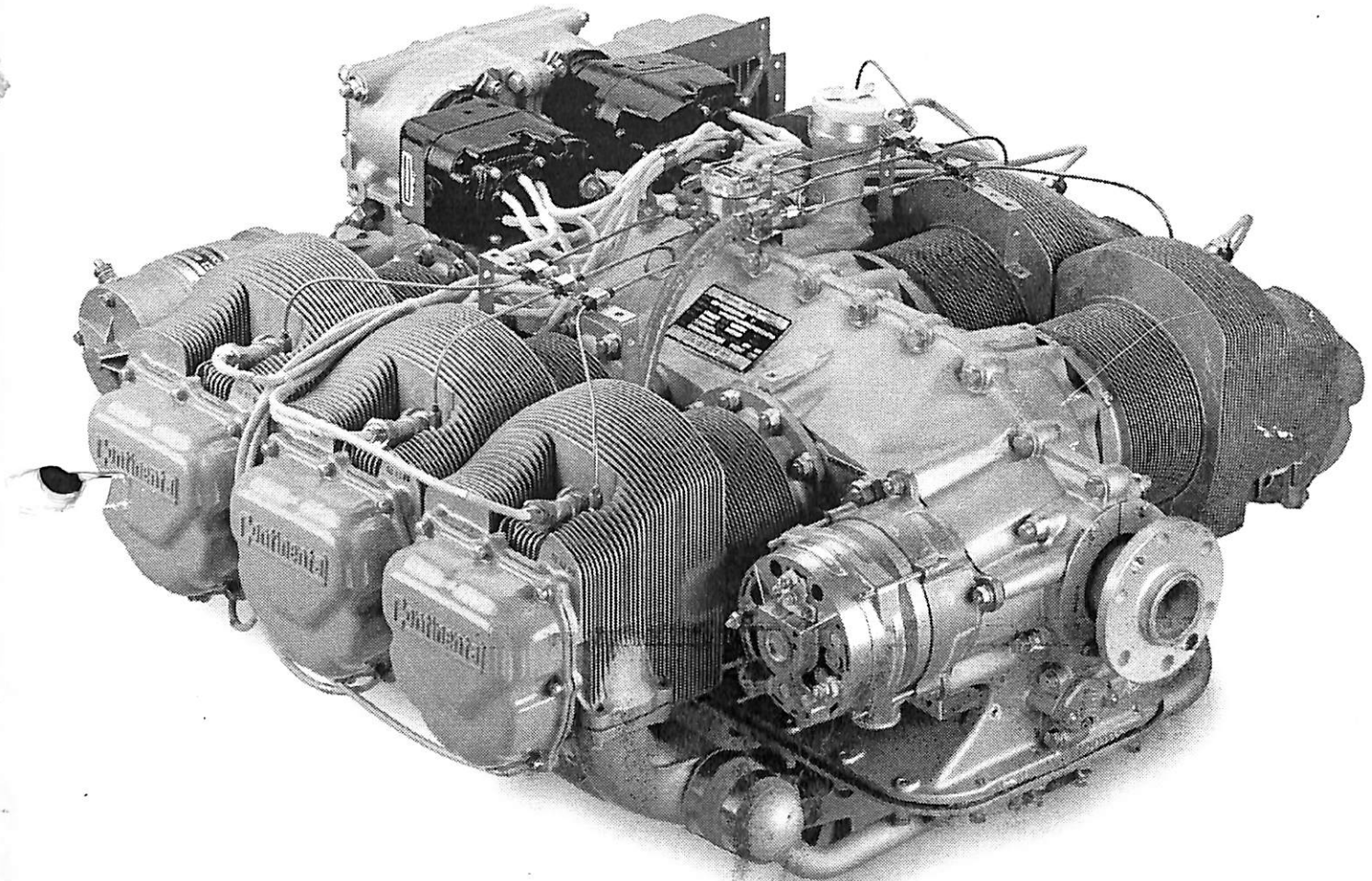


N 3304 R

ENGINE LOG BOOK



Teledyne Continental Motors, Inc.

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 →					
Date: 7-24-2017. Tach: 3984. Time since overhaul: 550 Engine inspected in accordance with an annual inspection checklist as per CFR14 43 appendix D. Oil drained, filter cut open, and no metal noted. Oil supply refilled with 9 quarts Aeroshell W100. New oil filter part number 48110-2 installed. Spark plugs cleaned, gapped then rotated. Cylinder leak check results as follows: #1: 72/80 #2: 65/80 #3: 68/80 #4: 75/80 #5: 70/80 #6: 78/80. Magneto sync confirmed. Installed 2 new cylinder head temp probes, part number 2852, in number 1 and number 3 cylinder heads (see release certificate forms). Complied with AD 96-12-22 by visual inspection. See accessory and engine AD compliance report for more detailed information. Engine test run and no leaks noted. I certify this engine has been inspected in accordance with an annual inspection and was found to be in airworthy condition. Mark Finley AP3593302IA <i>Mark Finley</i>					
Date: 1-17-2018. Tach: 4012.5 Removed existing magnetos and replaced with Kelly Aerospace 6310 overhauled units. Serial number F-10208 installed in left hand position and serial number F-07071 in right hand position (see 8130 forms dated Jul 12, 2017 and Nov 07, 2017). Magneto to engine sync set to 22° BTC. Removed existing ignition wires and replaced with new Kelley Aerospace Harness Assembly part number KA1238. Spark plugs cleaned, gapped then rotated. Removed valve springs in number one cylinder exhaust valve and confirmed valve freedom of movement. Removed existing carburetor and installed overhauled Marvel-Schebler carburetor part number 10-4893 serial number MSE05702 (see 8130 form dated Apr 27, 2017). Engine test run and all engine parameters found to be satisfactory and no leaks noted. Mark Finley AP3583302 <i>Mark Finley</i>					
Date: 3-1-2018. Tach: 4034 Drained engine oil, removed existing oil filter, cut filter open and no excess metal noted. Refilled engine oil supply with 9 quarts Phillips 20W50. Magneto sync confirmed. Cylinder leak check performed and was found to be satisfactory. Engine test run and all engine parameters found to be satisfactory and no leaks noted. Mark Finley AP3593302 <i>Mark Finley</i>					
Date: 08-01-2018. Tach: 4059. Engine time since overhaul: 625 Engine inspected in accordance with an annual inspection checklist as per CFR14 43 appendix D. Spark plugs cleaned, gap checked, then rotated. Cylinder leak check results are as follows: #1: 75/80 #2: 68/80 #3: 70/80 #4: 70/80 #5: 74/80 #6: 72/80. Cleaned carburetor inlet screen. Magneto sync confirmed. Exhaust pressure tested and no leaks noted. Complied with AD 96-12-22 by visual inspection. For information pertinent to work performed for AD compliance see AD compliance report dated 08-01-2018. Engine test run and all engine parameters found to be satisfactory and no leaks noted. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Mark Finley AP3593302IA <i>Mark Finley</i>					

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 →					
Date: June 10, 2019. Tach: 4078.4 Oil drained, filter removed then cut open and no excess metal noted. Installed new oil filter part number 48110-2. Serviced engine with 9 quarts Phillips 20W50. Engine test run and all parameters found to be satisfactory and no leaks noted. Mark Finley AP3593302 <i>Mark Finley</i>					
Date: September 9, 2019. Tach: 4082. Engine time since overhaul: 647 Engine inspected in accordance with an annual inspection checklist using CFR14 43 appendix D as a guide. - Oil change not due at this time. Oil change due 4129. - Performed cylinder leak check performed and results are as follows: #1: 70/80 #2: 70/80 #3: 76/80 #4: 76/80 #5: 68/80 #6: 74/80. - Magneto to engine sync confirmed. Spark plugs cleaned gapped then rotated. - Exhaust pressure tested and no leaks noted. - Complied with AD 96-12-22 by visual inspection or torque putty. No defects noted. Next due 100 hours. - Engine test run and all parameters found to be satisfactory, and no leaks noted. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Mark Finley AP3593302IA <i>Mark Finley</i>					
Date: September 4, 2020. Tach: 4101. Engine time since overhaul: 667 Engine inspected in accordance with an annual inspection checklist using CFR14 43 appendix D as a guide. - Oil drained, filter removed then cut open and no excess metal noted. Serviced engine with 9 quarts Phillips 20W50. Installed new oil filter part number 48110-2. - Cylinder leak check performed and results are as follows: #1: 68/80 #2: 70/80 #3: 72/80 #4: 75/80 #5: 68/80 #6: 70/80. Cylinder borescope inspection reveals no defects. - Spark plugs cleaned, gapped then rotated. Magneto sync to engine confirmed. - Complied with AD 96-12-22 by visual inspection or torque putty. Putty found to be intact. Next inspection due: at filter change. - Engine test run and all parameters found to be satisfactory and no leaks noted. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Mark Finley AP3593302IA <i>Mark Finley</i>					
Date: November 4, 2021. Tach: 4115. Engine time since overhaul: 681 Engine inspected in accordance with an annual inspection checklist using CFR14 43 Appendix D as a guide. - Oil drained, filter removed then cut open and no excess metal noted. Serviced engine with 9 quarts Phillips 20W50. Installed new oil filter part number 48110-2. Lubricated engine controls. - Cylinder leak check performed and results are as follows: #1: 68/80 #2: 72/80 #3: 72/80 #4: 74/80 #5: 72/80 #6: 78/80. Cylinder borescope inspection performed and no defects noted. - Spark plugs cleaned, gapped, then rotated. Magneto to engine sync confirmed. - Exhaust pressure tested and no leaks noted. - Engine exterior treated with ACF-50. Next treatment due: 2023 - Installed new intake filter part number BA-8103. - Complied with AD 96-12-22 by confirming nut torque of 55ft/lbs. Nut safetied. Next torque check due: anytime filter is removed or 100 hours. - Engine test run and all parameters found to be satisfactory and no leaks noted. I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Mark Finley AP3593302IA <i>Mark Finley</i>					

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 →					
Date: 7-19-2016. Tach: 3973. Time since overhaul: 538					
Engine inspected in accordance with a 100 hour inspection as per CFR14 43 appendix D. Drained oil, removed filter, cut filter open and no metal noted. Cylinder leak check results as follows: #1: 78/80 #2: 76/80 #3: 72/80 #4: 78/80 #5: 74/80 #6 70/80. Magneto sync confirmed. Spark plugs cleaned, gapped, then rotated. Inspected exhaust for cracks. Lubricated engine controls. Installed new oil filter part number 48110-2. Confirmed filter torque putty in accordance with AD 96-12-22. Refilled oil supply with 10 quarts Phillips 20w50. Adjusted alternator belt tension and safetied. AD 2010-11-04 found not applicable due to hydraulic lifters being installed before 2009. AD 2007-04-19R1 found not applicable due to cylinders manufactured before 2005. AD 2009-19-07 found not applicable due to EQ3 cylinders not being installed. AD's researched and none found due at this time. Engine test run and no leaks noted					
I certify this engine has been inspected in accordance with a 100 hour inspection and was found airworthy at this time.					
Mark Finley AP3593302 Mark Finley					
7-19-16	3973.0	Annual inspection: see above for details.			
Tach Time <u>3973.0</u> Total Time _____					
100/Annual Inspection is completed this time and date. I certify this <u>Engine</u> has been inspected per <u>Annual</u> requirements and is found to be in airworthy condition.					
Phil G. Torbett A&P16492581A					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins																																																																								
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Brought Forward →																																																																													
Date: 5-17-2017																																																																													
Removed number 2 cylinder due to excessive leak associated with exhaust valve. Removed spalled exhaust cam follower assembly from number 1 cylinder. Cylinder sent to Harrison Engine Service for repair (see 8130 form dated 5-5-17). Number one cylinder exhaust cam lobe inspected in accordance with Continental service bulletin SID05-1B and lobe found to be in satisfactory condition. Other existing cam followers removed and condition was found satisfactory. Installed new exhaust cam follower part number SA646277. Installed number 2 cylinder using new piston rings part number SA4000-SC2 and new gaskets. Cylinder base nuts torqued in accordance with Continental service bulletin SB96-7C. Installed new pushrod, intake and exhaust gaskets. Installed 12 new spark plugs part number UHREM-40E. Refilled engine oil supply with 9 quarts Aeroshell 100 mineral oil. Installed new oil filter part number 48110-02. Repaired exhaust shield right side engine mount. Engine test run and no leaks noted.																																																																													
Mark Finley AP3593302 Mark Finley																																																																													
<table><tr><td colspan="2">1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES</td><td colspan="2">2. AUTHORIZED RELEASE CERTIFICATE FFA FORM 8130-3, AIRWORTHINESS APPROVAL TAG</td><td colspan="2">3. Form Tracking Number:</td></tr><tr><td colspan="4">4. Organization Name and Address: Harrison Engine Service, Inc. 301 Detroit St., La Porte, IN 46350</td><td colspan="2">5. Work Order/Contract/Invoice Number: 12978</td></tr><tr><td>6. Item:</td><td>7. Description:</td><td>8. Part Number:</td><td>9. Quantity:</td><td>10. Serial Number:</td><td>11. Status/Work:</td></tr><tr><td>Oil</td><td>Cont</td><td>655467</td><td>1</td><td>—</td><td>Overhaul</td></tr><tr><td colspan="6">12. Remarks: Inspect Hone Overhaul Complete SAMS 85-9</td></tr><tr><td colspan="3">13a. Certifies the items identified above were manufactured in conformity to:</td><td colspan="3">14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12</td></tr><tr><td colspan="3">☐ Approved design data and are in condition for safe operation.</td><td colspan="3">Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.</td></tr><tr><td colspan="3">☐ Non-Approved design data specified in Block 12</td><td colspan="3"></td></tr><tr><td colspan="2">13b. Authorized Signature:</td><td>13c. Approval/Authorization No.:</td><td colspan="2">14b. Authorized Signature:</td><td>14c. Approved Certificate No.:</td></tr><tr><td colspan="2"></td><td></td><td colspan="2">Mark Harrison</td><td>LR2R988K</td></tr><tr><td colspan="2">13d. Name (Typed or Printed):</td><td>13e. Date (dd/mm/yyyy):</td><td colspan="2">14d. Name (Typed or Printed):</td><td>14e. Date (dd/mm/yyyy):</td></tr><tr><td colspan="2"></td><td></td><td colspan="2">MARK HARRISON</td><td>5-5-17</td></tr></table>						1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FFA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number:		4. Organization Name and Address: Harrison Engine Service, Inc. 301 Detroit St., La Porte, IN 46350				5. Work Order/Contract/Invoice Number: 12978		6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	Oil	Cont	655467	1	—	Overhaul	12. Remarks: Inspect Hone Overhaul Complete SAMS 85-9						13a. Certifies the items identified above were manufactured in conformity to:			14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12			☐ Approved design data and are in condition for safe operation.			Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			☐ Non-Approved design data specified in Block 12						13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature:		14c. Approved Certificate No.:				Mark Harrison		LR2R988K	13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):				MARK HARRISON		5-5-17
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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.	
9/20/12			3538	4	Annual inspection completed. Compression ck is 1 ⁷⁹ / ₈₀ 2 ⁷⁹ / ₈₀ 3 ⁷⁹ / ₈₀ 4 ⁷⁹ / ₈₀ 5 ⁷⁹ / ₈₀ 6 ⁷⁹ / ₈₀ . Mag ck sync good. Oil & Filter chang NOT Due at this time. No AD's Due at this time. Run & Test flight good. Tach Time 3538.4 Total Time _____ 100% Annual Inspection is completed this time and date. I certify this <u>ENGINE</u> has been inspected per <u>Annual ck list</u> requirements and is found to be in airworthy condition. <u>Phil G. Torbett</u> Phil G. Torbett A&P16492581A
5-10-13			3647	8	Annual inspection complied with changed oil & filter refilled with 15W50 Aeroshell. Compression checks is 1 ⁷⁹ / ₈₀ 2 ⁷⁹ / ₈₀ 3 ⁷⁹ / ₈₀ 4 ⁷⁹ / ₈₀ 5 ⁷⁹ / ₈₀ 6 ⁷⁹ / ₈₀ Magnetos/Time/sync good. New Air Filter Complied with AD 96-12-22 oil filter Torque ck good no leaks. Run up ck good. Tach Time 3647.8 Total Time 3647.8 100% Annual Inspection is completed this time and date. I certify this <u>ENGINE</u> has been inspected per <u>Annual ck list</u> requirements and is found to be in airworthy condition. <u>Phil G. Torbett</u> Phil G. Torbett A&P16492581A
5-22-14			3739	9	Annual inspection completed this date Compression ck is 1-79 2-72 3-79 4-79 5-79 6-79 over 80psi. Change oil and filter refilled with 15W50 Aeroshell. Replaced all spark plugs with new RHB 40E. Magnetos Time/sync ck good. Removed muffler welded and reinstalled. AD 96-12-22 oil filter adapter ck good Torque per AD. Run up ck good. Tach Time 3739.9 Total Time _____ 100% Annual Inspection is completed this time and date. I certify this <u>ENGINE</u> has been inspected per <u>Annual ck list</u> requirements and is found to be in airworthy condition. <u>Phil G. Torbett</u> Phil G. Torbett A&P16492581A

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.	
12/1/2014			3789		Removed oil filter, cut open, no metal found. Replaced filter with AA48100-2. Drained oil and replaced with 10 qts of Aeroshell 15W50. Aircraft test flown and no leaks noted. Mark F. <u>AP3593302</u> Mark
4/24/2015			3803		Removed oil filter, opened filter no metal found. Replaced filter with Tempest 48100-2. Drained oil and replaced with 10 qts Aeroshell 15W50. Aircraft test flown and no leaks noted. Mark F. <u>AP3593302</u> Mark
6-23-2015			3823.6		Annual inspection completed. This time and date. Compression ck: 1 ⁷⁹ / ₈₀ 2 ⁷⁹ / ₈₀ 3 ⁷⁹ / ₈₀ 4 ⁷⁹ / ₈₀ 5 ⁷⁹ / ₈₀ 6 ⁷⁹ / ₈₀ . Magnetos/Time/sync good. Oil change & filter NOT Due. Tach Time 3823.6 Total Time _____ 100% Annual Inspection is completed this time and date. I certify this <u>ENGINE</u> has been inspected per <u>Annual ck list</u> requirements and is found to be in airworthy condition. <u>Phil G. Torbett</u> Phil G. Torbett A&P16492581A
8/12/2015			3878		Removed oil filter, cut filter open and no metal noted. Replaced filter with Tempest 48100-2. Drained oil and replaced with 10 qts Aeroshell 15W50. Engine test run and no leaks noted. Mark F. <u>AP3593302</u> Mark

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.	
12-09-08					
Brought Forward	→		3522.0		Annual inspection is completed with this date & time per Cessna & Continental 5.1. Mag time ok good, spark plugs good. Compression ok is 1 7/8 2 7/8 3 7/8 4 7/8 5 7/8 6 7/8 over 90 psi "Hot". No oil or filter chg. Run up ok good no leaks.
SB SEB07-11 completed with - no stain screws Tight & satisfied. Phil G. Torbett A&P16492581A					
					Tach Time 3522.0 Total Time
					100/Annual Inspection is completed this time and date. I certify this engine has been inspected per Annual checklist requirements and is found to be in airworthy condition.
					Phil G. Torbett A&P16492581A
3 06 09			3533.0		Annual Inspection: Compression check is 1 7/8 2 7/8 3 7/8 4 7/8 5 7/8 6 7/8. Change oil and filter refilled with 15W50. Herdshell. CK mag sync good. CK carburetor for stain 07-11 precision good no leaks. Remove all spark plugs clean gap and rotate. Run up ok good.
					Tach Time 3533.0 Total Time
					100/Annual Inspection is completed this time and date. I certify this engine has been inspected per Annual checklist requirements and is found to be in airworthy condition.
					Phil G. Torbett A&P16492581A

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.	
2010					
Brought Forward	→				Annual inspection completed per Cessna & Continental. Compression ok is 1 7/8 2 7/8 3 7/8 4 7/8 5 7/8 6 7/8. HOT. Change oil & filter refilled with 15W50 Herdshell. CK mag time/sync ok. Inspected exhaust system, engine mount, and accessories ok. Run up ok good no leaks.
4-1		3536.2			
					Tach Time 3536.2 Total Time 3536.2
					100/Annual Inspection is completed this time and date. I certify this aircraft has been inspected per Annual checklist requirements and is found to be in airworthy condition.
					Phil G. Torbett A&P16492581A
2011-May 1st		3537.3			Annual inspection completed with per Cessna & Continental procedure & checklist. Change oil & filter & refilled with 15W50 Herdshell. Compression ok is 7/8 and better (Hot). CK mag/time sync ok. Run up ok good no leaks. AD 10 11 04 Hydraulic listers NA per dates listed in AD.
					Tach Time 3537.3 Total Time
					100/Annual Inspection is completed this time and date. I certify this engine has been inspected per Annual checklist requirements and is found to be in airworthy condition.
					Phil G. Torbett A&P16492581A
2012 May 2		3537.3			Annual inspection completed per Cessna/Continental. Compression ok is 1 7/8 2 7/8 3 7/8 4 7/8 5 7/8 6 7/8. Mag time/sync ok good. Spark plugs ok. Since REMAN 102.6
					Tach Time 3537.3 Total Time 3537.3
					100/Annual Inspection is completed this time and date. I certify this engine has been inspected per Annual checklist requirements and is found to be in airworthy condition.
					Phil G. Torbett A&P16492581A

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					
08/25/03					Installed prop-guard as per installation instructions P/N FP1001/C\$1002. The installation was made in accordance with the S.T.C # SP00582 NY.
TACH 3483.4					R. CL 13 A & P # 408822001
Date: 07-02-2004 Tach: 3491.8 -Performed compression check on all cylinders #1 74/80 #2 71/80 #3 74/80 #4 73/80 #5 72/80 #6 73/80 -Replaced oil filter with new CH48110. Torqued to 200 in/lbs and safetied. -Serviced with 12 qts Aeroshell 15W50. -Removed, inspected, cleaned, and reinstalled spark plugs. Torqued to 360 in/lbs. -Removed, inspected, cleaned, reinstalled, and safetied carburetor fuel inlet screen. -Adjusted alternator belt tension and safetied. -Complied with AD 96-12-22 by inspecting torque puddy on oil filter adapter locking nuts. -Completed ground test run. Found no leaks and all systems operating normally. I certify that this engine has been inspected in accordance with a 100 hr inspection and is found to be in airworthy condition. Reinhold E. Schmitt A&P 339907184 I certify that this engine has been inspected in accordance with an annual inspection and is found to be in airworthy condition. Jonathan P. 113580379 IA					
09-15-2004	3494.0				- Replaced CHT probe on #6 cylinder with new Insight Instruments probe p/n 2852. - Replaced mixture control with new McFarlane p/n MC600-72 (Lot 12007). Complies with McFarlane SB-4 Reinhold E. Schmitt A&P 339907184

Bachman Airworks 150 Airport Rd. Elizabethton, TN 37643 N3304R, O470R41 s/n 822249-R September 3, 2005 Tach 3503.9, TT 064.0		Maintenance Record ness Directives, Special Inspections,
Performed an annual inspection and the following items in accordance with an annual/100hr inspection form and the manufacturer's service manuals: -Compression check: 1-71/80, 2- 73/80, 3-76/80, 4-76/80, 5-74/80, 6-76/80. -Drained oil, removed oil filter and inspected interior. -Installed new oil filter p/n CH48110-1. -Serviced engine with 12 qts Aeroshell 15W50. -Installed material from Prop Guard p/n FP1001 on one prop blade where torn per installation instructions. -Installed fabricated spacer of gasket material traced and cut by pattern for p/n 0752620-1. -Found AD 91-15-04 to be in compliance at overhaul. -All AD's are in compliance to date. -Ground tested satisfactorily. I certify that this engine and propeller were inspected in accordance with an annual inspection and determined to be in airworthy condition. Neal Bachman IA 164464843		
Tach 3521.0 Annual inspection completed this time and date. changed oil and filter refilled with 15W50 Aeroshell. Mag Time ok good. Compression ok is 7 1/2 psi and better. Clean engine + compartment. Run up ok good no leaks. CW AD 96-12-22 by insp Puddy ok no leaks. Tach Time 3521.0 Total Time 100/Annual Inspection is completed this time and date. I certify this ENGINE has been inspected per ANNUAL requirements and is found to be in airworthy condition. Phil G. Torbett A&P16492581A		

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.

0-470-R41



This engine model 0470R41, serial no. 822249-R was rebuilt/zero timed on 12/01/2002 by Teledyne Continental Motors, Inc. 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 incorporates the Service Bulletins and Airworthiness Directives listed in Appendix 1.

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

TELEDYNE CONTINENTAL MOTORS, INC.
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.	
Bachman Airworks 150 Airport Rd. Elizabethton, TN 37643 Date: 2-3-03, Tach. 3439.9 TSMO 00.0 -Installed this engine, Continental rebuilt/zero timed O470R41, s/n 822249R, date of manufacture 12/02/02 on N3304R, s/n 18258604. -Installed overhauled alternator: Electrosystems WO M101140, p/n DOFF10300J, s/n C113048. -Installed fabricated oil pressure hose of p/n 111-4. -Installed new oil filter CH48110 and safetied. -Reinstalled original vacuum pump. -Installed all new spark plugs p/n RHM40E. -Reinstalled original exhaust system and carburetor heat box. -Installed Carburetor MA4-5, s/n BD0882. -Serviced with 12 quarts of 80W Aeroshell mineral oil. -Reinstalled original prop (torqued nuts to 600 in/lbs.) and spinner. -Installed new fuel hoses: p/n's 111514E0060D180, 111417-8D-0060, and 111417-8D-0160. -All work completed using the data provided by the manufacture's service manuals and bulletins. -Completed ground test run. Found no leaks and all systems operating normally. Neal A. Bachman, A&P164464843					
Date: 06-16-2003 Tach: 3454.4 Performed compression check on all cylinders #1 75/80 #2 74/80 #3 74/80 #4 74/80 #5 75/80 #6 75/80 Replaced oil filter with new CH48110 and safetied. Replaced O-rings on fuel strainer with new p/n MS29513-138 and MS29513-111. Reinstalled fuel strainer and safetied. Removed, inspected, cleaned, and reinstalled spark plugs. Torqued to 360 in/lbs. Completed ground test run. Found no leaks and all systems operating normally. Adjusted idle mixture and idle rpm I certify that this engine has been inspected in accordance with a 100 hr inspection and is found to be in airworthy condition. <i>Erinhard E. Schmidt</i> 339907184 A+P I certify that this engine has been inspected in accordance with an annual inspection and is found to be in airworthy condition. <i>Jonette Adel</i> 113580379 IA					
7-21-03	- Date				
3465.9	Tach				
- Changed oil, removed old filter, inspected, installed new filter p/n CH48110 and serviced with 12 quarts 15W50 oil. - Completed with AD 96-17-22 by inspection. Next due Tach 3565.9 <i>Neal A. Bachman</i> A&P164464843					