

NA58BA

LH

Teledyne Continental Motors

# ENGINE LOG BOOK

LEFT ENGINE  
FACTORY NEW



**USE ONLY FUEL CONFORMING TO ASTM D910  
USE OF AUTOMOTIVE GASOLINE IS NOT APPROVED.**

This engine model I0470L 21B, Serial No. 468613  
was manufactured on 1-20-00 by Teledyne Continental  
Motors in accordance with approved design data and the applicable  
requirements of Part 21 of the Federal Aviation Regulations. The  
approved design data for this engine incorporates all changes required  
by applicable Airworthiness Directives and Teledyne Continental  
Motors Service Bulletins.



 **TELEDYNE  
CONTINENTAL MOTORS**  
An Allegheny Teledyne Company

L.H.

TC-1830

**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.

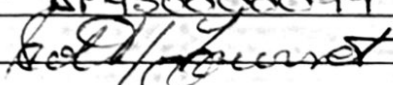
**Engine Returns**

All returned engines are to be shipped with this log book Directly to:

**Teledyne Continental Motors  
Abbeville Industrial Park  
Suite 159  
Abbeville, AL 36310**

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins																				
	Hrs.	Min.	Hrs.	Min.																					
<p>The aircraft, airframe, aircraft engine, propeller, or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.</p> <p>Make: Teledyne Continental Motors      Model: IO470L21B            Serial No.: 468613      Hobbs Time: 3107.7            Date: 02/18/00      Total Time: 00.0</p> <p><b>Work Performed:</b> LEFT: This Factory New Engine installed on Beechcraft B55, S/N TC-1830, N458BA with new lord mounts, bolts, nuts, washers and torqued to specification. Installed new rivets, MS20426405-16, on RH rear engine mount frame pad. Cleaned, primed and painted engine mount. Installed new Teflon fluid hose kit. Installed new cooling air baffle seals. Installed new LH exhaust collector P/N K96-950002-31 and weld repaired hole in LH tailpipe. Installed propeller governor model 210666, S/N 1144735, overhauled by Aviation Propellers, Inc. FAA CRS ME42359M. Installed new ducts on alternator and fuel pump. Installed new baffles/supports P/N 96-910015-89, -37, -167, -81, -41, -165, 35-910066-41 and 35-910294. Transferred air pump model G455, S/N 38151. Repaired propeller accumulator oil line flare. Fabricated new remote oil filter adapter lines. Repaired hole in fwd overboard drain tube. Fabricated and installed aft overboard drain tube. Installed overhauled tach generator P/N H60-50 (MS25038-2), S/N 270356. Installed new oil filter P/N CH48109 and serviced with 12 qts Aeroshell 100 Mineral oil. Ground run and leak checked. Set up fuel system and flight checked. -----End-----</p> <p>Signature: <i>Craig Miller</i>      Details of this inspection are on file under Work Order 0805            TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532      Cert. No. ID4R254M</p>																									
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DATE: 06/23/00</td> <td style="width:25%;">ENGINE MODEL: IO470L21</td> <td style="width:25%;">ENGINE S/N: 468613</td> <td style="width:25%;">ENGINE T. T. :55.2</td> </tr> <tr> <td colspan="4" style="text-align:center;"><b>TELEDYNE CONTINENTAL MOTORS</b></td> </tr> <tr> <td colspan="4" style="text-align:center;"><b>FACTORY REPAIR      MMF 322-10</b></td> </tr> <tr> <td colspan="4"> <p>Engine was return to factory for crankshaft replacement. Engine was disassembled and inspected per factory specification, MSB 00-5B and CSB99-3A. The following parts were replaced: Crankshaft, oil transfer collar, main bearings, connecting rod bearings, thrust washers, new gaskets and seals. Engine was assembled and tested in accordance with the applicable production and standard acceptance test procedures. A complete repair record is on file at MMF 322-10. Engine is acceptable to return to service.</p> </td> </tr> <tr> <td colspan="3"></td> <td style="text-align:right;">           AUTHORIZATION: <i>Harold Ames</i>            DATE: 06/23/00         </td> </tr> </table>						DATE: 06/23/00	ENGINE MODEL: IO470L21	ENGINE S/N: 468613	ENGINE T. T. :55.2	<b>TELEDYNE CONTINENTAL MOTORS</b>				<b>FACTORY REPAIR      MMF 322-10</b>				<p>Engine was return to factory for crankshaft replacement. Engine was disassembled and inspected per factory specification, MSB 00-5B and CSB99-3A. The following parts were replaced: Crankshaft, oil transfer collar, main bearings, connecting rod bearings, thrust washers, new gaskets and seals. Engine was assembled and tested in accordance with the applicable production and standard acceptance test procedures. A complete repair record is on file at MMF 322-10. Engine is acceptable to return to service.</p>							AUTHORIZATION: <i>Harold Ames</i> DATE: 06/23/00
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			AUTHORIZATION: <i>Harold Ames</i> DATE: 06/23/00																						
<p>The aircraft, airframe, aircraft engine, propeller, or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.</p> <p>Make: Teledyne Continental Motors      Model: IO470L21B            Serial No.: 468613      Hobbs Time: 3162.9            Date: 06/30/00      Total Time: 55.2</p> <p><b>Work Performed:</b> This engine installed in Beechcraft B55, S/N TC-1830, N458BA after TCM factory repair (see TCM Factory MMF 322-10 entry dtd 06/23/00 C/S S/N N00DA202. Serviced with 12 qts Aeroshell W100 Plus. Ground ran and leak checked. -----End-----</p> <p>Signature: <i>Craig Miller</i>      Details of this inspection are on file under Work Order 0947            TCM Customer Support Center, 8600 County Rd 32, Fairhope, AL 36532      Cert. No. ID4R254M</p>																									

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
9-1-00	Hobbs 3185.5				I certify that this <u>ENGINE</u> has been inspected in accordance with an/a <u>ANNUAL</u> inspection as per F.A.R. 43 app. D and was to the best of my knowledge determined to be in airworthy condition on this date <u>9-1-00</u> . All undocumented or unauthorized maintenance and/or log book entries will void airworthiness.    SEE PERMANENT AIRCRAFT RECORDS FOR A.D. COMPLIANCE DATA. AIRCRAFT SERVICED PER APPLICABLE MANUFACTURES MAINTENANCE MANUALS.
Brought Forward	→				
9-1-00		3185.5			CHG'D OIL + Filter 11 qts Aeroshell 100w plus R Zennell
6-1-01		3241.5			CHG'D OIL + Filter 11 qts Aeroshell 100w plus R Zennell
05/02/02 Continental IO-470-L21B S/N:468613 L/H Performed prop strike inspection this date per Service Bulletin 96-11. Crankshaft magnafluxing and Ultra Sonic Inspection by Aircraft Specialties Services. Crankcase zygloling by Crankcase Services, Inc. (see yellow tag). Re-assembled engine per manufacture overhaul manual. Serviced with Aero Shell 50wt mineral oil and run in test cell per repair station procedures and forms. Engine not installed on aircraft at this time.					
THE AIRCRAFT COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NO. <u>6752</u> DATE <u>5-2-02</u> SIGNED  TRI-STATE AIRMOTIVE, LLC CRS# HO2R879K					

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				06-04-2002 Cont. IO470-L21B S/N 468613 LH installed in N458BA This engine inspected in accordance with Cont. 100 hr insp. guide & approved for return to service. Compression as follows: 1-75, 2-80, 3-80, 4-80, 5-75, 6-65. Dale LeGrand Hobbs-3257.3 Dale LeGrand 444363907 AP
11/20/02		Hobbs 3278.0			CHG'D OIL 10 QTS AEROSHELL 100W + R Zennell
11-27-02		700k 3278.3			Replaced all spark plugs. Ran engine. Operational check round. No leaks. James Bowen AT P506 B06
2-1-03		Hobbs 3300.6			chg'd oil 11 qts Aeroshell 100w + Filter R Zennell
4-2-03		HOBBS 3304.0			REMOVED & REPLACED THE FUEL INJECTOR PUMP USING FACTORY REBUILT UNIT P/N-646212-31A14 S/N-BO3CA246R. SECURED UNIT & ASSOCIATED PLUMBING & ACCOMPLISHED OPERATIONAL & LEAK CHECKS SATISFACTORY. END AP438808099 

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.	
7-1-03					SEE PERMANENT RECORDS FOR A.D. COMPLIANCE DATA. AIRCRAFT SERVICED PER APPLICABLE MANUFACTURER'S MAINTENANCE MANUALS.  CYLINDER COMPRESSION VALUES: STANDARD 80 PSI. #1 76 #2 79 #3 74 #4 78 #5 76 #6 76  I certify that this <u>Engine</u> has been inspected in accordance with an/a <u>Annual</u> inspection as per F.A.R. 43 app. D and was to the best of my knowledge determined to be in airworthy condition on this date <u>7-1</u> , 20 <u>03</u> All undocumented or unauthorized maintenance and/or log book entries will void airworthiness.  <u>DE</u> 14748052 (STA)
Brought Forward	→				
	Hobbs	3321.3			
10/16/03	Hobbs	3342.3			CHG'D OIL & FILTER 12 QTS AEROSHELL 100W R Zeneel
1/16/04	Hobbs	3344.0			Adjust LH idle mixture control AvTech
8-1-04			3419		SEE PERMANENT RECORDS FOR A.D. COMPLIANCE DATA. AIRCRAFT SERVICED PER APPLICABLE MANUFACTURER'S MAINTENANCE MANUALS.  CYLINDER COMPRESSION VALUES: STANDARD 80 PSI. #1 76 #2 75 #3 74 #4 78 #5 70 #6 73  I certify that this <u>Engine</u> has been inspected in accordance with an/a <u>Annual</u> inspection as per F.A.R. 43 app. D and was to the best of my knowledge determined to be in airworthy condition on this date <u>8-1</u> , 20 <u>04</u> All undocumented or unauthorized maintenance and/or log book entries will void airworthiness.  <u>DE</u> 74748052 (IAP)

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.	
02-20-05					SEE PERMANENT RECORDS FOR A.D. COMPLIANCE DATA. AIRCRAFT SERVICED PER APPLICABLE MANUFACTURER'S MAINTENANCE MANUALS.  CYLINDER COMPRESSION VALUES: STANDARD 80 PSI. #1 76 #2 79 #3 74 #4 78 #5 76 #6 76  I certify that this <u>Engine</u> has been inspected in accordance with an/a <u>Annual</u> inspection as per F.A.R. 43 app. D and was to the best of my knowledge determined to be in airworthy condition on this date <u>7-1</u> , 20 <u>03</u> All undocumented or unauthorized maintenance and/or log book entries will void airworthiness.  <u>DE</u> 14748052 (STA)
Brought Forward	→				
	Hobbs	3393	2-20-05		
	Hobbs	3478.0	4-1-05		CHG'D OIL & FILTER 12 QTS AEROSHELL 100W R Zeneel
	Hobbs	3530	8-12-05		CHG'D OIL & FILTER 10 QTS AEROSHELL 100W R Zeneel
10-14-05					COMPLETED 100HR/ANNUAL INSPECTION OF ENGINE THIS TIME & DATE. CHANGED OIL & FILTER USING 11 QTS. AEROSHELL 100 OIL & CHYB109-1 FILTER-OPENED & INSPECTED. REMOVED FILTER FOR METAL-NONE NOTED. PERFORMED ENGINE COMPRESSION TEST- READINGS ARE AS FOLLOWS: #1 77 #2 77 #3 76 #4 80 #5 80 #6 80. REMOVED & REPLACED #6 CYLINDER WITH FACTORY NEW ASSY. P/N-655-468AB, CYLINDER INSTALLED USING NEW PISTON, RINGS, GASKETS & SEALS. REPLACEMENT ACCOMPLISHED 1/A/W TCM 10-470 OVERHAUL MANUAL X30588A. CHECKED MAGNETO TIMING & FOUND -OK- @ 20° BTC. CLEANED & GAPPED ALL SPARK PLUGS. CLEANED MAIN & INLET FUEL SCREENS. INSTALLED NEW BAT605 INDUCTION AIR FILTER ELEMENT. INSPECTED ALL INDUCTION & EXHAUST SYSTEMS-REPLACED INBOARD EXHAUST TAIL PIPE SUPPORT CHANNEL UPPER ATTACHMENT ANGLE WITH NEW ANGLE P/N-96-950002-72. INSPECTED & LUBED ALL ENGINE CONTROLS. INSPECTED ALL ACCESSORIES & ASSOCIATED PLUMBING, WIRING & BRACKETRY-REPOSITIONED ALTERNATOR DRIVE BELT AS NEEDED. INSPECTED ALL SHOCK MOUNTS & ASSOCIATED HARDWARE. INSPECTED ALL FUEL, AIR & OIL LINES/HOSES FOR CONDITION & LEAKAGE.

(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 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 @ THIS TIME ← END		
			HOBBS/TSM 3527.2 DATE 10-14-05 ENGINE TSN-419.5 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>APY3808091A</u> <u>[Signature]</u> Pertinent details on file under repair order # 564		
04/15/06	HOBBS	3572.2	CHG'D OIL & FILTER 12 QTS AERO-SHELL 100W 12 QTS R. Jewel		
11-1-06	HOBBS	3629.7	COMPLETED 100HR/ANNUAL INSPECTION OF ENGINE THIS TIME & DATE. CHANGED OIL & FILTER USING 11 QTS. AEROSHELL W100P OIL & CH48109-1 FILTER - OPENED & INSPECTED REMOVED FILTER FOR METAL - NONE NOTED. OBTAINED & SUBMITTED OIL SAMPLE. PERFORMED ENGINE COMPRESSION TEST - READINGS ARE AS FOLLOWS: ① <sup>75</sup> 80 ② <sup>72</sup> 80 ③ <sup>79</sup> 80 ④ <sup>72</sup> 80 ⑤ <sup>72</sup> 80 ⑥ <sup>78</sup> 80		
	TSN	522.0	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. INSPECTED ALL SHOCK MOUNTS, TUBING, BRACKETS & ASSOCIATED HARDWARE. INSPECTED & LUBED ALL ENGINE CONTROLS. INSPECTED ALL FUEL, AIR & OIL LINES & HOSES FOR CONDITION & LEAKAGE. INSPECTED		

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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 BUFFLES & SEALS FOR CONDITION. INSPECTED ALL ACCESSORIES & ASSOCIATED PLUMBING, WIRING & BRACKETRY FOR CONDITION & SECURITY. RETENSIONED ALTERNATOR DRIVE BELT AS NEEDED. ALL APPLICABLE AIRWORTHINESS DIRECTIVES CHECKED & FOUND P/C/W TO DATE - PLEASE SEE AD NOTE COMPLIANCE SUMMARIES IN AIRCRAFT RECORDS. WASHED & RAN ENGINE & FOUND IT TO BE OPERATING PROPERLY WITH NO LEAKS AT THIS TIME ← END		
			HOBBS/TSM 3629.7 DATE 11-1-06 ENGINE TSN-522.0 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>APY3808091A</u> <u>[Signature]</u> Pertinent details on file under repair order # 821		
03/09/07	HOBBS	3660.8	CHG'D OIL & FILTERS 100W AERO - SHELL 12 QTS R. Jewel - Co-owner		
	HOBBS	3727.4	OWNER PERFORMED OIL CHANGE		
11-29-07			COMPLETED 100HR/ANNUAL INSPECTION THIS TIME & DATE. CHANGED OIL & FILTER USING 11 QTS. AEROSHELL W100P OIL & CH48109-1 FILTER - OPENED & INSPECTED REMOVED FILTER FOR METAL - NONE NOTED. OBTAINED & SUBMITTED OIL SAMPLE. PERFORMED ENGINE COMPRESSION TEST - READINGS ARE AS FOLLOWS: ① <sup>75</sup> 80 ② <sup>72</sup> 80 ③ <sup>79</sup> 80 ④ <sup>72</sup> 80 ⑤ <sup>72</sup> 80 ⑥ <sup>78</sup> 80		
12-3-07	HOBBS	3757.4	CHECKED MAGNETO TIMING, REPAIRED SPARK PLUGS & WIRE HARNESS. CLEANED ALL FUEL SCREENS. INSTALLED NEW BAT605 INDUCTION AIR FILTER ELEMENT. INSPECTED ALL INDUCTION & EXHAUST SYSTEMS - REPLACED THROTTLE BODY SUPPORT BRACKETS WITH NEW UNITS P/N'S - 634805 & 634807.		
	TSN	649.7			

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(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	→				
					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 - REMOVED & REPLACED ALTERNATOR WITH OVERHAULED UNIT 1/11-ALT-8520R, ALSO, REPLACED ADJUSTING ARM & ENGINE MOUNT/ALTERNATOR BRACKET WITH NEW UNITS 1/11'S RESPECTIVELY 632312 & 634673. ALL 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/TSMH 3757.4 DATE 12-3-07 ENGINE TSN-649.7 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 AP43889209 IA Pertinent details on file under repair order # 1106
10/11/09					
HOBBS	3835.4				CHG'D OIL & FILTER 12 Qts Aeroshell 100 W 48109 Champ Filter Round Fuel

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.	
2009 1-12					
Brought Forward	→				
HOBBS	3869.2				COMPLETED 100HR/ANNUAL INSPECTION OF ENGINE 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 ENGINE COMPRESSION TEST - READINGS ARE AS FOLLOWS: 1) 65 2) 74 3) 67 4) 67 5) 67 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, INSPECTED ALL SHOCK MOUNTS, BRACKETS & 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, BELT & BRACKETRY FOR CONDITION & SECURITY - RETENSIONED ALTERNATOR DRIVE BELT AS NEEDED, REMOVED PROPELLER 5/11-EB2530 FOR OVERHAUL & REINSTALLED, NOTE: HUB REPLACED AT THIS TIME WITH SERVICEABLE HUB 5/11-EB4326A - PLEASE SEE PROP LOG FOR DETAILS, ALL 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 -
					HOURS/TSMH 3869.2 DATE 1-12-09 ENGINE TSN-761.5 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 AP43889209 IA Pertinent details on file under repair order # 1346

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
2010 2-5					
Brought Forward →					
HOBBS	3914.0				COMPLETED 100HR/ANNUAL INSPECTION OF
TSN	806.3				ENGINE THIS TIME & DATE. CHANGED OIL
					& FILTER USING 11 QTS. AEROSHELL W100P
					OIL & CH48109-1 FILTER - OPENED & INSPECTED
					REMOVED FILTER FOR METAL - NONE NOTED,
					OBTAINED & SUBMITTED OIL SAMPLE, PER-
					-FORMED ENGINE COMPRESSION TEST -
					READINGS ARE AS FOLLOWS: (M.O. LOW = 48)
					1) 70 2) 60 3) 68 4) 63 5) 76 6) 69. 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 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 ALL
					ACCESSORIES & ASSOCIATED PLUMBING, WIRING
					& BRACKETRY FOR CONDITION & SECURITY -
					REPLACED ALTERNATOR DRIVE BELT WITH
					NEW BELT P/N-539547-31.19, AD2009-19-07
					1/2 BY ENGINE % & NO CYLINDER REPLACEMENT
					DURING SUBJECT PERIOD, AD2009-24-52
					1/2 BY DATE OF MFG & NO LIFTER REPLACEMENT
					DURING SUBJECT PERIOD, ALL OTHER APPLI-
					-CABLE 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/TSN 3914.0 DATE 2-5-10  
 ENGINE TSN-806.3 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: APL3882001EA  
 Pertinent details on file under repair order  
 # 1668

Date	Total Time	
	Hrs.	Min.
3-1-11		
Brought Forward →		
HOBBS	3974.2	
TSN	866.5	

FOR PHT  
*Deanna E. Pender*  
 I HEREBY CERTIFY THAT THE ABOVE PARTS, INCLUDING ALL WAIT AND PACKED IN CONFORMANCE WITH ALL OF THE REQUIREMENTS OF SPECIFICATIONS & STANDARDS. RECORDS OF TESTS, INSPECTION ARE ON FILE AT PRECISION HOSE TECH AND ARE AVAILABLE FOR (A) THE ISO D PARTS AND/OR MATERIALS REFLECTED HEREIN WE APPROVED MANUFACTURING AND QUALITY CONTROL SYSTEMS/METHODS IN CONFORMANCE WITH THE ISO APPROVAL. IF APPLICABLE, SATISFACTION IS REQUIRED FOR ISO APPROVAL. IT IS THE RESPONSIBILITY OF THE PURCHASER AND THAT IT WILL NOT CAUSE THE HOSE ASSEMBLY FOR WHICH IT HAS BEEN APPROVED.

20° BTC. CLEANED MAIN & INLET FUEL SCREENS,  
 CLEANED, GAPPED & TESTED ALL SPARK PLUGS,  
 INSTALLED NEW BA7605 INDUCTION AIR  
 FILTER ELEMENT. INSPECTED INDUCTION &  
 EXHAUST SYSTEMS. INSPECTED SHOCK MOUNTS,  
 BRACKETS & ASSOCIATED HARDWARE. INSPECTED  
 & LUBED ENGINE CONTROLS. INSPECTED ALL  
 FUEL, AIR & OIL LINES & HOSES FOR CONDITION  
 & SECURITY - REPLACED FIREWALL TO FUEL  
 PUMP FUEL SUPPLY & REMOTE OIL FILTER HOSES  
 WITH NEW TYPE "J" HOSES - PLEASE SEE  
 MANUFACTURING AUTHORIZATIONS THIS ENTRY.  
 INSPECTED BAFFLES & SEALS FOR CONDITION  
 & SECURITY. INSPECTED ALL ACCESSORIES &  
 ASSOCIATED PLUMBING, WIRING, BELT &  
 BRACKETRY FOR CONDITION & SECURITY.  
 AD2010-11-04 1/2 BY DATE OF MFG & NO LIFTER  
 REPLACEMENT DURING SUBJECT PERIOD. ALL OTHER  
 APPLICABLE AIRWORTHINESS DIRECTIVES CHECKED  
 & FOUND P/C/W TO DATE - PLEASE SEE AD NOTE COM-  
 PLIANCE SUMMARY IN HOBBS/TSN 3974.2 DATE 3-1-11  
 ENGINE TSN-866.5 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: APL3882001EA  
 Pertinent details on file under repair order  
 # 1871

PHT INC 918-835-3660 800-331-5946  
 2702-D N SHERIDAN Rd - TULSA  
 NAME: AVTECH, INC  
 104 INDUSTRIAL PARK LOOP  
 LA 70510  
 1 124J001-8CR0161  
 2 124J001-8CR0231  
 3 124J001-8CR0184  
 MS28741





Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> 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

**Left Engine Maintenance Log Entry**

Reg: N458BA S/N: 468613 Nov 18, 2013 Hobbs: 4116.4 TSN: 1008.7

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 73/80, #3 73/80, #4 74/80, #5 75/80, #6 71/80. 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, #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 oil temperature sender crush gasket with new, P/N: MS35769-11. Removed, cleaned and reinstalled fuel injectors. Removed and replaced oil cooler base plate gasket with new, P/N: 649964. 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*  
Charles L. Hammonds II AP: Pending

*See Total Time*  
certify that this aircraft engine has been inspected in accordance with an annual inspection and approved to be in airworthy condition.  
*Michael Watson*  
A.P. 438929507 I.A.



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

**LEFT ENGINE LOG ENTRY**

N458BA HOBBS: 4139.8 TSRB: 1032.1 DATE: 12-19-14  
TCM IO-470-L  
S/N - 468613

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)64, 2)62, 3)65, 4)63, 5)66, 6)70. 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  
AP3556511A

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward →					

Date	8/24/15	HAMMONDS AIRCRAFT MAINTENANCE	HOBBS	4181.5
Registration #	N458BA	200 AVIATION RD	TSN	1013.8
Serial #	F481	HOUMA, LA 70363		
		(985)688-1520		

**LEFT 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. Hammonds* A.P. 3725107 CHARLES L. HAMMONDS, II 3725107 A.P.

Date	1/8/16	HAMMONDS AIRCRAFT MAINTENANCE	HOBBS	4194.2
Registration #	N458BA	200 AVIATION RD	TSN	1006.5
Serial #	468613	HOUMA, LA 70363	MODEL	TCM-470-L
		(985)688-1520		

**LEFT ENGINE LOG ENTRY**

COMPLETED ANNUAL INSPECTION THIS TIME AND DATE. DRAINED OIL AND SERVICED WITH 11QTS AEROSHELL 100 OIL. REMOVED AND CUT OPEN FILTER NO METAL. INSTALLED TORQUED AND SAFTIED NEW CH48109-1 FILTER. PERFORMED COMPRESSION CHECK. #1 65/80, #2 62/80, #3 65/80, #4 64/80, #5 67/80, #6 69/80. REMOVED, CLEANED, TESTED SPARK PLUGS. REMOVED BOTH MAGS INSPECTED IMPULSE COUPLINGS. INTERNALLY TIMED. INSTALLED BOTH MAGS AND SET AT 20 B.T.D.C. INSTALLED AND TORQUED SPARK PLUGS. CLEANED MAIN AND INLET FUEL SCREENS. REMOVED FUEL NOZZLES CLEANED INSPECTED INSTALLED IN SAME POSITIONS. SEE AD 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. Hammonds* 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	2/1/17	HAMMONDS AIRCRAFT MAINTENANCE	ETSN	1109.0
Registration #	N458BA	200 AVIATION RD	Hobbs	4216.3
Eng Serial #	468613	HOUMA, LA 70363	Model	TCM-IO-470-L
		(985)688-1520		

**LEFT 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 71/80, #2 65/80, #3 69/80, #4 67/80, #5 71/80, #6 70/80. 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. WASHED ENGINE. LUBED CONTROLS. 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. Hammonds* 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	Date	4/1/18	HAMMONDS AIRCRAFT MAINTENANCE 200 AVIATION RD HOUMA, LA 70363 (985)688-1520	Hobbs:	4243.6
	Registration #	N458BA		TTSN:	1136.3
	Serial #	468613			
	Model:	IO-470-L			

Brought Forward

LEFT 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 71/80, #2 66/80, #3 70/80, #4 67/80, #5 70/80, #6 69/80. 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. Hammonds* 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 200 AVIATION RD HOUMA, LA 70363 (985)688-1520	Hobbs:	4280.8
Registration #	N458BA		TTSN:	1173.5
Eng Serial #	468613			

LH ENGINE LOG ENTRY

PERFORMED 100 HOUR/ANNUAL INSPECTION OF ENGINE. DRAINED OIL. SERVICED WITH 11 QUARTS AEROSHELL 100- ENGINE OIL. REMOVED AND CUT OPEN FILTER. NO METAL. INSTALLED, TORQUED AND SAFTIED NEW CH48109-1 FILTER. COMPRESSIONS MASTER ORFICE #1 58/80, #2 50/80, #3 60/80 #4 68/80, #5 64/80, #6 68/80. 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. TENSIONED ALTERNATOR BELT. CHECKED IDLE MIXTURE. SET IDLE. TIGHTENED VALVE COVER SCREWS. WASHED ENGINE. TEST RUN AND LEAK CHECK GOOD. I CERTIFY THAT THIS ENGINE WAS INSPECTED I.A.W. AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. APPROVED R.T.S.

*Charles L. Hammonds* 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 LE Hobbs 4313.8 TSOH 1206.5  
 Drains oil & services with 12 QTs Aeroshell  
 100 oil. Removed and cut oil filter open.  
 No metal found. Installed, torqued & saftied  
 new CH48109-1 filter  
*Michael Watson* (985)688-1520

08-Jul-20 N458BA Ser #468613 TACH: 4315.5 TSOH: 1206.9 LFT ENG

Completed annual inspection this date. Performed compression test- Readings are as follow:(M.O. Low = 40) #1-52 #2-59 #3-68 #4-64 #5-64 #6-64. 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. 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.

Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward

Make:	Continental		Reg No.:	N458BA
Model:	IO-470-L21B		Date:	6/3/2022
Serial No.:	468613		W/O No.:	1780
AFTT:	4315.8		LEFT ENGINE MAINTENANCE ENTRY	Hobbs:
		TSNEW:	1208.1	

Description of Work Accomplished.

Work Completed:

- \* Completed Hot Compression Check as follows: #1= 62/80, #2= 60/80, #3= 66/80, #4= 64/80, #5= 60/80, #6= 60/80
- \* Completed Oil & Filter Change. Serviced engine with Phillips X/C 20W50 and New Tempest AA48109 Filter.
- \* Replaced LH Magneto with Overhauled Magento P/N: BL-349350-4 S/N: F21IA052R. Timed per MM.
- \* Replaced RH Magneto with Overhauled Magento P/N: BL-349350-5 S/N: F21HA171R. Timed per MM.
- \* 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.
- \* Replaced #5 Cylinder Exhaust gasket with new.
- \* Corrected minor oil leaks as needed throughout engine.

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* 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	 <b>HANCOCK AVIATION</b> <small>SALES   SERVICE</small>	Reg No.:	N458BA
Model:	IO-470-L21B		Date:	8/16/2022
Serial No.:	468613		W/O No.:	1843
AFTT:	4343.6	LEFT ENGINE MAINTENANCE ENTRY	Hobbs:	4343.6
		TSNEW:	1235.9	

rd  
ons,

**Description of Work Accomplished.**

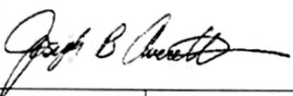
**Work Completed:**

\*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	 <b>HANCOCK AVIATION</b> <small>SALES   SERVICE</small>	Reg No.:	N458BA
Model:	IO-470-L21B		Date:	3/17/2023
Serial No.:	468613		W/O No.:	2016
AFTT:	4390.5	LEFT ENGINE MAINTENANCE ENTRY	Hobbs:	4390.5
		TSNEW:	1282.8	

**Description of Work Accomplished.**

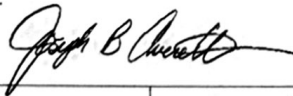
**Work Completed:**

\*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

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Baton Rouge, LA 70807

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Web: www.hancockaviation.com

Make:	Continental	 <b>HANCOCK AVIATION</b> <small>SALES   SERVICE</small>	Reg No.:	N458BA
Model:	IO-470-L21B		Date:	7/14/2023
Serial No.:	468613		W/O No.:	2135
AFTT:	4421.0	LEFT ENGINE MAINTENANCE ENTRY	Hobbs:	4421.0
		TSNEW:	1313.3	

**Description of Work Accomplished.**

**Work Completed:**

- \* Removed # 1 Cylinder due to low compression. Installed new Superior Cylinder P/N: SA47006L-A20P S/N: 476L000004675 using new Piston Pin P/N: 539467 and all new gaskets
- \* Completed Hot Compression Check as follows: #1= 78/80, #2= 68/80, #3= 70/80, #4= 70/80, #5= 72/80, #6= 68/80
- \* 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.
- \* Replaced all Push Rods with new P/N: 537296 using new Springs P/N: 626147, Washers P/N: 534609, & Packing P/N: 534610

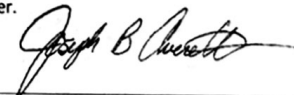
**Inspections Completed:**

- \* 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.

Authorized Signature



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