

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. 222 AW

Aircraft Mfg. CESSNA Model 310P Serial No. 310P-0106

LT Engine Mfg. CONT. Model I0-470-U0 Serial No. 149163-71V

RT Engine Mfg. CONT. Model I0-470-U0 Serial No. 148570-9-V

RT { Propeller Mfg. McCAULEY Model D2AF34C71-NP/84BF3 Serial No. 736003
Hub Design No. _____ Hub Serial No. _____
Blade Design No. _____ Blade Serial No's. _____

LT { Propeller Mfg. McCAULEY Model D2AF34C71-NP/84BF3 Serial No. 735798
Hub Design No. _____ Hub Serial No. _____
Blade Design No. _____ Blade Serial No's. _____

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

PO BOX 1359 / SOUTHOLD, NY 11971-0965
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
7-99	HOBBS 3280 ²	TOTAL TIME AIRFRAME 6776 ⁰⁹	<p>OPENED THIS LOG THIS DATE AND TIMES BROUGHT FOWARD. PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECK LIST. OPENED AIRFRAME AND LUBED ALL PULLEYS, HINGES, BELLCRANKS AND ROD ENDS. SERVICED BATTERY, TIRES, SHOCK STRUTS, BRAKES. GREASED LANDING GEAR AND GEAR BOX. REPLACED LT. MAIN TIRE WITH AIRTRAC 6.50x10. REPLACED ALL LT. BRAKE LININGS P/N 66-033. JACKED AIRCRAFT AND PERFORMED GEAR RETRACTION AND EMERGENCY SYSTEM FUNCTIONS - ALL FOUND SATISFACTORY. REPLACED LT LANDING LIGHT P/N 4553. REPLACED #4, #6 AND #5, #3 EXHAUST STACKS. SEE YELLOW TAGS FOR P/N AND S/N. COMPLIED WITH AD 96-12-22 ON BOTH ENGINES BY INSPECTING OIL FILTER ADAPTERS DUE EVERY 50 HRS. COMPLIED WITH AD 72-14-08 BY PRESSURIZATION AND INSPECTION OF HOSE ASSEMBLIES. AD 99-09-17 DOES NOT APPLY TO CRANKSHAFTS. FUTHER AD COMPLIANCE CAN BE FOUND IN AIRCRAFT RECORDS. PERFORMED CHECK (OPERATIONAL) ON ELT UNIT PER 91.207, BATTERIES DUE JUNOO. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION.</p> <p style="text-align: right;"><i>John Deane</i> A4507981217IA</p>
11 JUN 99	HOBBS 3313 ⁵	COMPLIED WITH AD 72-14-08	<p>BY INSPECTION OF HOSE ASSEMBLIES DUE EVERY 50 HRS.</p> <p style="text-align: right;"><i>John Deane</i> A4507981217</p>

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7-14-99	HOBBS 2373	TOTAL TIME 6868 ¹⁹	<p>PERFORMED 100 HR INSPECTION IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. LUBRICATED ALL PULLEYS, HINGES, BELLCRANKS AND ROD ENDS. SERVICED BATTERY AND TIRES. REPLACED PILOT SIDE LT RUDDER PEDAL RETURN SPRING P/N 08617146. REPLACED VACUUM GAUGE FILTERS. REPLACED NOSE TIRE WITH GOODYEAR FLIGHT CUSTOM II 6.00X6. JACKED AIRCRAFT AND PERFORMED RETRACTION AND EXTENSION TEST AS WELL AS EMERGENCY EXTENSION. COMPLIED WITH AD 72-14-08 BY FLEX-TEST AND PRESSURIZATION OF HOSE ASSEMBLIES DUE EVERY 50 HRS. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTERS ON BOTH ENGINES DUE EVERY 50 HRS. FURTHER AD COMPLIANCE CAN BE FOUND IN AIRCRAFT RECORDS. CHECKED OVER ALL CONDITION AND OPERATION. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION.</p> <p style="text-align: right;"><i>[Signature]</i> A450198127</p>
8-3-99	HOBBS 2420 ⁹		<p>COMPLIED WITH AD 72-14-08 BY INSPECTION OF OIL HOSE ASSEMBLIES DUE EVERY 50 HRS. COMPLIED WITH AD 96-12-22 BY INSPECTION OF OIL FILTER ADAPTERS DUE EVERY 50 HRS ON BOTH ENGINES.</p> <p style="text-align: right;"><i>[Signature]</i> A450198127</p>

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27 AUG 99	HOBBS 346.9	346.9	TOTAL TIME 6964 ¹⁹ PERFORMED 100 HR IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. LUBRICATED GEAR, ROD ENDS, HINGES AND BELLCRANKS. SERVICED BATTERY, TIRES AND BRAKES. REPLACED LT MAIN TIRE WITH AIRHAWK 6.50x10. JACKED AIRCRAFT AND PERFORMED GEAR EXTENSION AND RETRACTION AND TESTED EMERGENCY GEAR DOWN SYSTEM, ADJUSTED HANDLE. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTERS ON BOTH ENGINES DUE EVERY 50 HRS. COMPLIED WITH AD 72-14-08 BY INSPECTING FLEXIBLE HOSES DUE EVERY 50 HRS. FURTHER AD COMPLIANCE CAN BE FOUND IN AIRCRAFT RECORDS. CHECKED OVERALL CONDITION AND OPERATION. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION. Johnson AWP507881217
13 SEPT 99	HOBBS 3529.2	3529.2	CHANGED OIL AND FILTER AND SERVICED COMPLIED WITH AD 72-14-08 BY INSPECTING HOSE ASSEMBLIES DUE EVERY 50 HRS. Johnson AWP507881217
20 SEPT 99	HOBBS 3534.3	3534.3	REPLACED DIRECTIONAL GYRO WITH SERVICABLE UNIT P/N 6520A 200-3, MODEL # 6520A, S/N 4099 FROM TRI-COUNTY INSTRUMENTS. Johnson AWP507881217

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Tire Diff
 Wheel

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
1 OCT 99	HOBBS	3570.5	TOTAL TIME 7065.69 PERFORMED 100HR IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. REPLACED RT MAIN TIRE WITH NEW 6.50-10 AIR HAWK TIRE. SERVICED BATTERY, TIRES AND BRAKES. REPLACED TAIL AND STROBE BULB. INSTALLED CENTER BOLT ON RT. GEAR DOWN LOCK ARM BRACKET. TIGHTENED ALL OTHER BOLTS ON SAME BRACKET. REPLACED LT GEAR DOOR HINGE RIVETS. PERFORMED GEAR RETRACTION AND EMERGENCY DOWN SYSTEM AND FOUND SATISFACTORY. COMPLIED WITH AD 72-14-08 BY INSPECTION OF HOSE ASSEMBLIES DUE EVERY 50 HRS. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTERS ON BOTH ENGINES, DUE EVERY 50 HRS. FURTHER AD COMPLIANCE CAN BE FOUND IN AIRCRAFT RECORDS. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION. Johnson AWP507881217
8 OCT 99	HOBBS	3592.5	REPLACED FULL FLOW GAGE P/N C662007-0402 OPS CHECK NORMAL NO LEAKS. Johnson AWP507881217

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25 OCT 99	HOBBS	3627	COMPLIED WITH AD 72-14-08 BY INSPECTION OF HOSES DUE EVERY 50 HRS. <i>Johnston</i> AWP507981217
16 OCT 99	HOBBS	3627 ⁹	REPLACED RH ALTERNATOR WITH P/N ALU8402 S/N A113347. OPS CHECK NORMAL. <i>Johnston</i> AWP507981217
10-28-99	HOBBS	3630 ^e	REPLACE RT MIXTURE CABLE P/N 0856263-10 USED CABLE. <i>Johnston</i> AWP507981217
2 DEC 99	HOBBS	3674	TOTAL TIME 7169 ¹⁹ PERFORMED 100 HR IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. SERVICED BATTERY, TIRES AND BRAKES. REPLACED RH ALTERNATOR MOUNT P/N 635127. REPLACED LT GEAR MICROSWITCH P/N 15E1-3 AND RIGGED. REPLACED LT MIXTURE CONTROL ROD END. JACKED AIRCRAFT AND SWUNG GEAR. COMPLIED WITH AD 72-14-08 BY INSPECTING OIL AND FUEL LINES DUE EVERY 50 HRS. COMPLIED WITH AD 96-12-22 BY INSPECTING BOTH OIL FILTER ADAPTERS. FURTHER AD COMPLIANCE CAN BE FOUND IN AIRCRAFT RECORDS. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION. <i>Johnston</i> AWP507981217

Run In (if required)
Overhauled

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24 JAN 00	HOBBS	3729	COMPLIED WITH AD 72-14-08 BY INSPECTING AND PRESSURIZING HOSES DUE EVERY 50 HRS. Johnston AWP 507981217
31 JAN 00	HOBBS	3732	REVEALED LT STRUT WITH ALL NEW O-RINGS. SERVICED WITH FLUID AND AIR. Johnston AWP 507981217
7 MAR 00	HOBBS	3777	TOTAL TIME 7272 ¹⁹ PERFORMED ANNUAL INSPECTION IN ACCORDANCE WITH FAR PART 43 APPENDIX D BY USING A CHECKLIST. SERVICED BATTERY, TIRES AND BRAKES. REPLACED LT BRAKE LINGS P/N 66-33. REPLACED RT BRAKE DISC P/N 164-14. ROTATED RT MAIN TIRE. REPLACED VACUUM RELIEF GARDENS. JACKED AIRCRAFT AND TESTED GEAR FOR OPERATION AND EMERGENCY EXTENSION. COMPLIED WITH AD 72-14-08 BY PRESSURIZING AND INSPECTING HOSE ASSY. DUE EVERY 50 HRS. COMPLIED WITH AD 96-12-22 BY INSPECTING OIL FILTER ADAPTERS, DUE EVERY 50 HRS. CHECKED OVERALL CONDITION AND OPERATION. I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND IS FOUND TO BE IN AIRWORTHY CONDITION. TESTED ELT UNIT FOR OPERATION PER 91-207d BATTERIES DUE JUN 2000. Johnston AWP 507981217A

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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18 APR 00	HOBBS	3838	COMPLIED WITH AD 72-14-08 BY INSPECTING
FLEXIBLE HOSE ASSEMBLIES DUE EVERY 50 HRS.			
			John Doe AP5078817
9 JUL 00	Hobbs	3870 ²²	Total time in service 7365.46
Performed 100 hr inspection IAW FAR 4.3 Appendix D Using a check list opened Airframe and inspected Serviced tires wheels and brakes Lubricated pulleys hinges and Bell cranks Replaced Vacuum relief Gaskets Cycled gear and checked fan operation found to be satisfactory all A.D. compliance can be found in the aircraft records I certify this aircraft has been inspected IAW a 100 hr inspection and is found to be in airworthy condition			Brian E Picheval AP 524152466
6-15-00	Hobbs	3876.6	Rem'd Avionics Heater and Replaced with
Heater	Hobbs	866	new heated unit ops checked OK.
See yellow tag.			J Harris IA52402284

DATE 06 / 14 / 00

RETURN TO SERVICE

The aircraft component identified below was repaired and inspected in accordance with current federal air regulations and was found airworthy for return to service. Pertinent details of the repair on file at this agency under work order #

345 INV. 20476

AUTHORIZATION - FAA CERTIFIED REPAIR STATION # L03R014N

SIGNED: *[Signature]*

COMBUSTION HEATER

MAJOR OVERHAUL, NEW DURACOAT COMBUSTION TUBE, NEW PARTS AS REQUIRED

ROUTINE OVERHAUL, NEW PARTS AS REQUIRED EXCEPT COMBUSTION TUBE

REPAIRED COMBUSTION HEATER

ACCESSORIES

NEW REPAIR OVERHAULED

AD 96-20-07 JANITROL AD 81-09-09 SOUTH WIND

OTHER

MANUFACTURED BY JANITROL

MODEL NUMBER B3040

PART NUMBER 96C62-1

SERIAL NUMBER 11681713

C&D ASSOCIATES, INC.
Comb. Heater Service Test Equipment
302 Post Road, Buchanan, MI 49107
616-695-7469

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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28 Sept 00	Hobbs	3939.6	Complied with AD 72-14-08 by pressurizing and inspecting flexible hoses due every 60hrs. Jason Yokeley A&P 246410450
Air West Flight Center Inc. Longmont Colorado			
N222AW 10/10/00 Hobbs: 3946.4			
Removed and replaced Exhaust Gas Temp. Gage. Installed P/N 205-18A S/N 58587.			
Jason Yokeley Jason Yokeley A&P 246410450			
09-25-00	Hobbs	3937.8	N222AW
<p>Repaired LH wing: Repaired rib web at station 57.50 and Replaced upper and lower rib angles at station 57.50. Installed Cessna Service Kit SK414-8E to rib at station 57.50.</p> <p>Repaired landing gear: Resealed LH & RH brake calipers. Replaced RH brake pads. Repacked LH & RH wheel bearings. Bled brake system. Replaced LH & RH torque link bushings, pins, and bolts. Replaced LH main torque tube. Replaced LH torque tube retract bolt. Replaced LH down lock bellcrank, bushings, and bolts. Replaced upper down lock drag brace casting. Checked LH main landing gear down lock tension and inboard gear door tension. RH main gear and nose gear rigging not disturbed. Checked main landing gear alignment. Repaired LH inboard augments tube liner. Note: Service kit SK414-8E previously complied with on RH wing.</p> <p>This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.</p> <p>LIMITED TO THE WORK PERFORMED Pertinent details on file at Beegles Aircraft Service, Inc., Greeley, CO. Work Order # 9039 CRS BX4R092M</p>			
Signed			<u>Scott U. Mann</u>

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7-31-01		4033.9	Installed O/H Eng 512 170147-9-4-R on right hand position. This AIC Jack Turrel A P 2003774
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Air West Flight Center Inc.
Longmont Colorado

N222AW 02/23/2001 Hobbs. 4049.9

Removed and replaced right alternator. Removed alternator P/N ALV-8402 S/N 113347, installed overhauled alternator P/N ALV-8402 S/N 14X000052.

Jason Yokeley
Jason Yokeley A&P 246410450

5 June 2001 Hobbs reads 4067560¹⁹ hours. Perform with FAR 43 appendix B3-5-1 vacuum filters @ station - 27.25, 2e in fuel strainer/selector vacuum filter. Fabric bay from 2024-T3 in original position. air cleaner ends part installed used service valve assembly part found satisfactory as per §B107A. Secured wiring, fluid lines and hoses as required thruout airframe and engine compartments. Replaced fasteners and nuts as required engine exhaust components. lubed rod ends, hinges, pulleys, bellcranks, engine controls (cont)

UNITED STATES		FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		3. SYSTEM TRACKING REF. NO. 15752	
4. ORGANIZATION CESSNA AIRCRAFT COMPANY CESSNA PARTS DISTRIBUTION DEPT. 702 5800 E. PAWNEE, WICHITA, KS 67218		5. WORK ORDER, CONTRACT OR INVOICE NUMBER 4953			
6. ITEM	DESCRIPTION	PART NUMBER	ELIGIBILITY*	10. QTY	11. SERIAL/BATCH NO.
1	BULKHEAD	0813022-5	TBV BY IN1 STALLER	N/A	New
13. REMARKS AIRWORTHINESS APPROVAL - PARTS IF FORM IS NOT AN EXPORT APPROVAL.					
LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW					
14. NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/>		19. Return to Service in Accordance with FAR 43.9			
15. SIGNATURE <i>Marilyn Lipps</i>		16. FAA AUTHORIZATION NO. PC4		20. AUTHORIZED SIGNATURE	
17. NAME (TYPED OR PRINTED) MARILYN LIPPS DOA		18. DATE 01 10 2001		21. CERTIFICATE	
22. NAME (TYPE OR PRINTED)		23. DATE			



Air Filter
Next Change _____ Hrs.
Changed at: 4065 Hrs.
Date: 8-22

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3/31/01	40339		Installed O/H Eng S/N 170147-9-4-R on Right hand Position This AIC Jack Turrel A P 2003774
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Air West Flight Center Inc.
Longmont Colorado

N222AW 02/23/2001 Hobbs. 4049.9

Removed and replaced right alternator. Removed alternator P/N ALV-8402 S/N 113347, installed overhauled alternator P/N ALV-8402 S/N 14X000052.

Jason Yokeley A&P 246410450

5 June 2001			Hobbs reads 4065 ⁰ hours Total time in service 7560 ⁹ hours. Performed annual inspection in accordance with FAR 43 appendix D using a checklist. Installed new, B3-5-1 vacuum filters, 0813022-6 bulkhead, 0813022-5 bulkhead @ station - 27.25, 2 each 5619 static wicks, B3-11-1 gaskets in fuel strainer/selector valves, RA09-14-5 central vacuum filter. Fabricated new O ₂ bottle shelf in avionics bay from 2024-T3 .032 stock and relocated components in original positions. Installed used serviceable engine aircleaner ends part #'s 0850344-62 and 0850344-61, installed used serviceable Sanitrol fuel regulator/shut off valve assembly part # C291501-0101, operational check found satisfactory as per \$B107A. Secured wiring, fluid lines and hoses as required thruout airframe and engine compartments. Replaced fasteners and nuts as required engine exhaust agumenters. Lubed rod ends, hinges, pulleys, bellcranks, engine controls (cont)
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RAPCO
REPLACEMENT AIRCRAFT PARTS CO.
HARTLAND, WI MADE IN USA

Air Filter

Next Change _____ Hrs.

Changed at _____ Hrs.
Date 2.22

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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(cont)			Flight controls, torque links. Serviced batteries, Fuel screens, fuel sumps, oleo struts, O ₂ bottle to 1800 PSF and operational checked, serviced brakes, tires. Jacked aircraft and performed retraction and emergency extension checks found satisfactory. EHT operational checks per FAR 91.207 (d) found satisfactory, battery due replacement June 2002 Complied with AD 72-14-08 ^{RI} by pressure test and inspection due each 60 hours, AD 96-12-22 by inspection and leak check due each 50 hours or filter change, AD 2001-05-01 by replacement of regulator/shutoff valve, AD 98-21-21 ^{RI} is N/A and AD 98-14-03 by inspection. Further AD compliance may be found in the aircraft records. This aircraft was determined to be in unairworthy condition and a list of discrepancies was provided to the owner. <i>D. D. D. 525884251PA</i>

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DATE	TOTAL TIME IN SERVICE	Hobbs FACTOR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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10-31-01	75660	4065.9	<p>Replaced Rivets Holding left gear Door Hinge to wing. Replaced Rivets in left gear skin to trimmer. Replaced RT outer gear Door Hinge half. Replaced the following skins around RT gear door: SKIN 0851000-144, SKIN-0822000-5, SKIN-0822000-23. Replaced former PN-0851000-200, and former 0851000-104. Replaced gear fitting PN-0822724-10 with serviceable unit. Regard gear per Cessna Service manual. Removed RT Jambard Flap to make repairs to Rear inboard Spar Cap PN-0822600-40 as per Instructions From Jim Callahan DER Repair CAS-TCT03 Pl 3.1 ^{3.2} 3.1 Dated 9-07-01, and Statement of Compliance Dated 11-Sep-01. See 337's for repairs this date. New skins painted. Aircraft Test Flown after Retraction Tests.</p> <p style="text-align: right;">L Harris JA524022841</p>
<p>2 November 2001 Hobbs reads 4065² Nose gear tire replaced with new 6.00x6 Goodyear Flight Custom, main gear tires replaced with 6.50x10 Michelin both sides. Wheelbearings cleaned, inspected and serviced. Tire work completes repairs on discrepancy list per reference to mainworthy entry dated 5 June 2001</p>			<div style="border: 1px solid black; padding: 5px;"> <p>"I certify this aircraft has been inspected in accordance with annual inspection and was determined to be in airworthy condition"</p> <p>Date <u>2 Nov 01</u> Tax Time <u>4065.9</u> Hobbs</p> <p>Signature <u>L Harris</u></p> <p>A&P <u>523 884251 JA</u></p> </div>

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Air West Flight Center Inc.

Longmont Colorado

Date: 04-04-2002 Hobbs: 4182.2 TT: 7677.39 N222AW

Performed a 100 Hour Inspection in accordance with FAR 43 Appendix (D) by using a checklist. Serviced battery, brake reservoirs, greased landing gear, lubed flight controls and inspected fuel screens. Jacked aircraft and cycled landing gear, performed emergency gear extension. Performed ELT functional/ visual inspection in accordance with FAR 91.207 (d). Replaced both vacuum relief filters. Replaced all spark plugs on left engine. Complied with AD 72-14-08 Flexible Hose Assemblies, no defects noted. Complied with AD 96-12-22 Oil Filter Adapters, no defects noted. Further AD compliance may be found in the aircraft records. I certify that this aircraft has been inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

Jason Yokeley
Jason Yokeley
AP246410450

7-18-02 4261 100hr Insp C/A IAW 43 Appendix

'D' Serviced BATTERY Installed

Shelf-Life Haz-Mat

New MAIN TOWERS Brake Linings

Receipt: 177863 222AW and Part 'O' AIRS

Exp. Date: JUL 2004

Replaced ELT Battery Due July 2004

Performed ELT Test IAW FAR 91.207 (D)

I certify this AIRCRAFT
has been inspected in accordance
with 100hr Inspection and
was determined to be in airworthy
condition.
Date 7-18-02 ac Time 4261
Signature [Signature]
A&P 2682774

10-2-02 7859.4 ^{4364.2} ~~4396.2~~

I certify that this aircraft has been inspected IAW a 100 hr inspection and was found to be in an airworthy condition. Complied with AD 72-14-08 Flex hose assys / CW AD 96-12-22 Oil Filter adapters. Replaced bushings in both MLG Torque links & side braces. Replaced nose gear fuel door




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			hinge, clevis pin, lubed gear and performed retraction test. Replaced right aileron outboard hinge bearing. Lubricated flight controls. Checked exterior lighting for operation. AIRCRAFT IS APPROVED FOR SERVICE <i>[Signature]</i> AP56118814
			<div style="border: 1px solid black; padding: 5px;"> <p>I certify this AIRPLANE has been inspected in accordance with AN ANNUAL inspection and was determined to be in airworthy condition. TAC 4364.2 Date 10/02/02 Tot Time 4396.2 Signature <u>Melvin M. Matton</u> AIP 432909442 (FA)</p> </div>
			<p style="text-align: center;">Air West Flight Center Inc. Longmont Colorado 14605 4372.0 Date: 12-17-2002 Hobbs: 72.0 N222AW</p> <p>Removed and replaced alternator with repaired unit, P/N ALV-8402, S/N 14X000052. Repaired by Quality Aircraft Accessories INC. under work order # 13402. Operational check ok.</p> <p style="text-align: right;"><i>Cory West</i> Cory West AP520131397</p>
35 July 03	7905.0	0000.2	1 INSTALL NEW HOBBS MGTOR - OLD MGTOR 4409.8 READ 4065.0 - NEW READS 0000.2 <i>[Signature]</i> AP2052200

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24 OCT 03	7938.8	34.0	TACK AIRCRAFT - CK NORMAL & EMERGENCY GEAR OPERATION, Replace Seissor Bushings w RH MAJ GEAR - Replace Loose & Missing Rivets AFT of RH Wheel Well - Replace TRUNNION PINS & FWD BEARINGS ON RH MAJ GEAR Remove O ₂ BOTTLE For HYDROSTATIC TEST & REINSTALL WITH TEST DATE OF 10-03 AD 96-20-7 Clw By Heater Decay TEST - HEATER HOSES READS 952.8 AD 2001-17-13 HEATER FUEL VALVE P/C/W 4 JUNE 01 BY VALVE REPLACEMENT AD 96-12-22 Clw by oil FILTER ADAPTOR INSPECTED OK AD 72-14-8 ²¹ FLEX HOSE Assys INSPECTED OK LOG GEAR & FLIGHT CONTROL SYSTEMS
			<div style="border: 1px solid red; padding: 5px;"> <p>"I certify this Aircraft..... has been inspected in accordance with ANNUAL..... Inspection and was determined to be in airworthy condition" TT Aircraft 7938.8 Date 24 Oct 03 Tach Time 34.0 Signature  A&P 20522005</p> </div>
12 MAR 04	51.1		INSTALL ACK MODEL A-30.4 s/n 88882 ON LEFT SIDE OF CONSOLE PER MPG MANUAL A30M REVISION 03 - WT. CHARGE DEG. PLUMBED TO STATIC SYSTEM AT RATE OF CLIMB. SEE STATIC CK THIS DATE IN AIRCRAFT LOG  A&P 2052200
AUG 17-04	63.0		Replaced ELT Battery with P/N 00-30-006. Battery next due Oct 2006, Operational check OK.
			 A&P 2782352

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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13 Sept 01	7969.8	65.6	Replace 1 G-25 BATTERY WITH NEW ✓ G02124603 AQP 2052200
11 JAN 05	8007.0	71.2 37.2	Aircraft inspected in accordance with FAR Part 43 Appendix D AND AN AIRCRAFT CHECK LIST FOR ANNUAL INSPECTION - ELT INSPECTED IN ACCORDANCE WITH FAR 91.207 D GIL - ELT BATTERY EXPIRES OCT 06 - JACK AIRCRAFT - CHECK NORMAL & EMERGENCY OPERATIONS - WIRE LANDING GEAR, FLIGHT CONTROL SYSTEMS - SERVICE BRAKES, BATTERY & STRUTS AD 72-14-8 FLEX LINES clw by pressure CHECK - AD 2004-25-16 HEATOL FUEL VALVE clw by inspection HEATOL HOBBS READS 959.3

"I certify this Aircraft.....
 has been inspected in accordance
 with ANNUAL..... inspection and
 was determined to be in airworthy
 condition"
 Date 11 JAN 05 Tac Time 71.2
 Signature AQP
 A&P 2052200 AF

Air West Flight Center Inc.
 Longmont Colorado
 Date: 01-17-05 Hobbs: 71.2 N222AW
 Removed and replaced LH main tire with Condor Re-Tread 6.50X10. Inflated to 60 psi. See attached yellow tag.
 Donald P. Moloney III
 A&P 2782352

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3-10-05		Hobbs! 86.3	Removal and replace RH main tire with Condor Re-Tread G50X10. Inflated to 60 psi. See attached yellow tag. <i>[Signature]</i> AIP 2782352
2 NOV 05	8072.0	136.2	AD 2004-21-05(96-20-7) clw by Decay TEST OF HEATG, NEXT DUE Heat HOURS=1071.2 or NOV 07 whichever ever FIRST. - install new 600X6 Gply PLYING SPECIAL II ON NOSE WHEEL. PACK NOSE WHEEL BENEATH <i>[Signature]</i> AIP 2052200
2 JAN 06	8072.3	136.5	JACK AIRCRAFT - CHECK NORMAL! Emergency operation. SECURE LEFT GEAR OUTSIDE GEAR DOOR HINGE ATTACH. LUBE GEAR & FLIGHT CONTROL SYSTEM - INSPECT ECU per 91.207 OIC - ZLT BATTERY EXPIRES OCT 06 AD 96-12-22 OIL FILTER ADAPTERS INSPECTED OK. AD 2004-21-05(96-20-7) P/W - DUE HEATG HOURS 1071.2 or NOV 07 - AD 2004-25-16 R1 clw by inspection DUE EA 100 ANNUAL - AD 72-14-8 Flex Hose Assys inspected OK
			<div style="border: 1px solid black; padding: 5px;"> <p>"I certify this Aircraft..... has been inspected in accordance with <u>ANNUAL</u> inspection and was determined to be in airworthy condition" Date <u>2 JAN 06</u> Tac Time <u>136.5</u> Signature <i>[Signature]</i> A&P <u>COS 2200 AG</u></p> </div>
29 MAR 06		163.0	INSTALL SERVICEABLE AUTOPILOT CONTROL HEAD C-5208 P/L 35670-1028 OPS OK OK <i>[Signature]</i> AIP 2052200

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21 Sept 06		190.6	install ① G-25 BATTERY s/o G02251523 A&P 2052200
27 Oct 06		198.1	Installed new ELT battery— Expires OCT '08 Tested I.A.W. 91.207 Orion Fallon AP3077897
11/2/06		199.0	Fastened in place: pilot side panel, pilot side forward seat skirt; glued "Use main tanks" placard and "T.O. and land w/aux pumps low" placard in place, epoxied flap switch lever to clear switch body Orion Fallon AP3077897
1 Feb 07	8149.8	214.0	INSPECT ELT Per 91.207 OK. ELT BATTERY Expires OCT 08 JACK A. ROSEFF, CHECK NORMAL & EMERGENCY GEAR OPERATION LUBE GEAR & FLIGHT CONTROL SYSTEMS, AD 2004-21-05 HEATER HEATER HOSES 1071.2 DECAY CHECK DUE NOV 07 - AD 2004-25-16 R1 HEATER Fuel Solenoid clw by inspection - AD 72-14-8 Fuel Flex LINES clw by inspection - AD 96-12-22 OIL FILTER ADAPTERS clw by inspection

"I certify this Aircraft 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 A&P 2052200 AI

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1 July 2008	Hobbs reads 217 ² hours	Total time in service 8153 ² hours	<p>Performed annual inspection in accordance with FAR 43 appendix D using a checklist. Opened airframe, lubed hinges, rod ends, pulleys, bellcranks, chains, landing gear, serviced battery, brakes, tires, fuel screens, fuel sumps, nose strut. Sacked aircraft, checked normal and emergency system operations. ELT operational checks per FAR 91.207(d) found satisfactory, battery due replacement October 2008, Oxygen bottle hydrostatic test due October 2008, Pitot/Static/Transponder checks due May 2008. Complied with AD 2004-25-16^{RI} by inspection due each 100 hours or annual, AD 2004-21-05 by inspection due each 100 hours heater time or 24 months, AD 96-12-22 by inspection due each 50 hours, AD 72-14-08^{RI} by inspection due each 60 hours, further AD compliance may be found in the aircraft records. Reassembled aircraft. Run up check leaks, systems found satisfactory. I certify this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p style="text-align: right;">Daudt Ky 523884251 IA</p>
7 October 2008	Hobbs reads 220 ² hours	Replaced ELT battery p/n BP1030	<p>Operational checks per FAR 91.207(d) found satisfactory, new battery replacement date September 2010.</p> <p style="text-align: right;">Daudt Ky 523884251 IA</p>

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MAINTENANCE
CENTURION
FORM 13
SIGNED
FOR
CENTURION
FORM 13
SIGNED
FOR
CENTURION
FORM 13
SIGNED
FOR

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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8 October 2008			Hobbs reads 0220 [±] hours. Reinstalled oxygen bottle after hydrostatic testing and serviced bottle with turators oxygen, leak checks, operational checks found satisfactory, see maintenance release form in the aircraft records Next hydrostatic test due October 2013 Daudtkey 523884251 IA
8 January 2009			Hobbs reads 0244 [±] hours. Replaced 10 each p/n 0411059-1 panel shock mounts left side (pilot) instrument panel. Installed overhauled Watham clock p/n W33-7511-10 GMT, s/n 418 Daudtkey See maintenance release in records. 523884251 IA
10 February 2009			Hobbs reads 269 [±] hours. Replaced left main tire and tube with 6.50x10 8 ply Michelin s/n 7263W/00207, replaced right main tire with 6.50x10 8 ply Michelin s/n 7202W/00522 serviced wheel bearings left and right. Daudtkey 523884251 IA
27 March 2009			Hobbs reads 274 [±] hours. Replace left side nose bulkhead p/n 0813022-5 station 27.9" due to crack Installed doubler to bulkhead p/n 0813022-6 station 27.9" right side Daudtkey 523884251 IA

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8 AUG 09	8210.7	274.8	INSPECT EMT p/c FAR 91.207 OK EMT BATT Expires Sept 2010 JACK AIRCRAFT, CHECK NORMAL & EMERGENCY OPERATIONS LUBE GEAR & FLIGHT CONTROL SYSTEMS - INSTALL NEW AUG 22-23 O ² RINGS w RIGHT BRAKE Caliper & 6 NEW 46-66 BRAKE PADS ON RIGHT BRAKE - SERVICE BRAKES, BATTERYS & CELL TESTS INSPECT HEAT FUEL SUIT OFF VALVE p/c AD 2004-25-16 OK INSPECT OIL FILTER ADAPTAS p/c AD 96-12-22 OK - INSPECT ENG P-16x LINES p/c AD 72-14-8 OK - REINSTALL CM 3301-6 AIRSPEC INDICATOR S/N 1835 AFTER Repair By TRI COUNTY INSTRUMENTS
			<div style="border: 1px solid black; padding: 5px;"> <p>"I certify this Aircraft..... has been inspected in accordance with ANNUAL..... inspection and was determined to be in airworthy condition" Date 3 AUG 09 Tac Time 274.8 Signature <i>[Signature]</i> A&P 2052200 AT</p> </div>
10 September 2010			Hobbs reads 363 ⁸ hours. Total time in service 8299 ² hours. Performed annual inspection in accordance with FAR 43 appendix D using a checklist. Opened airframe lube hinges, rod ends, pulleys, chains, landing gear. Serviced batteries, brakes, tires, fuel screens, fuel sumps. Jacked aircraft, checked normal and emergency operations. EMT battery replaced p/n BP-1030, operational checks per FAR 91.207(d) found good, next battery replacement due November 2012. O ² hydrostatic checks due October 2013 Pitot static checks next due July 2012. Complied with AD 72-14-08 by inspection, pressure leak checks due each 60 hours, AD 96-12-22 by inspection due each 50 hours or filter change, AD 2010-11-04, AD 2009-19-07, AD 2005-18-20 all found N/A. Complied with AD 2004-25-16 by (cont)

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(cont)			inspection per AD text and SB A-103 due each 100 hours or annual. Complied with AD 2004-21-05 per AD text and MOMI 24E25-1 dated October 1981 due each 100 hours or annual. Further AD compliance may be found in the aircraft records. Reassembled aircraft Replaced induction air filters p/N BA-12, vacuum relief valve filters p/N RA-B-3-5-1. Run-up check leaks, systems found good. I certify this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition. Heater Hobbs 1040 th hr <i>[Signature]</i> 523884251 IA
9 Nov 10	368.5		Install 2 new Aircraft Batteries Gill G-25 i s/n's G02523438 ; G02523675 <i>[Signature]</i> A: P 2052200
26 January 2011	Hobbs reads 376 th hours		Removed propeller assembly and reinstalled after repairs by Precision Propeller Service Inc, Greeley Colorado. See maintenance release in the aircraft records, propeller logbook. Repair included installation of a serviceable hub, s/n 685684 Run-up check leaks, operational checks found satisfactory <i>[Signature]</i> 523884251 IA

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7 October 2011			Hobbs reads 409 ⁹ hours. Total time in service 83415 ⁸ hours. Performed annual inspection in accordance with FAR 43 appendix D using a check list. Opened airframe, lubed hinges, rod ends, bellcranks, pulleys, chaus landing gear. Serviced battery, brakes, tires wheel bearings, fuel sumps, fuel screens. EHT operational checks per FAR 91.207(d) found good, battery due replacement November 2012, Oxygen bottle hydrostatic test due October 2013, Pitot/Static/Transponder checks due July 2012. Jacked aircraft and checked normal retraction, extension, and emergency down operation found normal. Complied with AD 2004-25-16 ^{R1} by pressure test and leak check per AD text due each 100 hours or annual. Complied AD 96-12-22 by inspection left and right due each 50 hours or filter change. Complied AD 72-14-08 by pressure test and leak check left and right due each 60 hours. Further AD compliance may be found in the aircraft records. Reassembled aircraft, solvent washed landing gear struts and gear wells. Run-up check leaks, systems found good. I certify this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition. Dauderly 523884751 DA

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1 NOV 12	8374.2	438.3	INSPECT ECT Per FAR 91.207 OK - ECT BATTERY Expires 11-12
<p>"I certify this AIRCRAFT has been inspected in accordance with ANNUAL Inspection and was determined to be in airworthy condition"</p> <p>Date 1 NOV 12 Tach Time 438.3</p> <p>Signature <i>[Signature]</i></p> <p>A&P 2082200 AC</p>	TACK AIRCRAFT, CHECK NORMAL; Emergency operations - LUBE		
	GEAR & FLIGHT CONTROL SYSTEMS - INSTALL NEW 600X4 6ply FUEL		
	SPECIAL ON NOSE, INSTALL NEW 6.50 X 10 8ply AIR HAWK ON		
	RT MAIN - PACK ALL WHEEL BEARINGS - INSTALL NEW O' RINGS		
	IN RT BRAKE CALIPER; INSTALL ALL NEW RA 66-33 BRAKE PADS ON		
LEFT BRAKE - INSTALL 1 NEW G.11 G-25 BATTERY S/W G02703216			
C/W AD 2004-21-5 HEATER DECA, TEST OK - DUE EA 24 mo OR 100			
HEATER HRS HEATER HOBBS READS 1050.0 - C/W HEATER FUEL VALVE			
SHUT OFF AD 2004-25-16 OK - DUE EA 100 AFT HRS OR 12 mo			
WHICH EVER FIRST - INSPECT OIL FILTER ADAPTER per AD 96-12-22 014			
INSPECT ENGINE Flex HOSES per AD 72-14-8 OK			
<p>7 November 2012 Hobbs reads 439³ hours. Replaced FLT battery using p/n BP-1030. Operational checks per FAR 91.207(d) found good. Battery due replacement January 2015</p> <p><i>[Signature]</i> A&P 3663077 JA</p>			

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