

#2

AIRCRAFT LOG

AND MAINTENANCE RECORD

N 8991W PA-28-235 SERIAL NO. 28-10571

IMPORTANT NOTICE

Dear Owner:

Federal Aviation Regulation Part 91.170 requires that the static pressure system(s) and sensitive altimeter instrument(s) be inspected every two (2) years in accordance with Part 43, Appendix E, if the aircraft is to be operated in controlled airspace under IFR.

The entry in your aircraft log lists the date on which this test was performed on your static system(s) and altimeter(s). Because these tests are accomplished during instrument and aircraft assembly, this date may be a maximum of twelve (12) months prior to the date on your Airworthiness Certificate.

Because of this difference, Cessna recommends that you retest and inspect the static system(s) and altimeter(s) at your first Annual Inspection.

In following this recommendation, a schedule will be established whereby subsequent test and inspection periods will coincide with an Annual Inspection to minimize aircraft down time.

Customer Services Department

AIRCRAFT LOG AND MAINTENANCE RECORD

N8991W

Record of	<u>Piper</u>	<u>PA-28-235</u>	<u>28-10571</u>	
	Make	Model	Serial	Certificate
With Engine				
	Make	Model	Serial	
From		19	to	19
Detailing Time From		Hours	To	Hours
Owner				
Address				

MEMORANDA OF IMPORTANT INFORMATION AND DETAILS

Enter of this page any important facts of which you need a permanent record. These should include Make, Design Number, and Serial Numbers of such major accessories and parts as: Propeller, Wheels, Radio, Instruments, Starter, Carburetor, Generator, and all other important equipment. Enter here also memoranda regarding the weights of any such special equipment; together with any other data which might be valuable at a later date.

EXCERPT FROM THE FEDERAL AVIATION REGULATIONS

NOTE

Since the following excerpt is subject to change, a periodic check of the latest FAR, Part 91 should be made to insure that adequate maintenance records are being kept.

"FAR 91.173 Aircraft and Engine Maintenance Records. The registered owner or operator shall maintain a maintenance record in a form and manner prescribed by the administrator which shall include a current and accurate record of the total time in service on the aircraft and on each engine, a record of inspections, and a record of maintenance required by Part 18 of this sub chapter. Such records shall be:

- "(a) Presented for required entries each time inspection or maintenance is accomplished on the aircraft or engine,
- "(b) Transferred to the new registered owner or operator upon disposition of the aircraft or engine involved, and
- "(c) Make available for inspection by authorized representatives of the administrator or board."

INSTRUCTIONS FOR THE USE OF THIS LOG BOOK

All required data must be entered in the proper columns regularly. The column headed REMARKS is particularly important, for in that column must be entered the following information:

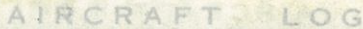
1. A record of all Line and Periodic inspections and results.
2. A record of all accidents in which the aircraft is involved, whether major or minor. All entries covering alterations or repairs to aircraft or propeller shall be endorsed by the certificated mechanic responsible for same, including his rating and certificate number.
3. A record of rigging changes; all repairs and alterations to aircraft or propeller; changes in engines or propellers; and a record of operation of both — installed, and also prior to installation.
4. When repairs or alterations to aircraft or propeller necessitate submission of FAA Form ACA 337 (Repairs and Alterations) the original of this form shall be incorporated in the back of this book, and become a part thereof; and each such incorporated form shall be noted in the REMARKS column.
5. A record of all repairs to instruments used on certificated airline aircraft.
6. Chronological listing of compliance with service bulletins, airworthiness directives, etc., including a description of the method of compliance.

MAKE ALL ENTRIES WITH PEN AND INK—MAKE NO ERASURES.

[illegible]

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

VOR Receiver operation checked in accordance with FAR 91.25				DATE		REMARKS	
Date	Bearing error	Place	Signature	19 ____		Enter here general data with reference to "Line" and "Periodic" inspections — Rigging Changes — Alterations — Repairs — Service Letters — and changes in propeller or engine — as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.	
	VOR 1	VOR 2					
PRECISION AIRCRAFT & ENGINE SERVICES, INC. <u>Date:</u> 12/10/99 <u>N Number:</u> N8991W <u>Tach:</u> - <u>Description of Work Performed:</u> Resealed parking brake cylinder, bled system. Resealed Lt. and Rt. MLG struts, serviced with Mil-H-5606 hydraulic fluid and nitrogen. Gilbert C. Schoales Jr. At [REDACTED]							



Date: 09/06/00 **N Number:** N8991W

Tach: 1532.25 **TT Aircraft:** 1532.25

SIGNATURE OF PILOT

Description of Work Performed:

Performed a 100 Hour inspection of aircraft in accordance with FAR Part 43, appendix D. Cleaned, inspected and lubed all aircraft components. Checked ELT for proper operation in accordance with FAR §1.207. Battery expires March of 2005. Serviced brakes, tires, and battery. Disassembled nose strut, cleaned and inspected, reassembled with new o-rings and seals, serviced with fluid and nitrogen. Installed new tubes in all tires, wheel bearings cleaned and repacked. Lt and Rt. fuel tanks removed, new hoses installed vent and fuel. wing spare cleaned and inspected, corrosion treatment applied. New nut plate strips installed for tank installation. Installed new Lt. and Rt. side windows. Installed Aero Fabricators shoulder harness and seat belt assemblies on all seats see form 337 for details. AD69-22-02R2 Eff. 09/07/70 C/W per AD para., (A), (B.1). AD70-26-04R2 Eff. 06/24/71 C/W per AD inspection of stab balance weight tube. AD76-07-12 Eff. 08/30/77 C/W per AD operational check of bendix mag. switch. AD 78-23-01 Eff. 11/01/78 C/W per AD para., (B). AD'S reviewed and C/W up to this date, see Aircraft records for compliance times. Dressed, inspected and painted propeller and returned aircraft to service.

I certify that this aircraft has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition.

Gilbert C. Schoales Jr. AP

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

[illegible]

[illegible]

VOR Receiver operation checked in accordance with FAR 91.25			DATE	REMARKS
Date	Bearing error	Place	Signature	
2002	VOR 1	VOR 2		
5-10-02				Track Time 103.5 Hrs. This is to certify that A/C Altimeter PN 671C P-17-017, SN: AF49-3664 was Removed and Repaired and Certified to 20,000 Ft V/W FAR 91.411 & 43 app E by Centennial Instruments Inc on there W/O No 2129 dtd 5-6-02. A/C's Encoder ACU A30 SN 64086 was Re Calibrated V/W FAR 91.217b and both units Re installed. See W/O 5659 dtd 5/10/02. A Static System Inspection and Leak test was performed and a Mode C Concentration was Verified by Transponder Re Certification Test V/W FAR 91.413 & 43. W/O # 5659 dtd 5/10/02 for details
5-10-2				Track Time 103.5 Hrs Total Time 1652.74 Hrs Transponder Test & Inspection performed by FAR 91. were performed on date: 10 May 2002 by: King, KT-76A, 122963 found to comply with FAR 43, appendix F results of this inspection and test are on file at station on W/O # 5659

AIRCRAFT LOG

DATE	FLIGHT	TO	NATURE OF	DURATION OF	ACCUMULATED TOTAL FLYING TIME	SIGNATURE OF PILOT
19						
 Date: 04/12/03 N Number: N8991W Tach: 132.00 TT Aircraft: 1681.80 Description of Work Performed: Performed a 100 Hour inspection of aircraft in accordance with FAR Part 43, appendix D. Cleaned, inspected and lubed all aircraft components. Checked ELT for proper operation in accordance with FAR 91.207. Battery expires April of 2005. Serviced brakes, tires, battery and hydraulic reservoir. AD70-26-04R2 Eff.06/24/71 C/W per AD inspection of stab balance weight tube. AD 69-22-02R2 Eff. 09/07/70 C/W per AD para. (A), (B).-1. AD 76-07-12 Eff. 08/30/77 C/W per AD functional check of mag switch. AD78-23-01 Eff. 11/01/78 C/W per AD para. (B). AD'S reviewed and C/W at this time, see Aircraft records for compliance times. Dressed, inspected and painted propeller and returned aircraft to service. I certify that this aircraft has been inspected in accordance with an Annual inspection and has been determined to be in airworthy condition. Gilbert C. Schoales Jr. AF						
CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE						

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25				DATE 19 ____	REMARKS Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.
Date	Bearing error VOR 1 VOR 2	Place	Signature		
October 17 2003	0163.6 hours			Installed KVAR RX-170B NAVAID with KI-209A Indicator + KN-73 G/S design Receiver. Aircrafts Equipment List has been updated + a New Weight + Balance prepared + entered here + on 337 dated 10-17-2003.	
				New Weight + Balance:	
				Empty Weight: 1515.63	
				Empty wt CG: 83.58	
				Moment: 126,673.77	
				Useful load: 1384.37	
				CAS [redacted] MAST-Comm Nomics [redacted]	

AIRCRAFT LOG

DA

19



Date: 12/30/03 N Number: N8991W

Tach: 167.7

Description of Work Performed:

Removed carburetor and LH exhaust header and muffler. Installed repaired carburetor P/N10-4404 S/N R74225, and new LH exhaust header and muffler. Ran engine to check operation, operational check good.

Simon J. Rubino A

SIGNATURE OF
PILOT

ARAPAHOE AERO

ENGLEWOOD, COLORADO 80112

N8991W

Piper

PA28-235

S/N: 10571

Airframe Log Entry

28 May 2004

Tach:

Inspect nose landing gear and steering system. Adjusted nose steering as required.

Scott L. Utz

w/o 20768

CARRY F

AIRCRAFT LOG

REMARKS

VOR Receiver operation checked
in accordance with FAR 91.25

DATE

Date

Bearing error

Place

Signature

VOR 1 VOR 2

19

Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

6 FEB 2004

TACH 171.9 HRS

WEST-COMM FAA CDS

Englewood, CO 80112

This is to Certify that a Correspondence Test/Chk. was performed with A/C altimeter Kollsman P/N C71CPI-017, SN AF49-3664 and wooden ACK, A-30 SN C4086 i/a/w FAR 91.217 (b). Static system tested to 6700 ft with leakage less than 80 A/min. See work order number 5940 d/d 6 FEB 2004.

7/20/04

TACH: 232.3

TACH: 1772.1

ANNUAL INSPECTION COMPLETED IN ACCORDANCE WITH FAR 43 APPENDIX D.

ELT FAR 91.207 (d) ELT FUNCTIONAL TEST.

AD 76-07-12 IGN. SWITCH, AD

69-22-02 R2 CONTROL LIGHTER. AD 78-23-01

FUEL DRAIN LEVER I/O @ TACH: 232.0.

REPLACED WING LIGHT BULB. CLEANED

CONTACTS @ BEACON BULBS. REPLACED

LHR COWL BUSHINGS P/N C469790-000.

REPLACED VACUUM REG. FILTER P/N

DATE	FLIGHT FROM	TO	NATURE OF FLIGHT	DURATION OF FLIGHT	ACCUMULATED TOTAL FLYING TIME		SIGNATURE OF PILOT
					HOURS	10THS	
19							
	ANNUAL CONT.	B3-S-1.	REPLACED	INDUCTION AIR			
		FILTER PIN BA 10	RESEALED LH				
		BRAKE CALIPER PIN	M28725-222. BLED				
		BRAKE SYSTEM.	INSTALLED MISSING PLACARDS.				
		SERVICED TIRES & BATTERY	LUBED AIR-FRAME.				
			I certify that this AIRCRAFT				
			has been inspected in accordance				
			with a <u>Annual</u> inspection and				
			was determined to be in an				
			airworthy				
			Name _____				
			Number _____				

I certify that this ALBERT
has been inspected in accordance
with a AD-114 inspection and
was determined to be in an
airworthy
Name [REDACTED]
Number [REDACTED]

ENGLEWOOD, COLORADO 80112

10 September 2004 Tach: 232.80

Removed, cleaned, inspected, reassembled using new o-ring seals, and reinstalled engine primer assembly. Primer checked for leakage and operation-no defects noted.

L. John Wells [REDACTED] w/o: 21157

CARRY FC

VOR Receiver of in accordance wi		Date		Bearing error	
VOR 1		VOR 2			
ARAPAHOE AERO Letters - G BOOK."					
████████████████████ INGLEWOOD, COLORADO 80112 ████████████████████					
N8991W		Piper		PA28-235	
17 December 2004		Tach: 244.80		S/N: 10571	
Airframe Log Entry					
Adjusted stabilator trim cable tension to Piper specifications and safetied turn buckles. Lubricated trim system as required and verified trim travel and settings-operation check satisfactory. Repaired windscreen defrost system by repositioning screw type hose clamp at defrost valve-operation check of valve satisf					
Scott L. Utz A&P				w/o: 21496	
ARAPAHOE AERO Letters - G BOOK."					
████████████████████ INGLEWOOD, COLORADO 80112 ████████████████████					
N8991W		Piper		PA28-235	
3 May 2005		Tach: 253.5		S/N: 10571	
Airframe Log Entry					
Removed alternator due to fault in the field circuit. Installed an overhauled exchange unit P/N: 2098615, S/N: A504062 from Aerotech w/o number 76859. Removed the aircraft battery. Serviced, charged and reinstalled. Installed a new left fuel transmitter gasket and leak checked. Cleaned fuel stains from the lower left wing.					
Scott L. Utz				w/o 21935	

Letters —
G BOOK."

DATE

19

MIDWEST AIRCRAFT SERVICES, INC. - Newton City-County Airport - Newton, Kansas

08-03-05 N8991W, Piper PA28-235, S/N 28-10571

McCauley IP235PFA-8069, S/N P2201 Prop Total Time: 1822.1 hrs

Tach Time: 272.3 hrs + 1549.8 hrs = A/C Total Time: 1822.1 hrs

Jacked aircraft, packed wheel bearings, greased landing gear zerks, replaced left wheel bearing and race in nose wheel, replaced inboard bearing and race in right main wheel. C/W AD#69-22-02R2 dated 07-30-79 by inspection of co-pilot's control wheel. C/W AD#76-07-12 dated 08-30-77 by operational check of ignition switch. C/W AD#78-23-01 dated 11-03-78 by installing Piper Kit 763-883, fuel lever cover. ELT operational checked and tested as per FAR 91.207(d). Replaced ELT batteries with new Duracell MN1300 dated March 2011.

I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was approved for return to service in an airworthy condition.

Midwest Aircraft Services, Inc.

Newton, KS 67114

2-23-06 N8991W Piper Pa 28-235 s/n 28-10571

Tach: 352.5 Replaced tail rotating beacon with Whelen strobe model HRCFA-14/28

P/n 01-0770029-29 s/n 30785 in accordance with STC SA615EA. Weight change

Negligible.

SIGNATURE OF
PILOT

Midwest Aircraft Services, Inc.

Newton, KS 67114

5-9-06 N8991W Piper Pa 28-235 s/n 28-10571 airframe entry

Tach: 370.7 Replaced left main tire with new Airhawk 6.00-6 6PR.

MIDWEST AIRCRAFT SERVICES, INC. - Newton City-County Airport - Newton, Kansas

09-01-06 N8991W, Piper PA28-235, S/N 28-10571

McCauley IP235PFA-8069, S/N P2201 Prop Total Time: 1940.7 hrs

Tach Time: 390.9 hrs A/C Total Time: 1940.7 hrs

Jacked aircraft, packed wheel bearings, greased landing gear zerks. ELT operational checked and tested as per FAR 91.207(d). ELT batteries due by 2011. Removed and reinstalled left inboard fuel tank to facilitate sending unit gasket replacement. C/W AD#69-22-02R2 dated 07-30-79 by inspection of co-pilot's control wheel. C/W AD#76-07-12 dated 08-30-77 by operational check of ignition switch. C/W AD#78-23-01 dated 11-03-78 by inspection and operational check of fuel drain lever door. C/W AD#72-08-06 dated 04-14-72 by dye penetrant inspection of left and right main gear torque links. C/W AD#70-26-04R2 dated 06-24-71 by installing a new Piper P/N 69623-02V heavy torque tube as per Piper SL576 and SB327, this action makes this AD no longer applicable. Replaced right nav light bulb with new.

I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was approved for return to service in an airworthy condition.

[illegible]

MIDWEST AIRCRAFT SERVICES, INC. – Newton City-County Airport – Newton Kansas

10-24-07 N8991W Piper PA28-235, S/N 28-10571

McCauley IP235PFA-8069, S/N P2201 Prop Total Time: 1997.7 hrs

Tach Time: 447.9 hrs A/C Total Time: 1997.7 hrs

Jacked aircraft, packed wheel bearings, greased landing gear zerks. ELT operational checked and tested as per FAR 91.207(d). ELT batteries due by 2011. Replaced all brake linings with new P/N 66-105. Drained right wing tip fuel tank; replaced sending unit gasket refilled with fuel, checked ok. C/W AD#69-22-02 dated 07-30-79 by inspection of co-pilot's control wheel due reinspection by 2097.0 hrs. C/W AD#78-23-01 dated 11-03-78 by inspection and operational check of fuel drain lever door, checked ok due reinspection by 2097.0 hrs. C/W AD#95-26-13 dated 02-05-96 by visual and flexibility, checked ok due by 2097.0 hrs.

I certify that this aircraft has been inspected in accordance with an **ANNUAL** inspection and was approved for return to service in an airworthy condition.

digging Changes - Alterations - Repairs - Service Letters -
the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." and
certificate number must be shown.

MIDWEST AIRCRAFT SERVICES, INC. – Newton City-County Airport – Newton Kansas

12-08-08 N8991W Piper PA28-235, S/N 28-10571

McCauley IP235PFA-8069, S/N P2201 Prop Total Time: 2059.2 hrs

Tach Time: 509.4 hrs A/C Total Time: 2059.2 hrs

Jacked aircraft, packed wheel bearings, greased landing gear zerks. ELT operational checked and tested as per FAR 91.207(d). ELT batteries due by March 2011. C/W AD#69-22-02 dated 07-30-79 by inspection of co-pilot's control wheel due reinspection by 2159.2.0 hrs. C/W AD#78-23-01 dated 11-03-78 by inspection and operational check of fuel drain lever door, checked ok due reinspection by 2159.2 hrs. C/W AD#95-26-13 dated 02-05-96 by visual and flexibility, checked ok due reinspection by 2159.2 hrs due replacement by 08-09 or by 2589.0 hrs.

I certify that this aircraft has been inspected in accordance with an
ANNUAL inspection and was approved for return to service in an
airworthy condition.

SIGNATURE OF
PILOT

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

MIDWEST AIRCRAFT SERVICES, INC. – Newton City-County Airport – Newton Kansas

01-21-10 N8991W Piper PA28-235, S/N 28-10571

McCauley IP235PFA-8069, S/N P2201 Prop Total Time: 2086.5 hrs

Tach Time: 536.7 hrs A/C Total Time: 2086.5 hrs

Jacked aircraft, packed wheel bearings, greased landing gear zerks. ELT operational checked and tested as per 91.207(d). ELT batteries due replacement by March 2011. C/W AD#69-22-02 dated 07-30-79 by inspection of co-pilot's control wheel, due reinspection by 2186.5 hrs. C/W AD#78-23-01 dated 11-03-78 by inspection and operational check of fuel drain lever door, checked ok due reinspection by 2186.5 hrs. Replaced right main gear tire with new Air Hawk 6.00x6x6ply, S/N AB3E42809. C/W AD#95-26-13 dated 02-05-96 by visual inspection and checked flexibility of oil cooler hoses, checked ok, due reinspection by 2186.5 hours. Removed and replaced left and right tip tank sump drain with new P/N CA110.

I certify that this aircraft has been inspected in accordance with an
ANNUAL inspection and was approved for return to service in an
airworthy condition.

MIDWEST AIRCRAFT SERVICES, INC. – Newton City-County Airport – Newton Kansas

09-21-10 N8991W Piper PA28-235, S/N 28-10571

Tach Time and A/C Total Time: 2111.3 hrs

Removed Tachometer Mitchell P/N D1-112-5023, S/N 16536 with 561.5 hours showing on it, installed new Horizon Instruments Model P/N P-1000 Electronic Digital Engine Tachometer, S/N 1038103 as per FAA STC SA#5842NM and as per installation and instruction manual #P103050 Revision E. This new Tach set to A/C Total Time to 2111.3 hours. Weight and Balance change negligible.

ng Changes – Alterations – Repairs – Service Letters –
eading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK."
certificate number must be shown.

522.3 hrs. 5 mo

MIDWEST AIRCRAFT SERVICES, INC. - Newton City-County Airport - Newton, Kansas

12-10-10 N8991W Piper Pa 28-235 s/n 28-10571 airframe log entry

Tach: 2112.25 Replaced aircraft battery with new Gill G35 s/n G02544415.

SIGNATURE OF
PILOT

MIDWEST AIRCRAFT SERVICES, INC. - Newton City-County Airport - Newton Kansas

04-01-11 N8991W Piper PA28-235, S/N 28-10571

McCauley IP235PFA-8069, S/N P2201 Prop Total Time: 2120.97 hrs

Tach and A/C Total Time: 2120.97 hrs

Jacked aircraft, packed wheel bearings, greased landing gear zerks. ELT operational checked and tested as per 91.207(d). ELT batteries replaced with new P/N MN1300 due replacement by March 2017. C/W AD#69-22-02 dated 07-30-79 by inspection of co-pilot's control wheel, due reinspection by 2220.97 hrs. C/W AD#78-23-01 dated 11-03-78 by inspection and operational check of fuel drain lever door, checked ok, due reinspection by 2220.97 hrs. C/W AD#10-15-10 dated 08-31-10 by inspection as per Piper SB1197A, no discrepancies noted, no further action due. C/W AD#95-26-13 dated 02-05-96 by visual inspection and checked flexibility of oil cooler hoses, checked ok, due reinspection by 2220.97 hours. Removed and reinstalled nose steering horn to facilitate replacement of roll pin.

I certify that this aircraft has been inspected in accordance with an
ANNUAL inspection and was approved for return to service in an

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE

AIRCRAFT LOG

MIDWEST AIRCRAFT SERVICES, INC. - Newton City-County Airport - Newton Kansas

05-20-11 N8991W Piper PA28-235, S/N 28-10571

Tach Time: 2122.80 hrs

Replaced vacuum pump with a new unit P/N RAP215CC, S/N A42636 from Rapco, Inc., their PO#76510-5003. Replaced central air filter P/N AAD9-18-1 and regulator filter P/N B3-5-1.

Ground run up and checked ok.

Changes - Alterations - Repairs - Service Letters -
"INSTRUCTIONS FOR USE OF THIS LOG BOOK."
date number must be shown.

MIDWEST AIRCRAFT SERVICES, INC. - Newton City-County Airport - Newton, Kansas

7-2-12 N8991W Piper Pa 28-235 s/n 28-10571 airframe log entry

McCauley 1P235PFA-8069 s/n P2201 Prop Total: 2142.78

Tach & Total: 2142.78 Packed wheel bearings and greased gear. Inspected and tested
ELT per 91.207(d). ELT battery replacement due March 2017.

I certify that this aircraft has been inspected in accordance
with an annual inspection and was approved for return to
service in an airworthy condition.

MIDWEST AIRCRAFT SERVICES, INC. – Newton City-County Airport – Newton Kansas

07-01-13 N8991W Piper PA28-235, S/N 28-10571

McCauley IP235PFA-8069, S/N P2201 Prop Total Time: 2145.3 hrs

Tach and A/C Total Time: 2145.3 hrs

Jacked aircraft, packed wheel bearings, greased landing gear zerks. ELT operational checked and tested as per 91.207(d). ELT batteries to be replaced by March 2017.

C/W AD#78-23-01 dated 11-03-78 by inspection and operational check of fuel drain lever door, checked ok, due reinspection by 2245.3 hours.

C/W AD#95-26-13 dated 02-05-96 by visual inspection and checked flexibility of oil cooler hoses, checked ok, due reinspection by 2245.3 hours.

C/W AD#13-02-13 dated 03-11-13 by inspection of the stabilator control system as per 1 through 10 of instructions in Piper SB1245A, checked ok, this AD is due again not to exceed 2000 hours ACTT 4145.3 hours or 7 years, 08-01-2020, whichever occurs first. Dressed leading edges of propeller blades and painted backs of blades flat black.

I certify that this aircraft has been inspected in accordance with an
ANNUAL inspection and was approved for return to service in an
airworthy condition.

SIGNATURE OF
PILOT

MIDWEST AIRCRAFT SERVICES, INC. – Newton City-County Airport – Newton, Kansas

8-30-13 N8991W Piper Pa 28-235 s/n 28-10571 airframe log entry

Tach: 2147.08 Replaced aircraft battery with new Gill G35 s/n GO2788011.

MIDWEST AIRCRAFT SERVICES, INC. – Newton City-County Airport – Newton Kansas

10-01-14 N8991W Piper PA28-235, S/N 28-10571

McCauley IP235PFA-8069, S/N P2201 Prop Total Time: 2152.86hrs

Tach and A/C Total Time: 2152.86 hrs

Jacked aircraft, packed wheel bearings, greased landing gear zerks. ELT operational checked and tested as per 91.207(d). ELT batteries to be replaced by March 2017. Repaired parking brake latch mechanism.

C/W AD#78-23-01 dated 11-03-78 by inspection and operational check of fuel drain lever door, checked ok, due reinspection by 2253.0 hours.

C/W AD#95-26-13 dated 02-05-96 by visual inspection and checked flexibility of oil cooler hoses, checked ok, due reinspection by 2253.0 hours.

Dressed leading edges of propeller blades and painted backs of blades flat black.

I certify that this aircraft has been inspected in accordance with an
ANNUAL inspection and was approved for return to service in an

MIDWEST AIRCRAFT SERVICES, INC. – Newton City-County Airport – Newton Kansas

12-13-16 N8991W Piper PA28-235, S/N 28-10571

McCauley IP235PFA-8069, S/N P2201 Prop Total Time: 2165.06 hrs

Tach and A/C Total Time: 2165.06 hrs

Jacked aircraft, repacked all wheel bearings with grease, greased landing gear zerks. ELT operational checked and tested as per 91.207(d). ELT batteries replaced with new Duracell MN1300, dated Dec. 2015.

Replaced aircraft battery with new Gill G35, SN G02927880 and serviced with Gill DT-2 acid and charged. Cleaned, neutralized and repainted battery box with acid proof paint. Replaced pilot's storm vent window with new PN W1041. Dressed leading edges of propeller blades and painted backs of blades flat black.

AD's checked thru 2016-25.

I certify that this aircraft has been inspected in accordance with an
ANNUAL inspection and was approved for return to service in an

– Alterations – Repairs – Service Letters –
INSTRUCTIONS FOR USE OF THIS LOG BOOK. –
Number must be shown.

576.06 SMOH

MIDWEST AIRCRAFT SERVICES, INC. - Newton City-County Airport - Newton, Kansas

02-12-18 N8991W Piper PA28-235, SN 28-10571

McCauley IP235PFA-8069, SN P2201 Prop Total Time: 2173.3 hrs

Tach and A/C Total Time: 2173.3 hrs

Jacked aircraft, repacked all wheel bearings with grease, greased landing gear zerks. Inspected and lubed per charts. ELT operational checked and tested as per 91.207(d). ELT batteries to be replaced by Dec. 2025.

Repaired right mag P-lead. Dressed leading edges of propeller blades and painted backs of blades flat black. C/W AD#2017-14-04 dated 08-15-17 by installing 1 each PN 124F001-8CR0210/63901-26 TEF oil cooler inlet and 1 each PN 124F001-8CR0210/63901-16 TEF outlet both TSO Type D Hoses manufactured by PHT Inc., their Inv#602547 dated 02-08-18. This AD#2017-14-04 is terminated.

AD#2018-02-05 dated 02-07-2018 is not applicable to model#.

AD's checked thru 2018-03.

I certify that this aircraft has been inspected in accordance with an
ANNUAL inspection and was approved for return to service in an

MIDWEST AIRCRAFT SERVICES, INC. - Newton City-County Airport - Newton, Kansas

7-25-18 N8991W Piper Pa 28-235 s/n 28-10571 airframe log entry

Tach: 2176.24 Installed heated pitot static system per Piper Kit 757 004V. Pitot Head assembly was serviceable used p/n 69041-05, new switch p/n 454-658, and New circuit breaker p/n 454-658. 14 gauge wire used. Pitot system was pressure Checked for leaks. Static system was tested per Title 14 CFR 91.411 and para (a) Appendix E Part 43.

NATURE OF
PILOT

AIRCRAFT LOG

VOR Receiver operation checked in accordance with FAR 91.25			
Date	Bearing error	Place	Signature
	VOR 1	VOR 2	

DATE

19 ____

REMARKS

Enter here general data with reference to "Line" and "Periodic" inspections - Rigging Changes - Alterations - Repairs - Service Letters - and changes in propeller or engine - as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK." ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

THE ALTIMETER AND STATIC TESTS HAVE
BEEN PERFORMED IAW FAR 91.411. DATA
CORRESPONDENCE TEST PERFORMED. THE ALTIMETER
WAS TESTED TO 20000 FEET.
ALT: P/N 6934P-3 S/N 435263
ENC: P/N 55D120-30A S/N 57057
WO # 1177 DATE 8/23/18
BY: [REDACTED]

FOR: AIR TRONICS INC. [REDACTED]

CARRY

ALTIMETER SCALE CORRECTION CARD

Aircraft Reg. No. N8991W

Altitude S/N: 435263

ALTITUDE IN FT.	ALTIMETER READS	ALTITUDE IN FT.	ALTIMETER READS
-1000	-15	14000	-40
0	-10	16000	-20
500	-15	18000	+30
1000	-15	20000	+60
1500	-20	22000	X
2000	-16	25000	
3000	-15	30000	
4000	-15	35000	
6000	-20	40000	
8000	-35	45000	
10000	-45	50000	
12000	-50		

DATE:

TESTED BY:

8/23/18

For: AIR TRONICS INC. [REDACTED]

AIRCRAFT LOG

AIRCRAFT LOG

REMARKS

Enter here general data with reference to "Line" and "Periodic" inspections — Rigging Changes — Alterations — Repairs — Service Letters — and changes in propeller or engine — as outlined in the front of this book, under the heading, "INSTRUCTIONS FOR USE OF THIS LOG BOOK. ALL DATA must bear the endorsement of a certificated mechanic, and his rating and certificate number must be shown.

THE TRANSPONDER SYSTEM HAS BEEN
INSPECTED AND TESTED IAW FAR 91.413.
DATA CORRESPONDENCE TEST PERFORMED.
P/N ES S/N 201022
TYPE STRATUS ~~CSO~~ 1/C112 CLASS 1
WO # 1183 DATE 10/4/18
BY: [REDACTED]
FOR: AIR TRONICS INC.

DATE

FLIGHT
FROM

Air Tronics, Inc.

Emporia, KS 66801

Piper PA-28-235

28-10571

10/8/18

Tach: 2181

N8991W

Removed King KT-76A Transponder, King KX-170B, King KI-201C, RC Allen RCA-11A-8, RC Allen RCA-22-7,

Installed Appareo Stratus ES ADS-B compliant transponder and Stratus 3i.

Transponder system, In accordance with STC SA04112CH, and Appareo

installation instructions, Document No. 600840-000032, Rev 2.1, dated 2/20/18.

Installed a Garmin GNS-430W, in accordance with STC No. SA01933LA-D, with

Garmin Installation Manual 190-00356-02 Rev M, dated July, 2017, and Garmin

Master Data List 005-C0221, Rev B, dated Nov, 2006. GNS-430 was interfaced with Existing King KI-209A.

Installed Mitchell Automatic Flight System, model AK463, consisting of Century IIB

Autopilot with 1C388 Radio Coupler, per Bulletin No. 641, Rev 2, dated 1/15/80

And/or later FAA Approved revisions of the above data. The 1C388 Radio Coupler

Utilizes navigation information from either the GNS-430W or the King KX-170B.

All equipment was tested to insure that there was no Conflict with previously installed equipment. The weight and balance was updated to Reflect the change.

See form 337 this date.

New Empty Wt: 1522.13 lbs

Signed: [REDACTED]

New arm: 83.6 in.

For Air Tronics, Inc.

New useful Load: 1376.97 lbs

CR [REDACTED]

SIGNATURE OF
PILOT

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE



DATE: 26 DEC 2018

REG#: N8991W

AC SN: 28-10571

AC TACH TIME: 2204.39

Replaced nose tire and tube assy with serviceable. Serviced Nose landing gear strut. Rebuilt MLG struts and serviced. Removed fairings and updated weight and balance. Provided new copy to owner. Removed damaged line on Directional Gyro and replaced with serviceable. Bled brakes, performed ground operations. High speed taxi. No defects noted at this time.

Signature

Date: 26 DEC 2019

NATURE OF PILOT

DATE: 15 MAR 2019

REG#: N8991W

AC SN: 28-10571

AC TACH TIME: 2207.11

ACTT: 2207.11

Complied with AD 69-22-02 Flight Control wheel. Next due: 2307.11 TACH. Complied with AD 78-23-01 Fuel Drain door. Next due: 2307.11 TACH. Complied with AD 76-07-12 Ignition Switch. Next Due: 2307.11 TACH. AD 13-02-13 Horizontal Stabilizer Cable Previously complied with. Next due: 4145.3 TACH or 8-1-2020. Replaced nose steering rod. Operational check good. Applied touch-up paint to window area. Replace anti-skid on wing. Replaced primer O-rings MS29513-012 QTY: 2. Replaced RH brake caliper O-ring PN: MS28775-222. Bled aircraft brakes. Serviced battery. Installed switch covers as requested by owner. Treated aircraft with Corrosion X WO# 30443 (Preventative). Replaced wire on oil temp sensor. Replaced Air induction filter PN: BA-3. Removed and cleaned and tested spark plugs. Replaced heat scat tubing with serviceable scat. Cleaned and re-packed NLG tire and MLG tires bearings. Lubricated flight controls and pulleys. Ground operational check good. AD researched thru IA Approach. This Aircraft has been inspected in accordance with a (an) Annual inspection, was found airworthy and has been approved for return to service.

Signatur

Date: 15 MAR 2019

I have inspected **ACK Technologies: Model#:** E-01 **SN:** 036627
ELT system in this Aircraft according to applicable Aircraft and ELT manufactures instructions and applicable FAA guidance and found that it
meets the requirements of FAR 91.207(d). ELT Expiration date: **DEC 2025**

Signature

Date: 15 MAR 2019

CARRY FORWARD THE TOTAL ACCUMULATED FLYING TIME TO THE TOP OF NEXT PAGE



Repairs - Service Letters -
R USE OF THIS LOG BOOK.
shown.

- Todd M. Cotter A&F

LEDGE AIR REPAIR INC. GRAND LEDGE

1 May 2020

Piper PA 28-235 N8991W S/N 28-10571

Inv No. 1651

Tach Time 2234.86 Hrs. Total Time: 2234.86

1. Inspected and serviced airframe in accordance with Piper 100 Inspection Report (PA28-235).
2. Opened aircraft for inspection, removed inspection panels, wheel pants and seats.
3. Opened fuel strainer, inspected strainers, reinstalled and leak checked.
4. Tested ELT I/A/W FAR 91.207 ELT Installed new MN1300 batteries due replacement May 2022.
5. Complied with the following AD's DA's checked through Tdata Revision 2020-08
A.D. 69-22-02 (07-30-79) Control Wheel Inspection by Inspection. Due Again at 2334.86 hrs.
A.D. 76-07-12 (08-30-77) Mag Switch by inspection. Due Again at 2334.86 hrs.
A.D. 78-23-01 (11-03-78) Fuel Drain Lever by inspection. Due Again at 2334.86
A.D. 2013-02-13 (03/11/2013) Horizontal Stabilator Control Cable by inspection
of cables and turnbuckles I/A/W Piper Aircraft MSB No. 1245A instructions 1 through 10. Next
due before A/F TT 4234.86 or May 1st 2027
6. Installed main RA164-02000 brake disk on wheels and secured with new AN5-35A bolts & MS21044N5
nuts and RA066-10500 brake linings.
7. Installed new AB3E4 6X6 tire on left main and new 092-500-0 Michelin Airstop tubes on both main wheels.
Installed new 13889 bearing cone & 13830 bearing cup on right outer main wheel.
8. Drained right tip tank and installed new MC462-021 fuel sender gasket & CCA-1550 quick drain, refilled tip tank.
9. Removed right aileron to enhance inspection on inboard aileron hinge doubler. No discrepancies noted.
Reinstalled aileron.
10. Installed new AAD9-18-1 vacuum system filter and B3-5-1 vacuum relief regulator filter.
11. Adjusted all flight control cable tensions. Checked flight control rigging.
12. Installed Electronics International Inc. FP-5L-60 Fuel Flow Monitor I/A/W STC SA00068SE.
See FAA Form 337 this date for details. Initial set up to be completed by aircraft owner.
13. Installed a serviceable fuel selector lever cover assembly.
14. Reinstalled all inspection covers and engine cowlings.
15. Washed and cleaned entire aircraft.
16. Completed post maintenance operational checks on maintenance noted above with no abnormalities noted.

I certify that this airframe has been inspected in accordance with an annual inspection and has been
determined to be in airworthy condition

Jason J. Payne A&P I/A

MEMORANDA

Date

MEMORANDA

[illegible]

