570-112. Removed and replaced Oil cap seal with new, P/N: 535823. Removed and replaced dipstick lanyard with new. Removed, cleaned and reinstalled fuel injectors. All applicable Airworthiness Directives checked and found P/C/W to date - Please see AD compliance summary in aircraft records. Washed and ran engine and found it to be operating properly with no leaks at this time. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition at this time.

Charles L. Hammonds II
Charles L. Hammonds II AP: Pending

Date 11-18-13 Total Time 589.2
I certify that this aircraft engine has been inspected in accordance with an annual inspection, and is determined to be in an airworthy condition.
Michael Watson
A+B 438929507 I.A.



7612 US Hwy 167
ABBEVILLE, LA 70510
(337) 893-7461
(337) 893-8887 FACSIMILE

RIGHT ENGINE LOG ENTRY

N458BA HOBBS: 4139.8 TSRB: 612.6 DATE: 12-19-14
TCM 10-470-L
S/N - 298290-R

COMPLETED 100 HR/ANNUAL INSPECTION THIS TIME & DATE. CHANGED OIL & FILTER USING 11 QTS. AEROSHELL W100 OIL & CH48109-1 FILTER. OPENED & INSPECTED REMOVED FILTER FOR METAL - NONE NOTED. OBTAINED & SUBMITTED OIL SAMPLE. PERFORMED COMPRESSION TEST - READINGS ARE AS FOLLOWS: (M. O. LOW = 43) 1)70, 2)65, 3)78, 4)70, 5)72, 6)71. CHECKED MAGNETO TIMING & FOUND -OK- @ 20° BTC. CLEANED, GAPPED & TESTED SPARK PLUGS. CLEANED MAIN & INLET FUEL SCREENS. INSTALLED NEW BA7605 INDUCTION AIR FILTER ELEMENT. INSPECTED INDUCTION & EXHAUST SYSTEMS. INSPECTED SHOCK MOUNTS, MOUNT ASSY. & ASSOCIATED HARDWARE. INSPECTED & LUBED ENGINE CONTROLS. INSPECTED ALL FUEL, AIR & OIL LINES & HOSES FOR CONDITION AND SECURITY. INSPECTED BAFFLE & SEAL CONDITION. INSPECTED ALL ACCESSORIES & ASSOCIATED PLUMBING, WIRING, BELT & BRACKETRY FOR CONDITION & SECURITY. ALL APPLICABLE AIRWORTHINESS DIRECTIVES CHECKED & FOUND P/C/W TO DATE - PLEASE SEE AD COMPLIANCE SUMMARY IN AIRCRAFT RECORDS. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

END
Duane Sisk
DUANE SISK
AP35556511A

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.
8/24/15	HOBBS 4181.5		TSOH 654.3	
Registration #	N458BA		TCRIM	
Serial #	F481			

RIGHT ENGINE LOG ENTRY

DRAINED OIL REMOVED AND CUT OPEN FILTER. NO METAL. INSTALLED, TORQUED AND SAFTIED NEW CH48109-1 FILTER. SERVICED ENGINE WITH 11 QTS AEROSHELL 100 OIL. TEST RUN. NO LEAKS.

Charles L. Hammond A.P. 3725107 CHARLES L. HAMMONDS, II 3725107 A.P.

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
1/8/16	HOBBS 4194.2		TSOH 667.0	
Registration #	N458BA		MODEL TCM-470-L	
Serial #	298290-R			

RIGHT ENGINE LOG ENTRY

COMPLETED ANNUAL INSPECTION THIS TIME AND DATE. DRAINED OIL AND SERVICED WITH 11 QTS AEROSHELL 100 OIL. REMOVED AND CUT OPEN FILTER NO METAL. INSTALLED TORQUED AND SAFTIED NEW CH48109-1 FILTER. PERFORMED COMPRESSION CHECK. #1 70/80, #2 66/80, #3 75/80, #4 70/80, #5 71/80, #6 71/80 REMOVED CLEANED AND TEST SPARK PLUGS. REMOVE BOTH MAGS INSPECTED IMPULSE COUPLINGS. INTERNALLY TIMED. INSTALLED BOTH MAG AND SET AT 20 DEGREES B.T.D.C. INSTALLED AND TORQUED SPARK PLUGS. CLEANED MAIN INLET FUEL SCREENS. REMOVED FUEL NOZZLES CLEANED INSPECTED INSTALLED IN SAME POSITIONS SEE A.D. COMPLIANCE RECORD IN AIRCRAFT RECORDS. WASHED ENGINE TEST RUN NO LEAKS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

Charles L. Hammond A.P. 3725107 CHARLES L. HAMMONDS, II 3725107 A.P.
Michael Watson A.P. 438929507 I.A. MICHAEL WATSON, A.P. 438929507 I.A.

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
2/1/17	HOBBS 689.0		TSOH 4216.3	
Registration #	N458BA		Model TCM-IO-470-L	
Eng Serial #	298290-R			

RIGHT ENGINE LOG ENTRY

COMPLETED ANNUAL INSPECTION THIS TIME AND DATE. DRAINED OIL AND SERVICED WITH 11 QUARTS AEROSHELL 100 OIL. REMOVED AND CUT OPEN FILTER. NO METAL. INSTALLED, TORQUED AND SAFTIED NEW CH48109-1. COMPRESSIONS #1 60/80, #2 69/80, #3 70/80, #4 70/80, #5 65/80, #6 60/80. REMOVED, CLEANED AND TESTED PLUGS. CHECKED MAG TIMING. INSTALLED AND TORQUED SPARK PLUGS. CLEANED MAIN INLET FUEL SCREENS. REMOVED FUEL NOZZLES. CLEANED, INSPECTED AND INSTALLED IN SAME POSITIONS. SEE A.D. COMPLIANCE RECORD IN AIRCRAFT RECORDS. WASHED ENGINE. TEST RUN. NO LEAKS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME. APPROVED R.T.S.

Charles L. Hammond A.P. 3725107 CHARLES L. HAMMONDS, II 3725107 A.P.
Michael Watson A.P. 438929507 I.A. MICHAEL WATSON, A.P. 438929507 I.A.

Date	4/1/18	HAMMONDS AIRCRAFT MAINTENANCE	Hobbs:	4243.6
Registration #	N458BA	200 AVIATION RD HOUMA, LA 70363 (985)688-1520	TSOH:	716.3
Serial #	298290-R			
Model:	IO-470-L			

Date
Brought Forward

RIGHT ENGINE LOG ENTRY

PERFORMED 100 HOUR/ ANNUAL INSPECTION OF ENGINE. DRAINED OIL AND SERVICED WITH 11 QUARTS AEROSHELL 100 OIL. REMOVED AND CUT OPEN FILTER. NO METAL. INSTALLED, TORQUED AND SAFTIED NEW CH48109-1 FILTER. PERFORMED COMPRESSION CHECK #1 70/80, #2 68/80, #3 74/80, #4 70/80, #5 69/80, #6 60/80. CLEANED AND TESTED SPARK PLUGS. CHECKED MAG TIMING. INSTALLED AND TORQUED PLUGS. CLEANED MAIN INLET FUEL SCREENS. REMOVED FUEL NOZZLES. INSPECTED, CLEANED, INSTALLED AND TORQUED. WASHED ENGINE. TEST RUN AND LEAK CHECK. SET IDLE MIXTURE. CHECKED UNMETERED PRESSURE. SET IDLE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. APPROVED R.T.S.

Charles L. Hammond A.P. 3725107 CHARLES L. HAMMONDS, II 3725107 A.P.
Michael Watson A.P. 438929507 I.A. MICHAEL WATSON, A.P. 438929507 I.A.

Date	5/10/19	HAMMONDS AIRCRAFT MAINTENANCE	Hobbs:	4280.8
Registration #	N458BA	200 AVIATION RD HOUMA, LA 70363 (985)688-1520	TSOH:	750.5
Eng Serial #	298290-R			

RH ENGINE LOG ENTRY

PERFORMED 100 HOUR/ANNUAL INSPECTION OF ENGINE. DRAINED OIL. SERVICED WITH 11 QUARTS AEROSHELL 100+ OIL. REMOVED AND CUT OPEN FILTER. NO METAL. INSTALLED, TORQUED AND SAFTIED NEW CH48109-1 FILTER. COMPRESSIONS MASTER ORFICE #1 62/80, #2 68/80, #3 60/80, #4 64/80, #5 66/80, #6 70/80. CLEANED AND TESTED PLUGS. CHECKED MAG TIMING. NO NEED TO ADJUST. 500 HOUR IMPULSE COUPLING INSPECTION NOT DUE. CLEANED AND INSPECTED FUEL NOZZLES. INSTALLED, TORQUED AND LEAK CHECKED. CLEANED INLET FUEL SCREEN. LUBED ENGINE CONTROLS. CHECKED IDLE MIXTURE. SET IDLE. WASHED ENGINE. TEST RUN AND LEAK CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. APPROVED R.T.S.

Charles L. Hammond A.P. 3725107 CHARLES L. HAMMONDS, II 3725107 A.P.
Michael Watson A.P. 438929507 I.A. MICHAEL WATSON, A.P. 438929507 I.A.

3 02 20 RE Hobbs 4313.8 TSOH 783.5

DRAINED oil & SERVICED with 12 QTS 100 Aeroshell 100 oil. Removed & Cut oil Filter open. No Metal Found. Installed, Torqued and Saftied new CH48109-1 Filter
Michael Baker A.P. 1800521

08-Jul-20 N458BA Ser # 298290-R TACH: 4315.5 TSOH: 785 RT ENG

Completed annual inspection this date. Preformed compression test- Reading are as follow:(M. O. Low = 40) #1-69 #2-64 #3-61 #4-62 #5-61 #6-68. Checked Magneto Timing & found - OK @20*BTDC. Cleaned, gapped, tested, installed and torqued spark plugs. Inspected and lubed engine controls. Inspected all fuel, air oil lines & hoses for condition and security. Replaced scat hose for cooling air for the alternator. Run-up performed I/A/W 14C.F.R.43(C)(2)(I), power checks normal, no leaks noted at this time. I certify that this engine has been inspected I.A.W. a 100-hr. inspection and determined to be in an airworthy condition at this time.

Michael Baker A&P #1800521

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.

Brought Forward →

Make:	Continental		Reg No.:	N458BA
Model:	IO-470-L21B		Date:	6/3/2022
Serial No.:	298290-R		W/O No.:	1780
AFTT:	4315.8		Hobbs:	4315.8
		TSFRM:	788.6	

Description of Work Accomplished.

Work Completed:

- * Completed Hot Compression Check as follows: #1= 68/80, #2= 66/80, #3= 64/80, #4= 66/80, #5= 68/80, #6= 64/80
- * Completed Oil & Filter Change. Serviced engine with Phillips X/C 20W50 and New Tempest AA48109 Filter.
- * Installed new SkyTec Starter P/N: C24ST5 S/N: H-V121252
- * Replaced LH Magneto with Overhauled Magento P/N: BL-349350-4 S/N: F21IA050R. Timed per MM.
- * Replaced RH Magneto with Overhauled Magento P/N: BL-349350-5 S/N: F21AA298R. Timed per MM.
- * Removed all spark plugs cleaned, gapped, and reinstalled with new gaskets. Installed one new plug P/N: URHB32E
- * Removed, cleaned, and reinstalled all fuel injectors. Tightened lines to prevent leaks as needed.
- * Corrected minor oil leaks as needed throughout engine.
- * Cleaned rust off crankshaft flange as needed

Inspections Completed:

- * Complied with Engine 100HR/Annual Inspection IAW manufacturer's instructions and current FARs

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature



Joseph B Averett 2740243 IA/AP

Hancock Aviation LLC
4409 Chuck Yeager Avenue
Baton Rouge, LA 70807

Phone: (225) 800-2359 Fax: (225) 224-6211
Email: info@hancockaviation.com
Web: www.hancockaviation.com

Make:	Continental		Reg No.:	N458BA
Model:	IO-470-L21B		Date:	8/16/2022
Serial No.:	298290-R		W/O No.:	1843
AFTT:	4343.6		Hobbs:	4343.6
		TSFRM:	816.4	

Description of Work Accomplished.

Work Completed:

- * Completed Oil & Filter Change. Serviced engine with Phillips X/C 20W50 and New Tempest AA48109 Filter.

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature



Joseph B Averett 2740243 IA/AP

Hancock Aviation LLC
4409 Chuck Yeager Avenue
Baton Rouge, LA 70807

Phone: (225) 800-2359 Fax: (225) 224-6211
Email: info@hancockaviation.com
Web: www.hancockaviation.com

Make:	Continental		Reg No.:	N458BA
Model:	IO-470-L21B		Date:	3/17/2023
Serial No.:	298290-R		W/O No.:	2016
AFTT:	4390.5		Hobbs:	4390.5
		TSFRM:	863.3	

Description of Work Accomplished.

Work Completed:

- * Completed Oil & Filter Change. Serviced engine with Phillips X/C 20W50 and New Tempest AA48109 Filter.

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

Authorized Signature



Joseph B Averett 2740243 IA/AP

Hancock Aviation LLC
4409 Chuck Yeager Avenue
Baton Rouge, LA 70807

Phone: (225) 800-2359 Fax: (225) 224-6211
Email: info@hancockaviation.com
Web: www.hancockaviation.com

Make:	Continental	 HANCOCK AVIATION <small>SALES SERVICE</small>	Reg No.:	N458BA
Model:	IO-470-L21B		Date:	7/14/2023
Serial No.:	298290-R		W/O No.:	2135
AFTT:	4421.0		Hobbs:	4421.0
		TSFRM:	893.8	

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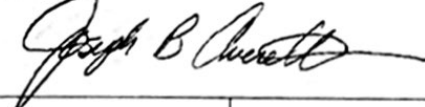
Description of Work Accomplished.

Work Completed:
 * Completed Hot Compression Check as follows: #1= 72/80, #2= 72/80, #3= 66/80, #4= 68/80, #5= 70/80, #6= 74/80
 * Completed Oil & Filter Change. Serviced engine with Phillips X/C 20W50 and New Tempest AA48109 Filter.
 * Replaced Alternator Belt with new P/N: 539547-31.19
 * Removed all spark plugs cleaned, gapped, and reinstalled with new gaskets.
 * Removed, cleaned, and reinstalled all fuel injectors. Tightened lines to prevent leaks as needed.

Inspections Completed:
 * Complied with Engine 100HR/Annual Inspection IAW manufacturer's instructions and current FARs
 * C/W AD 22-16-03 S-1200 Series Magneto Roller Bearings. Found to be N/A by Magneto S/Ns or Previously C/W. No Further Action Required
 * C/W AD 23-02-12 Intake Valve Failures. Found to be N/A by install date. No Further Action Required
 * C/W AD 23-05-16 Crankshaft Counterweight Retaining Rings. Found to be N/A by install date. No Further Action Required

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

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 Email: info@hancockaviation.com
 Web: www.hancockaviation.com

Make:	Continental	 HANCOCK AVIATION <small>SALES SERVICE</small>	Reg No.:	N458BA
Model:	IO-470-L21B		Date:	10/11/2023
Serial No.:	298290-R		W/O No.:	2220
AFTT:	4468.8	RIGHT ENGINE MAINTENANCE ENTRY	Hobbs:	4468.8
		TSFRM:	941.6	

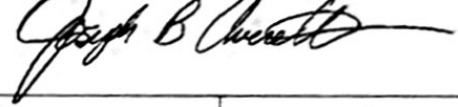
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Description of Work Accomplished.

Work Completed:
 *Completed Oil & Filter Change. Serviced engine with Phillips X/C 20W50 and New Tempest AA48109 Filter. Sent sample to Blackstone Labs for analysis.

Approval for Return to Service

The article identified above was repaired and inspected in accordance with current FAA regulations and was found to be airworthy and is approved for return to service. Pertinent details of the work performed are on file at this agency under this work order.

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