

LE37

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

N222AW

Log No. _____

T. W. SMITH ENGINE CO., INC.

HANGAR #1 • LUNKEN AIRPORT • CINCINNATI, OHIO 45226

MAINTENANCE RELEASE

The aircraft and/or component identified above was overhauled and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.

Pertinent details of the repair are on file at this agency. **CERTIFIED REPAIR STATION**
No. CB1R054K

Work Order No. E5593 Date: 5-15-98

Model: I0-470-V0 Serial No. 149163-71V

Date Re-built 5-6-98

Total Accumulated Time 4500.0 EST. HOURS

Signed: *[Signature]*

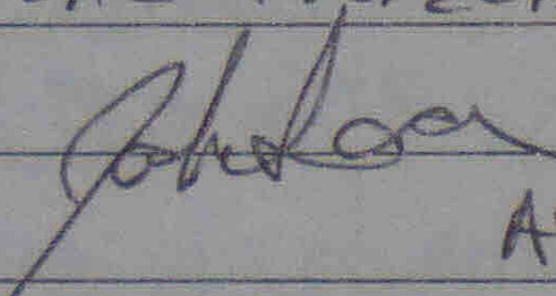
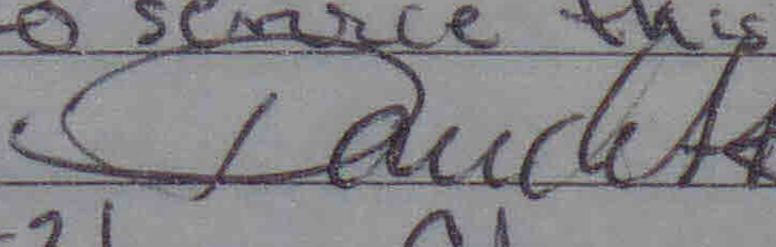
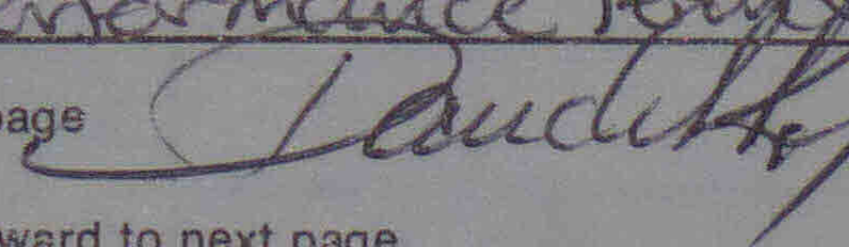
The above listed component has been overhauled and inspected, and test run as prescribed by manufacturer's specifications. All steel parts magnafluxed and non-ferrous parts dyed. No further run-in of the installation is required. List of manufacturer's bulletin and AD Notes complied with, recorded in back of logbook.



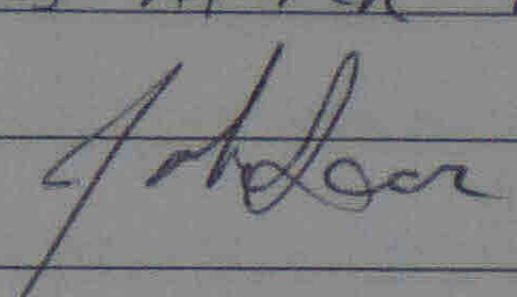
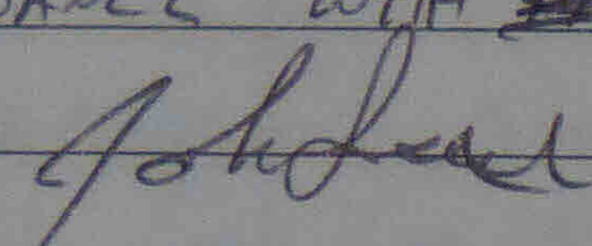
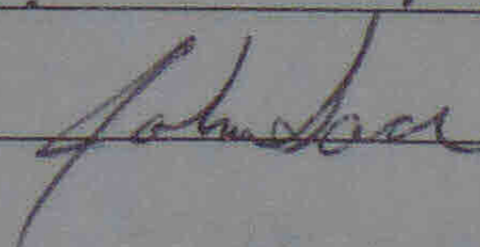
AEROTECH PUBLICATIONS INC.

PO BOX 1359 / SOUTHOLD, NY 11971-0965
(516) 765-9375
FAX: (516) 765-9359

ASSEMBLED CYLINDER USING SERVICEABLE
 EXHAUST VALVE, ~~XXXXXX~~ SPRINGS, ROTOR-
 COIL ANDREYS.

DATE	IN SERVICE	OVERHAUL	TIME	DESCRIPTION OF WORK PERFORMED—
				SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
22 MAY 1998	TACH	2760	2	TSMO 10 ² INSPECTED ENGINE IN ACCORDANCE WITH FAR PART 43 APPENDIX D. BY USING CHECKLIST. COMPRESSION TEST: #1 $\frac{74}{80}$ #2 $\frac{72}{80}$ #3 $\frac{62}{80}$ #4 $\frac{74}{80}$ #5 $\frac{74}{80}$ #6 $\frac{72}{80}$. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER AND FOUND IT SATISFACTORY. LUBED CONTROL CABLES. REPLACED TACH GEN WITH OVERHAULED UNIT P/N AN 5547-2. (SEE ATTACHED TAG) CHECKED OVERALL CONDITION AND OPERATION. TEST RUN AND LEAK CHECK GOOD. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND AIRWORTHY. -END-
				 APP 507981217 IA
11 June 1998		Hobbs reads 2768 ²		hours. Removed cylinder #3 due to exhaust valve leakage. Exhaust seat ground and lapped, reassembled cylinder and installed to engine. See maintenance release form in the aircraft records. Run-up check systems leaks and performance found satisfactory. Engine returned to service this date.
				 523884251 IA
22 June 1998		Hobbs reads 2785 ²		hours. Changed oil and filter using 12 quarts Aeroshell 100W mineral and CH48110 filter inspection of used filter found satisfactory. Compression check results as follows #1 = $\frac{65}{80}$ #2 = $\frac{74}{80}$ #3 = $\frac{71}{80}$ #4 = $\frac{70}{80}$ #5 = $\frac{70}{80}$ #6 = $\frac{72}{80}$. Solvent washed engine and cowling. Run-up check leaks, systems performance found satisfactory.
				 523884251 IA
				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
24 JULY 1998	TACH 2808 ⁴			CHANGED OIL AND OIL FILTER AND SERVICED WITH 12 QRTS AEROSHELL 15W-50 OIL AND CH48110 FILTER. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER FOR LOOSENESS AND FOUND SATISFACTORY. SOLVENT WASHED ENGINE AND TEST RUN . TEST RUN - CHECKED FOR LEAKS.
				Johnsen AWP507981217
2 SEPT 98	HOBBS 2868			TIME SINCE MAJOR OVERHAUL 118 PERFORMED 100 HR IN ACCORDANCE WITH FAR PART 43 APPENDIX D, BY USING A CHECKLIST. COMPRESSION TEST: #1 ⁷³ / ₈₀ #2 ⁷⁴ / ₈₀ #3 ⁷⁹ / ₈₀ #4 ⁷⁴ / ₈₀ #5 ⁷⁷ / ₈₀ #6 ⁷⁴ / ₈₀ . CHANGED OIL AND FILTER AND SERVICED WITH 12 QRTS AEROSHELL 15W-50 AND CH48110 FILTER. CHECKED OIL SCREENS FOR CONTAMINATION. CLEANED SPARK PLUGS AND REGAPPED. CHECKED MAG TO ENGINE TIMING. LUBED CONTROL CABLES. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTERS FOR LOOSENESS. DUE EVERY 50 HRS. CHECKED OVER ALL CONDITION AND OPERATION. SOLVENT WASHED ENGINE AND TEST RUN - CHECKED FOR LEAKS. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HR INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION.
				Johnsen AWP507981217
14 SEPT 98	HOBBS 2909 ²			CHANGED OIL AND FILTER AND SERVICED WITH 12 QRTS AEROSHELL 15W-50 AND CH48110 FILTER. COMPLIED WITH 96-12-22 BY INSPECTING OIL FILTER ADAPTER FOR (CONT)
				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
(CONT)				LOOSENESS AND SAFETY DUE EVERY 50 HRS. SOLVENT WASHED ENGINE AND CHECKED FOR LEAKS AFTER TEST RUN. <div style="text-align: right;">  APP50798/1217 </div>
17 OCT 98	HOBBS 2964	TSMO 214		PERFORMED 100 HR INSPECTION IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. COMPRESSION TEST: #1 $\frac{75}{80}$ #2 $\frac{76}{80}$ #3 $\frac{74}{80}$ #4 $\frac{74}{80}$ #5 $\frac{75}{80}$ #6 $\frac{76}{80}$. CHANGED OIL AND FILTER AND SERVICED WITH 12 QRTS 15W-50 OIL AND 48110 FILTER. CHECKED SCREENS. REPLACED ALT & ENG MOUNT WITH REPAIRED UNIT. CLEANED SPARK PLUGS AND GAPPED. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER, DUE EVERY 50 HRS. CHECKED ENG. TO MAG. TIMING. CHECKED OVERALL CONDITION AND OPERATION. SOLVENT WASHED ENGINE AND TEST RUN SATISFACTORY. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH APP ^{APP} 100 HR INSPECTION AND IS FOUND AIRWORTHY. <div style="text-align: right;">  APP50798/1217 </div>
16 NOV 98	HOBBS 3027			CHANGED OIL AND FILTER AND SERVICED WITH 12 QRTS 15W-50 OIL AND CH 48110 FILTER. COMPLIED WITH AD 96-12-22 BY INSPECTION OF OIL FILTER ADAPTER DUE EVERY 50 HRS OR WHEN OIL FILTER IS REMOVED. RUN-UP CHECK O.K. <div style="text-align: right;">  APP50798/1217 </div>

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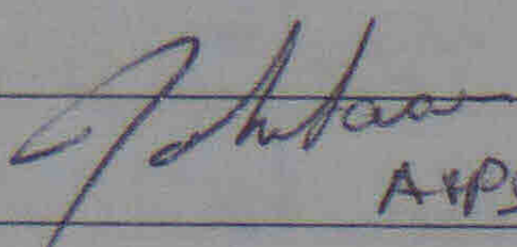
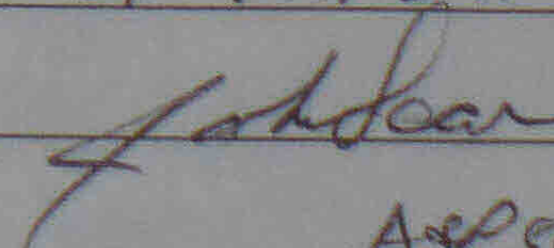
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
1 DEC 98	HOBBS	3066 ²		TIME SINCE MAJOR OVERHAUL 316 ² PERFORMED 100 HR INSPECTION IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. COMPRESSION TEST: #1 ⁷⁴ / ₈₀ #2 ⁷⁴ / ₈₀ #3 ⁷⁴ / ₈₀ #4 ⁷⁴ / ₈₀ #5 ⁷⁴ / ₈₀ #6 ⁷⁴ / ₈₀ . CHANGED OIL AND FILTER AND SERVICED WITH 12 QTS 15W-50 OIL AND CH 48110 FILTER. CHECKED OIL SCREENS AND FUEL SCREENS FOR METAL OR DIRT CONTAMINATION. CLEANED AND GAPPED SPARK PLUGS. REPLACED AIR FILTER P/N BA-12. CHECKED ENG-TO-MAG TIMING. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER; DUE EVERY 50 HRS. ALL OTHER ADS CAN BE FOUND IN AIRCRAFT RECORDS. CHECKED OVERALL CONDITION AND OPERATION. SOLVENT WASHED ENGINE. RUN-UP CHECK SATISFACTORY. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION.
				Johnson AWP507981217
5 JAN 99	HOBBS	3120 ²		CHANGED OIL AND FILTER AND SERVICED WITH 12 QTS 15W-50 AEROSHELL AND CH 48110 FILTER. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER, DUE EVERY 50 HRS. RUN-UP CHECK NORMAL.
				Johnson AWP507981217
18 FEB 99	HOBBS	3165 ²	TSMO 415 ²	PERFORMED 100 HR INSPECTION IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. COMPRESSION TEST: #1 ⁷⁴ / ₈₀ #2 ⁷⁴ / ₈₀ #3 ⁷⁴ / ₈₀ #4 ⁷⁴ / ₈₀ #5 ⁷⁴ / ₈₀ #6 ⁷⁴ / ₈₀ . CHANGED OIL AND FILTER AND SERVICED WITH 12 QTS 15W-50 AEROSHELL
				(cont)
				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
(CONT)				AND CH 48110 FILTER, CHECKED OIL SCREEN, CHECKED MAG-TO- EVONS TIMING, CLEANED SPARK PLUGS. COMPLIED WITH 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 50 HRS. REPAIRED RT FRONT BAFFLING. SOLVENT WASHED AND PERFORMED RUN UP CHECK. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS FOUND TO BE AIRWORTHY. <i>John Lee</i> A4507981217
19 MAR 99		TACH 3223 ⁶		DRAINED OIL AND CHANGED FILTER. SERVICED WITH 12 QTS 15W-50 AEROSHELL. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 50 HRS. SOLVENT WASHED AND RUN-UP SATISFACTORY <i>John Lee</i> A4507981217
29 MAR 99		HOBBS 3237		REPLACED STARTER WITH NEWLY OVERHAULD STARTER FROM AERO ELECTRIC, INC. OPS CHECK OK. SEE ATTACHED PAPER WORK. P/N M#54003 S/N 3E000012
26 APR 99		HOBBS 3274		COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER FOR TIGHTNESS AND SAFETY, DUE EVERY 50 HRS. FOUND SATISFACTORY. <i>John Lee</i> A4507981217
3 MAY 99		HOBBS 3280 ⁹		TIME SINCE MAJOR OVERHAUL 530 ² PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. COMPRESSION CHECK: #1 ⁷⁴ / ₈₀ #2 ⁷⁴ / ₈₀ #3 ⁷⁸ / ₈₀ #4 ⁷³ / ₈₀ #5 ⁷⁸ / ₈₀ #6 ⁷⁴ / ₈₀ . DRAINED OIL AND CHANGED OIL (CONT)
				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
(CONT)				FILTER, CHECKED OIL AND FUEL SCREENS AND CLEANED. CHECKED MAG-TO-ENGINE TIMING. CLEANED, ROTATED AND GAPPED SPARK PLUGS. REPLACED # 4 & # 6 EXHAUST STACKS. REPLACED # 3 & # 5 EXHAUST RISERS. SEE AIRCRAFT RECORDS FOR YELLOW TAGS AND WORK ORDERS. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 50 HRS OR WHEN OIL FILTER IS REMOVED. ADDITION AD COMPLIANCE CAN BE FOUND IN AIRCRAFT RECORDS. SOLVENT WASHED ENGINE AND PERFORMED RUN-UP CHECK. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION. <i>Johnson ACP507981271A</i>
11 JUN 99	HOBBS 3303 ⁵			DRAINED OIL AND CHANGED OIL FILTER. SERVICED WITH 12 QRTS 15W-50 AEROSHELL. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 50 HRS. PERFORMED RUN-UP CHECK AND FOUND SATISFACTORY. <i>Johnson ACP507981277</i>
14 JUL 99	HOBBS 3373	TSMO 623		PERFORMED 100 HR IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. COMPRESSION TEST: #1 $\frac{74}{80}$ #2 $\frac{74}{80}$ #3 $\frac{28}{80}$ #4 $\frac{72}{80}$ #5 $\frac{79}{80}$ #6 $\frac{74}{80}$. DRAINED OIL AND CHANGED FILTER. SERVICED WITH 12 QRTS 15W-50 AEROSHELL. CHECKED FUEL AND OIL SCREENS. CLEANED AND GAPPED SPARK PLUGS. CHECKED MAG-TO-ENG. TIMING. CHECKED EXHAUST FOR CRACKS. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 50 HRS. ANY (CONT)
				SUB-TOTALS this page
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				TOTALS brought forward from previous page
(CONT)				FURTHER AD COMPLIANCE CAN BE FOUND IN AIRCRAFT RECORDS. SOLVENT WASHED ENGINE AND PERFORMED RUN-UP CHECK. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION. <i>John Lee</i> AWP502981A17
8-3-99	HOBBS	3420 ⁹		DRAINED OIL AND CHANGED OIL FILTER. SERVICED WITH 12 QRTS 15W-50 AEROSHELL. COMPLIED WITH AD 96-12-22 BY INSPECTION OF OIL FILTER ADAPTER DUE EVERY 50 HRS. <i>John Lee</i> AWP501981A17
27 AUG 99	HOBBS	3469	TSMO 719	PERFORMED 100 HR INSPECTION IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. COMPRESSION TEST: #1 ⁷⁴ / ₈₀ #2 ⁷⁹ / ₈₀ #3 ⁷⁴ / ₈₀ #4 ⁷⁹ / ₈₀ #5 ⁷⁵ / ₈₀ #6 ⁷⁴ / ₈₀ . DRAINED OIL AND CHANGED OIL FILTER. SERVICED WITH 12 QRTS 15W-50 AEROSHELL. CHECKED FUEL AND OIL SCREENS. CLEANED AND GAPPED SPARK PLUGS. CHECKED AND MAG-TO-ENG TIMING. CHECKED EXHAUST SYSTEM FOR CRACKS AND LEAKS. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTERS DUE EVERY 50 HRS. ANY FURTHER AD COMPLIANCE CAN BE FOUND IN AIRCRAFT RECORDS. SOLVENT WASHED AND TESTED. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A A 100 HR INSPECTION AND IS FOUND TO BE AIRWORTHY. <i>John Lee</i> AWP502981A17
				SUB-TOTALS this page
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7-13-99	HOBBS	3529 ²		DRAINED OIL AND CHANGED OIL FILTER. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 60 HRS. SERVICED WITH 12 QRTS 15W-50 AEROSHELL. TEST RUN SATISFACTORY. <i>John Doe</i> A6507981217
10-1-99	HOBBS	3570.5	TSMO 820.5	PERFORMED 100 HR IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. COMPRESSION TEST: #1 77/80 #2 79/80 #3 77/80 #4 75/80 #5 76/80 #6 74/80. DRAINED OIL AND CHANGED OIL FILTER. SERVICED WITH 12 QRTS 15W-50 AEROSHELL. CHECKED FUEL AND OIL SCREENS. CLEANED TOP SPARK PLUGS AND REPLACED ALL BOTTOM SPARK PLUGS RHB32E. CHECKED ENG-TO-MAG TIMING. CHECKED EXHAUST FOR LEAKS OR CRACKS - NONE FOUND. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER AS ADAPTER DUE EVERY 50 HRS. PERFORMED RUN-UP CHECK AND FOUND SATISFACTORY. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION. <i>John Doe</i> A6607981217
25 OCT 99	HOBBS	3627		DRAINED OIL AND CHANGED OIL FILTER. SERVICED WITH 12 QRTS 15W-50 AEROSHELL. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 50 HRS. <i>John Doe</i> A6507981217
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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2 DEC 99	HOBBS	3674	TSMO 924	PERFORMED 100 HR IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. COMPRESSION TEST: #1 $\frac{78}{80}$ #2 $\frac{78}{80}$ #3 $\frac{77}{80}$ #4 $\frac{78}{80}$ #5 $\frac{77}{80}$ #6 $\frac{75}{80}$ DRAINED OIL AND CHANGED OIL FILTER. SERVICED WITH 11 QRTS 15W-50 AEROSHELL. CHECKED FUEL AND OIL SCREENS. REPLACED TOP SPARK PLUGS W/ R1HB32E NEW PLUGS. CLEANED BOTTOM PLUGS. CHECKED EXHAUST FOR CRACKS OR LEAKS. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 50 HRS. REPLACED MIXTURE CONTROL CABLE ROD END. SOLVENT WASHED ENGINE AND PERFORMED RUN-UP CHECK. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION.
				 AWP507981217
27 JAN 00	HOBBS	3729		DRAINED OIL AND CHANGED OIL FILTER. SERVICED WITH 11 QRS 15W-50 AEROSHELL. CHECKED SCREENS AND PERFORMED RUN-UP. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 50 HRS.
				 AWP507981217
7 MAR 00	HOBBS	3777	TSMO - 1027	PERFORMED ANNUAL IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. COMPRESSION TEST: #1 $\frac{78}{80}$ #2 $\frac{78}{80}$ #3 $\frac{76}{80}$ #4 $\frac{72}{80}$ #5 $\frac{75}{80}$ #6 $\frac{74}{80}$. DRAINED OIL AND CHANGED FILTER. SERVICED WITH 11 QRS 15W-50 AEROSHELL. CHECKED FUEL AND OIL SCREENS. CHECKED MAG-TO-ENG TIMING. CLEANED AND ROTATED, GAPPED SPARK PLUGS.
				(CONT)
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				TOTALS brought forward from previous page
(CONT)				CHECKED EXHAUST FOR CRACKS OR LEAKS. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 50 HRS. SOLVENT WASHED ENGINE AND PERFORMED RUN-UP CHECK. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION. <i>Johnson</i> AWP 5079812171A
18 APR 00	HOBBS 3838			DRAINED OIL AND CHANGED OIL FILTER. SERVICED WITH 11 QTS 15W-50 AEROSHELL. COMPLETED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTER DUE EVERY 50 HRS. <i>Johnson</i> AWP 5079812171A
9 JUNE 00	Hobbs 3820-27		TSMOH 1120-27	performed a 100 hr inspection IAW FAR 43 Appendix D using a checklist changed oil and filter 48110 filter and 12 qts aeroshell 15/50 Compression as follows #1 77/80 #2 74/80 #3 74/80 #4 76/80 #5 78/80 #6 74/80 checked fuel and oil screens checked mag to engine timing cleaned gapped and rotated spark plugs All A.D. Compliance can be found in aircraft records Solvent washed and performed engine run-up and check for leaks I certify this engine has been inspected IAW a 100 hr. inspection and is found to be in airworthy condition Brian E. Richell AP 524152466
				SUB-TOTALS this page
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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
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28 ⁰⁰ Sept	Hobbs: 3939.6	TSMOK: 1189.6		Drained oil and changed filter. Serviced with 12gts. Aeroshell 15w-50. Complied with AD 96-12-22 by inspection of oil filter adapter due every 50 hrs. Solvent washed engine and performed run-up check for leaks. <i>[Signature]</i> AWP 246410450

Air West Flight Center Inc.
Longmont Colorado

N222AW 10/20/00 Hobbs 3969

Performed 100hr Inspection in accordance with FAR 43 Appendix D by using a checklist. Performed compression check #1 75/80 #2 75/80 #3 66/80 #4 70/80 #5 76/80 #6 67/80. Changed oil and filter using Aeroshell 15w50 and CH48110 filter. Cleaned gapped and tested spark plugs. Tightened alternator belt. C/W AD 96-12-22 Oil Filter Adapters no defects noted, Checked engine overall condition and performed ground run and operation/leak check. "I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition."

[Signature]

Left engine

Kent Hillmann A&P 547592637

5 June 2001	Hobbs reads 4065 ⁰⁰ hours	Time since major overhaul 1315 ⁰⁰ hours. Estimated total time in service 5815 ⁰⁰ hours. Performed annual inspection in accordance with FAR 43 appendix D using a checklist. Compression test results as follows #1 = 72/80 #2 = 70/80 #3 = 56/80 #4 = 65/80 #5 = 70/80 #6 = 63/80. Cleaned, gapped, tested, rotated spark plugs, adjusted magnets 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. Solvent washed. Run-up check leaks satisfactory. I certify that this aircraft engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.		
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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
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03 January 2002			4117.5	7810: 1367.5 (Charged oil and filter. Serviced with 12 qts AeroShell 15W-50 and CH48110 filter. Complied with AD 96-12-22. Washed engine, performed engine run-up/leak check. No leaks noted.) Jason Yokeley AP246410450

Air West Flight Center Inc.

Longmont Colorado

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 68/80 #2 70/80 #3 67/80 #4 71/80 #5 70/80 #6 66/80. Changed oil and filter. Serviced with 12 qts. AeroShell 15W-50 and CH48110 filter. Installed new spark plugs P/N RHB32E. Checked magneto to engine timing. Complied with AD 72-14-08, no defects noted. Complied with AD 96-12-22, 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

LT.

Air West Flight Center Inc.

Longmont Colorado

Date: 05-20-2002 Hobbs: 4237.6 N222AW

Left 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 after compression CK. 1 74/80 3 72/80 5 76/80 2 72/80 4 72/80 6 76/80 changed oil & filter cleaned and gapped spark plugs
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"I certify this Eng
has been inspected in accordance
with 100hr inspection and
was determined to be in airworthy
condition"
Date 7-18-02 Tach Time 4261
Signature [Signature]
A&P 2409776

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		1614.2	1364.7	I certify that this engine has been inspected IAW a 100hr inspection and was found to be in an airworthy condition Compression check # 1 $\frac{78}{80}$ 2 $\frac{75}{80}$ 3 $\frac{73}{80}$ 4 $\frac{70}{80}$ 5 $\frac{76}{80}$ 6 $\frac{75}{80}$. Drained oil, removed & inspected Filter Serviced engine with 11 qts Aeroshell 15W50. Cleared engine ground run to check for leaks and operation.  AP56178814
7-7-03	6178.5	1678.5	0019.5	CHANGE OIL & FILTER - ADD Aeroshell 15W50 & CH 48110 FILTER - OLD FILTER INSPECTED OK CQR - A&P 2052200
24 OCT 03	6193.0	1693.0	34.0	CHANGE OIL & FILTER - ADD Aeroshell 15W50 AND CH 48110 FILTER - OLD FILTER INSPECTED OK. Compression checks 1 2 3 4 5 6 76-77-69-75-73-75/80 - CLEAN & GAP SPARK PLUGS - ADJUST MAG Timing - inspect oil filter ADAPTA PG AD 96-12-22 OK - inspect flex hose AS2 PG AD 72-14-8 OK
				<div style="border: 1px solid red; padding: 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 24 Oct 03 Tach Time 34.0</p> <p>Signature </p> <p>A&P 2052200 AI</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
11 Jan 05	6230.2	1730.2	71.2	Compression Checks ¹ 72- ² 74- ³ 72- ⁴ 68- ⁵ 72- ⁶ 72/80 CHANGE OIL - ADD Aeroshell 15W50 - CHANGE E#48110 FILTER - OLD FILTER INSPECTED OK - CLEAN & GAP Spark plugs - CHECK MAG TIMING - CLEAN FUEL SCREEN - AD 72-14-18 FLEX LINES PRESSURE OK OK - AD 96-12-22 OIL FILTER ADAPTERS INSPECTED OK -
				"I certify this ENGINE..... has been inspected in accordance with ANNUAL..... inspection and was determined to be in airworthy condition." Date 11 Jan 05 Tach Time 71.2..... Signature <i>[Signature]</i> A&P 2052200 AS
25-Aug-05			117.4	DRAINED OIL & CHANGED OIL FILTER WITH P/N E548110. FILTER CHECK OK. SERVICED WITH 12 QTS. AEROSHELL 15W-50. CLEANED & GAPPED SPARK PLUGS. * REPLACED BOTH FORWARD EN- GINE SHOCKMOUNTS WITH LORD P/N'S J-12390-1 IAW CESSNA SERVICE MANUAL, RUN-UP, OPERATIONAL, & LEAK CHECKS GOOD. — <i>[Signature]</i> C.R. BANNER A&P 523044716
				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
2 Jan 06	6295.5	1795.5	136.5	Compression checks 74-70-64-66-62-60/80 CHANGE OIL, ADD Aeroshell 15W50 - install new CH48110 Filter, old filter inspected OK. Clean & GAP spark plugs - adjust mag timing inspect Flex Lines per AD 72-14-8 OK - inspect oil filter adapter per AD 96-12-22 OK - Replace BA-12 A2 Filter Element
				"I certify this ENGINE..... has been inspected in accordance with ANNUAL..... inspection and was determined to be in airworthy condition" Date 2 Jan 06 Tac Time 136.5 Signature <i>[Signature]</i> A&P 2052200 AI
21 Sept 06			190.6	CHANGE OIL & Filter - Add 12qt Aeroshell 15W50 install new CH 48110-1 Filter - old filter inspected OK - inspect Filter adapters per AD 96-12-22 OK <i>[Signature]</i> A&P 2052200
1 Feb 07	6373.0	1873.0	214.0	Compression checks ^{1 2 3 4 5 6} 76-74-74-76-76-72/80 CHANGE OIL, ADD Aeroshell 15W50, install new CH-48110-1 Filter, old filter inspected OK Clean & GAP spark plugs, CHECK MAG TIMING AD 72-14-8 Flex Lines duby loop AD 96-12-22 Filter Adapters insp OK
				"I certify this ENGINE..... has been inspected in accordance with ANNUAL..... inspection and was determined to be in airworthy condition" Date 1 Feb 07 Tac Time 214.0 Signature <i>[Signature]</i> A&P 2052200 AI
				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 September 2010			Hobbs reads 363 ⁸ -hours. Total time in service unknown. Time since major overhaul 1965 ² -hours.	<p>Performed annual inspection in accordance with FAR 43 appendix D using a checklist. Compression test results: #1 = 74/80 #2 = 72/80 #3 = 70/80 #4 = 72/80 #5 = 78/80 #6 = 70/80.</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 50 hours or filter change, 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;">Daudithy 523884251IA</p>
7 October 2011			Hobbs reads 409 ⁹ -hours. Total time in service unknown. Time since major overhaul 2011 ³ hours.	<p>Performed annual inspection in accordance with FAR 43 appendix D using a checklist. Compression test results: #1 = 76/80 #2 = 71/80 #3 = 71/80 #4 = 70/80 #5 = 76/80 #6 = 71/80. 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</p>
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				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)				AD 72-14-08 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. Dauderby 5238/4251IA
1 NOV 12	UNKNOWN	2039.7	438.3	<p>Compressor Checks 1 2 3 4 5 6 74-68-75-74-76-72/80</p> <p>CHANGE OIL & FILTER - Add 11 qt Aeroshell 5W50 & C13 48110-1 FILTER - OLD FILTER INSPECTED OK - CLEAN, GAP! TEST SPARK PLUGS - CHECK MAG TIMING - CLEAN FUEL SERVOs, inspect oil filter Adapters per AD 96-12-22 OK - AD 2012-12-6 Fuel Servo Diagram N/A - NOT INSTALLED</p>
<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 NOV 12</u> Tach Time <u>438.3</u></p> <p>Signature <u>[Signature]</u></p> <p>A&P <u>2052200 [Signature]</u></p> </div>				
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