

Right

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. _____

Engine **CONTINENTAL**

Model **MODEL: IO-470-V0**

Serial No. **SERIAL #: 170147-9-V-R**

Date installed on aircraft _____

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

- Right Left
- Front Rear



AEROTECH PUBLICATIONS INC.

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	1-31-01		4033.9	TOTALS brought forward from previous page
				This Engine Installed in N 222 AL
				in Right Position
				John Y. Small
				AP 2003776
				5 June 2001 Hobbs reads 4065 ⁰ hours. Time since major overhaul
				31 ¹ hours. Total time in service 2931 ¹ hours. Performed
				annual inspection in accordance with FAR 43 appendix D
				using a checklist. Compression test results as follows
				#1 = 65/80, #2 = 60/80, #3 = 78/80, #4 = 68/80, #5 = 65/80, #6 = 65/80. Cleaned, gapped,
				tested, rotated spark plugs. Adjusted magneto to engine
				timing. Changed oil and filter, using 11 quarts AeroShell
				15W50 and CH48110 filter, inspection of used filter element
				found satisfactory. Complied with AD 96-12-22 by
				inspection due each 50 hours, AD 72-14-8 by pressure
				test and inspection due each 60 hours. Further AD
				compliance may be found in the aircraft records.
				Engine fuel system checked and adjusted in accordance
				with TCM Service bulletin M 84-6 ^{RI} . Solvent washed
				engine. Run-up check leaks and performance found
				satisfactory. I certify that this aircraft engine was
				inspected in accordance with an annual inspection and
				was determined to be in airworthy condition.
				Dauderker 523814251 JA
				3 January 2002 Hobbs: 4117 ⁵ TBO: 83 ⁶ Changed oil and filter
				Serviced engine with 12 qts AeroShell 15W-50 and CH48110
				filter. Washed engine, performed engine run-up/leak
				check. No leaks noted. AD 246410450.
				Complied with AD 96-12-22.
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

Where the user/installer work in accordance with the national regulation of an aircraft, it is essential that the user/installer accept responsibility for the safety of the aircraft. It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Air West Flight Center Inc.

Longmont Colorado 0148.3

Date: 04-04-2002 Hobbs: 4182.2 TSOH: 1432.2 N222AW

Performed a 100 Hour Inspection in accordance with FAR 43 Appendix (D) by using a checklist. Compression test as follows: #1 65/80 #2 74/80 #3 65/80 #4 77/80 #5 60/80 #6 70/80. Changed oil and filter. Serviced with 12 qts. AeroShell 15W-50 and CH48110 filter. Cleaned, gapped and tested spark plugs. Checked magneto to engine timing. Complied with AD 72-14-08, no defects noted. Further AD compliance may be found in the aircraft records. Performed engine run-up/ leak check, no leaks noted. I certify that this Engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

Jason Yokeley

Jason Yokeley
AP246410450

RT.

Air West Flight Center Inc.

Longmont Colorado

Date: 05-20-2002 Hobbs: 4237.6 N222AW

Right Engine

Drained oil and removed filter. Serviced engine with 12qts of AeroShell 15W-50 oil, and CH48110 filter. Cut filter and inspected for contaminants, none found. Washed engine and performed ground run, leak check OK.

Jason Yokeley

Jason Yokeley
AP246410450

7-18-02

4261


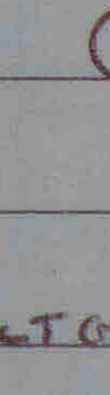

100hr Insp Clw compression ck
 1 74/80 3 72/80 5 65/80 2 69/80 4 62/80 6 72/80

changed oil and cleaned screen
 checked Mag's cleaned and gapped
 spark plugs Replaced AIT Installed
 ALV 8402

"I certify this FAS
 has been inspected in accordance
 with 100hr inspection and
 was determined to be in airworthy
 condition"
 Date 7-18-02 Tac Time 4261
 Signature [Signature]
 A&P 7003774

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10-2-02			4344.2	I certify that this engine has been inspected IAW a 100hr insp- ection and was found to be in an airworthy condition. Compression check #1 $\frac{74}{80}$ 2 $\frac{72}{80}$ 3 $\frac{70}{80}$ 4 $\frac{70}{80}$ 5 $\frac{70}{80}$ 6 $\frac{70}{80}$. Drained oil, removed & inspected filter. Serviced engine with 11 qts Aeroshell 15W50. Cleaned, gapped, tested spark plugs. Cleaned engine and ground ran to check for leaks and operation.  A&P 2052200
7-7-03	3294.6	394.6	0019.5	CHANGE OIL & FILTER - ADD AEROSHELL 15W50 & CH48110 FILTER - OLD FILTER INSPECTED OK  A&P 2052200
24 OCT 03	3309.1	409.1	34.0	CHANGE OIL & FILTER - ADD Aeroshell 15W50 & CH48110 FILTER - OLD FILTER inspected OK - Compression CKs ^{1 2 3 4 5 6} 68-65-70-70-70-70/80 CLEAN & GAP SPARK PLUGS - ADJUST VALVE TIMING - INSPECT OIL FILTER ADAPTOR PL AD 96-12-22 OK - INSPECT FLEX LINES PER AD 72-14.8 OK
				<div style="border: 1px solid black; padding: 5px;"> <p>"I certify this ENGINE..... has been inspected in accordance with ANNUAL..... Inspection and was determined to be in airworthy condition" Date 24 OCT 03 Tach Time 34.0 Signature  A&P 2052200 KI</p> </div>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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				TOTALS brought forward from previous page
11 JAN 05	3346.3	446.3	71.2	Compression CHECKS 1 2 3 4 5 6 68-66-70-70-70-69/80 CHANGE OIL - ADD AEROSHELL 15W50 - CHANGE E#48110 FILTER - OLD FILTER INSPECTED OK - CLEAN 2 GAP SPARK PLUGS - CHECK MAG TIMING - CLEAN FUEL SCREEN - AD 72-14-8 FLEX LINES PRESSURE CK'S OIL - AD 96-12-22 OIL FILTER ADAPTOR INSPECTED OK
				<div style="border: 1px solid red; padding: 5px; margin: 5px;"> <p>"I certify this ENGINE..... has been inspected in accordance with Annual..... Inspection and was determined to be in airworthy condition"</p> <p>Date 11 JAN 05 Tac Time 71.2..... Signature <u>C. P. Banner</u> A&P 2052200 AL</p> </div>
25 Aug. 05			117.4	DRAINED OIL & CHANGED REL FILTER WITH P/N ES48110. FILTER CHECK OK. SERVICED WITH 12 QTS. AEROSHELL 15W-50. CLEANED & GAPPED SPARK PLUGS. SECURED MAIN AIR INTAKE HOSE FROM CHAFING ON CONTROL CABLE BRACKET. RUN-UP, OPERATIONAL, & LEAK CHECKS GOOD.
				C. P. Banner C.P. BANNER A&P523044714
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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2 Jan 06	3411.6	511.6	136.5	Compression Checks 66-63-70-64-66-68/80 CHANGE OIL-ADD Amoswell 15W50- install new E#48110 Filter- inspect old Filter OK. Clean, gap spark plugs, Adjust mag timing- install new BA-12 Air Filter Element- inspect Flex Lines Per AD 72-14-8 ^{RI} OK- inspect Oil Filter Adapter Per AD 96-12-22 OK
				<div style="border: 1px solid black; padding: 5px;"> <p>"I certify this <u>ENGINE</u>..... has been inspected in accordance with <u>Annual</u>..... Inspection and was determined to be in airworthy condition"</p> <p>Date <u>2 Jan 06</u> Tac Time <u>136.5</u> Signature <u>[Signature]</u> A&P <u>2052200 AL</u></p> </div>
21 Sept 06			190.6	CHANGE OIL & Filter, ADD 12 qt Amoswell 15W50 install new E#48110 Filter. OLD Filter inspected OK inspect Filter Adapter per AD 96-12-22 OK [Signature] A: P2052206
1 Feb 07	3489.1	589.1	214.0	Compression Checks ^{1 2 3 4 5 6} 63-61-66-63-68-68/80 CHANGE OIL, ADD Amoswell 15W50- install new CH 48110 Filter, OLD Filter inspected OK. Clean! GAP Spark plugs- CHECK MAG TIMING install new BA-12 Filter AD 72-14-8 Flex Lines insp OK AD 96-12-22 Filter Adapter insp OK
				<div style="border: 1px solid black; padding: 5px;"> <p>"I certify this <u>ENGINE</u>..... has been inspected in accordance with <u>Annual</u>..... Inspection and was determined to be in airworthy condition"</p> <p>Date <u>1 Feb 07</u> Tac Time <u>214.0</u> Signature <u>[Signature]</u> A&P <u>2052200 AL</u></p> </div>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
1 July 2008				<p>Hobbs reads 217² hours. Total time in service 3492³ hours. Time since major overhaul 592³ hours. Performed annual inspection in accordance with FAR 43 appendix D using a checklist. Compression test results: #1 = 73/80 #2 = 77/80 #3 = 75/80 #4 = 75/80 #5 = 68/80 #6 = 74/80. Adjusted magneto to engine timing, cleaned, gapped, tested, rotated spark plugs, serviced fuel screens, changed oil and filter using 11 quarts Aeroshell 15W50 and CH48110-1, used filter element inspected ok. Complied with AD 96-12-22 due each 50 hours, AD 72-14-08²¹ due each 60 hours. Further AD compliance may be found in the aircraft records. Solvent washed engine and cowling, run-up check leaks, systems performance found satisfactory. I certify this aircraft engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition. <i>Dauderly</i> 523884251 IA</p>
10 February 2009				<p>Hobbs reads 269³ hours. Changed oil and filter using CH48110-1 filter and 12 quarts Aeroshell 15W50. Inspection of used filter element found no defects. Run-up check leaks found satisfactory. <i>Dauderly</i> 523884251 IA</p>
2-12-09			270.0	<p>Install Holly Aero overhauled 212CW Vacuum pump S/N 11274 - ops; LEAK CR OK <i>[Signature]</i> A.C. #2052200</p>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
3 AUG 09	3550.0	650.0	274.9	Compression Checks ^{1 2 3 4 5 6} 74-76-70-76-76-60/80 CLEANUP GAP Spark plugs - CHECK MAG Timing Replace Left Puid J-12397-1 upper End mount RUBBER CLEAN FUSE SCREENS INSPECT OIL FILTER ADAPTA PCLAD 96-12-22 OK - INSPECT PLEX L. vespa AD 72-14-800
				"I certify this <u>Engine</u> has been inspected in accordance with ANNUAL Inspection and was determined to be in airworthy condition" Date <u>3 AUG 09</u> Tac Time <u>274.9</u> Signature <u>[Signature]</u> A&P <u>2052200 AE</u>
25 May 2010				Hobbs reads 359 ⁸ hours Changed oil and Filter using CH48110-1 oil filter and 12 quarts Avioshell 15/50 Inspection of used filter element found no defect Sdicut washed engine and cooling Pump check leaks found ok. <u>[Signature]</u> 523884251A
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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				TOTALS brought forward from previous page
10 September 2010	Hobbs reads 363 ⁸ hours. Total time in service 3581 ² hours. Time since major overhaul 681 ³ hours.			<p>Performed annual inspection in accordance with FAR 43 appendix D using a checklist. Compression test results: #1 = 70/80 #2 = 69/80 #3 = 72/80 #4 = 70/80 #5 = 72/80 #6 = 68/80</p> <p>Checked magneto to engine timing, cleaned, gapped, tested, rotated spark plugs, serviced fuel screens, oil and filter not changed. Complied with AD 96-12-22 by inspection due each filter change or 50 hours, complied AD 72-14-08 by pressure checks due each 60 hours. Further AD compliance may be found in the aircraft records. Solvent washed engine and cowling. Run-up check leaks, systems found good. I certify this aircraft engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p style="text-align: right;">Daudy Ky 523884251BA</p>
7 October 2011	Hobbs reads 409 ⁹ hours. Total time in service 3627 ⁴ hours. Time since major overhaul 727 ⁴ hours.			<p>Performed annual inspection in accordance with FAR 43 appendix D using a checklist. Compression test results: #1 = 65/80 #2 = 71/80 #3 = 73/80 #4 = 72/80 #5 = 70/80 #6 = 69/80.</p> <p>Cleaned, gapped, tested, rotated spark plugs, Checked magneto to engine timing, Changed oil and filter using 12 quarts Aeroshell 15W50 and CH48110 - 1 filter used filter inspected good, Complied AD 96-12-22 by inspection per AD text due each 50 hours or filter change, Complied AD 72-14-08</p>
				SUB-TOTALS this page (cont)
				TOTALS —Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
(cont)				by pressure test leak check due each 60 hours, further AD compliance may be found in the aircraft records, Solvent washed engine and cowling. Run-up check leaks, systems found good. I certify this aircraft engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition. <i>E. Daudy 52388425/IA</i>
1 NOV 12	3655.8	755.8	438.3	<p>Compression Checks 1 2 3 4 5 6 62-64-73-70-66-62/80</p> <p>CHANGE OIL, ADD 11 qt ACROSHELL 15W50 - INSTALL NEW CH 48110-1 FILTER - OLD FILTER INSPECTED OK - CLEAN, GAP; CHECK SPARK PLUGS - CHECK MAG TIMING</p> <p>CLEAN FUEL SCREENS, INSPECT OIL FILTER ADAPTERS PER AD 96-12-22 OK - AD 2012-12-6 FUEL SERVO</p> <p>Diaphragm N/A - NOT INSTALLED</p>

"I certify this ENGINE.....
has been inspected in accordance
with ANNUAL..... Inspection and
was determined to be in airworthy
condition"
Date 1 NOV 12 Tach Time 438.3
Signature *E. Daudy*
A&P 2052200AT

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FAA FORM 8130-3

AIRWORTHINESS APPROVAL TAG

U.S. Department of Transportation
Federal Aviation Administration

1. UNITED STATES	2. <i>Signature</i> Engines, Inc., 4204 Airport Road, Cincinnati, OH 45226 Repair Station #E5ZR316Y		3. System Tracking Ref. No. INV #1593			
4. Organization		5. Work Order, Contract, or Invoice Number: E0867				
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial/ Batch Number	12. Status/Work
1	TELEDYNE CONTINENTAL ENGINE	10-470-V0	Various--to be verified by installer	1	170147-9-V-R	Overhauled
13. Remarks THIS ENGINE HAS BEEN OVERHAULED IN ACCORDANCE WITH THE APPLICABLE CONTINENTAL MANUALS. A LIST OF ALL PARTS, F.A.A. AIRWORTHINESS DIRECTIVES, AND MANUFACTURER'S SERVICE BULLETINS COMPLIED WITH ARE A PART OF THESE RECORDS. ALL PARTS HAVE BEEN INSPECTED AND HAVE BEEN DETERMINED AIRWORTHY TO RETURN TO SERVICE. ENGINE TEST RUN PER OVERHAUL MANUAL. TEST SHEET FURNISHED. THIS ENGINE IS AIRWORTHY FOR RETURN TO SERVICE. PARTS AND ACCESSORIES REPLACED: 6 EA. STEEL RE-BARREL CYLINDERS 1 EA. FUEL INJECTION 2 EA. MAGNETOS 1 EA. HARNESS 12 EA. SPARK PLUGS T.S.M.O.H. 0.0 HRS T.T. ENGINE: 2900.0 ESTIMATED						
Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.						
14. New <input type="checkbox"/> Newly Overhauled <input type="checkbox"/>		19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.				
NOTE: In case of parts to be exported, the special requirements of the importing country have been met.						
15. Signature		16. FAA Authorization No.:		20. Authorized Signature:		21. Certificate Number:
				<i>Douglas P. Kleeman</i>		E5ZR316Y
17. Name (Typed or Printed):		18. Date:		22. Name (Typed or Printed):		23. Date:
				DOUGLAS P. KLEEMAN CHIEF INSPECTOR		1-3-01