

THE
adlogTM

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**

The subject aircraft was involved in an incident / accident on 1/8/2024 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 2250156660US.

Signed: ***Underwriters Salvage Company***

Date: **8/20/2024**

AlG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100
Atlanta, GA 30326

ESC
& C

pa

RG
1771.3

N840H Tach: N/A Hobbs: ~~2686.3~~ 8/30/2023

Removed unserviceable rivets (9) and magnetometer from tail cone. Installed serviceable rivets (9) P/N CR 3213-1 in accordance with the aircraft maintenance manual.

Richard Goff

Richard Goff

A+P 3803572

N840H Tach: N/A Hobbs: 1971.3 9/5.2023

Removed cleaned and inspected fuel quantity transmitters. No anomalies noted. Cleaned grounds.

Reinstalled transmitters and sealed panels. The above work was accomplished in accordance with the aircraft maintenance manual.

Richard Goff

Richard Goff

A+P 3803572

N840H 01/05//2024

Hobbs: 5681.20

Removed unserviceable N/G Steering Collar, installed serviceable N/G Steering Collar P/N 31812-000 IAW Piper Maintenance Manual. Op test good.

Chad M. Ward

Chad M. Ward

A&P 4521563

N840H 01/18/2024

Hobbs: 1995.3

Removed avionics stack to include: Garmin 530W NavCom , Garmin 430W Navcom, Garmin 340 Audio Panel, L3 Transponder, Garmin G5 (X2)

Chad M. Ward

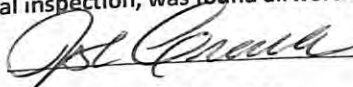
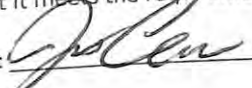
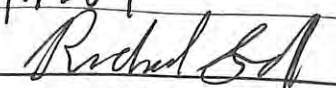
Chad M. Ward

A&P 4521563

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A&P 2760891 IA

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			
 FAIRMONT STATE UNIVERSITY			
DATE: 01 JUN 2022			
REG#: N840H AC SN: 27-4755 ACTT: 5489.6 HOBBS: 1803.6 Heater Hobbs: 221.8			
Performed 100hr inspection IAW CFR 43 Appendix (D). AD 21-25-11 Stabilator Structure and Tip Tube. NA BY SN. AD 2009-13-06R1 Nose baggage door. Next Visual Insp due at 1903.6 HOBBS. Complied with AD 88-21-07 R1 Fuel cap/filler opening. Next due: APR 2023. AD 80-18-10 Fuel valves/Fuel cables. Next due 1903.6. Complied with AD 72-14-05 Exhaust Stacks. No defects noted at this time. Next due 1903.6 HOBBS. Complied with AD 68-07-04 R2 Engine Mount Vis insp. No defects noted at this time. Complied with AD 2015-19-07 Ext fuel lines security. Due at fuel system disturbance. Complied with AD 04-25-16 Heater regulator. No defects noted this time. Next due: 1903.6 Hobbs. Deactivated heater system IAW AMOC provided by AD 04-21-05 Paragraph (4) (i) thru (vi). Installed G5 Attitude Gyro SN: 4JQ047247 and G5 HSI SN: 4JQ048508 IAW STC SA018118WI. FAA 337 form completed on this date. Installed L3 Lynx NGT 9000 ADSB compliant transponder IAW NGT9000 Installation instructions Document No: 0040-17001-01 REV V STC NO: SA02444AK. L-3 Transponder PN: 9029000-20000 SN: LXE 15126.. This installed ADS-B system was shown to meet the equipment performance requirements of 14 CFR Part 91.227. Performed gear operational extension and retractions tests. Operational check good. Lubricated flight controls. Perform Ground runs and leak checks. Checks good. AD researched thru ATP. This Aircraft has been inspected in accordance with a (an) Annual inspection, was found airworthy and has been approved for return to service.			
Signature:  Certificate: <u>AP306614214</u> Date: <u>01 JUN 2022</u>			
I have inspected Narco ELT SN: 11395 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: JAN 2023			
Signature:  Certificate: <u>AP306614214</u> Date: <u>01 JUN 2022</u>			
9/15/2022 N840H HOBBS 1813.1 Removed unserviceable Merl BP-1010 ELT Battery Installed serviceable Merl BP-1010 ELT Battery New expiration date: Sept 2024. Inspected ELT to the requirements of 14 CFR 91.207  A&P 3803572			
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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
N840H	Hobbs: 5500.80	JS	N840H Hobbs: 5520.9
10/12/2022			10/12/2022
Installed Janitrol Heater B3500, S/N A97020005, with Jan Aero Pressure Regulator P/N 94E42-3, IAW Piper Maintenance Manual. Operations check required. Updated Weight and Balance. Heater time: 221.8			Removed unserviceable Landing Light, Installed serviceable Landing Light P/N 11-19156 IAW Piper Maint Manual. Removed insp sticker.
Chad Ward A&P# 4521563			Chad Ward
			
11/2/2022			A&P #4521563
Operational test completed. Tested good.			
Rich Goff A&P # 3803572			
			
N840H			
Hobbs: 1821.3			N840H 3/3/2023
11/11/2022			Hobbs: 5568.20
Reinstalled existing door handle on cabin door, IAW Piper Maintenance Manual. Operational test good.			Re-installed fuel selector knob for cabin heater IAW Piper Maintenance Manual.
Chad M. Ward			Chad M. Ward
			
A&P 4521563			A&P 4521563
Chad Ward			
			
A&P 4521563			

N840H: Tach: N/A Hobbs: 1805.1
5/13/2022

Removed under wing panels and fuselage panels to access static flexible hose. Replaced flexible hose with 3/16 Neoprene hose P/N 0500200

Replaced flexible hose to static side of the left-hand airspeed indicator with same neoprene hose above. Replaced fitting to static side of left-hand side airspeed indicator with P/N 0700-150

Replaced pitot flexible hose to right-hand airspeed indicator with the same neoprene hose above. Replaced pitot fitting to right-hand airspeed indicator with P/N 0700-150

Replaced flexible static line going to altimeter with the same neoprene hose above.

Replaced tees going to upper and lower Garmin G5 units for both pitot and static lines with QTY 2 of P/N 0715-011

Continued

Replaced flexible hoses from both tees to the pitot and static connections on both Garmin G5 units using the same neoprene hose above.

Replaced tee in static system feeding Garmin G5s, and left-hand airspeed indicator P/N 0715-011. Replaced all flexible line from all tees listed above with the same neoprene hose above.

Replaced main feeder line for pitot system with the same neoprene hose above.

Alternate static port ops check good.

Static leak check with NON CALIBRATED tester approx. 15 FPM drop in altitude.

All work performed IAW AC 43.13-1B Chapter 12 section 4

Hunter Bennett

A+P 4480899

Hunter Bennett

DESCRIPTION OF WORK PERFORMED—
& CERTIFICATE NO. OF PERSON PERFORMING WORK

page N840H Tach:
09/14/2022 Hobbs: 1811.0

Removed Jonitrol combustion heater and deactivated IAW Piper Maintenance

Manual Chapter 13-104 and AD 2004-21-05 Note 1 method of Compliance 4

S/N 97020005

~~PTA~~ B 2500 Updated W&B Hunter Bennett A+P 4480899

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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N840H	Hobbs1762.3	9/5/2019	Removed, cleaned manifold pressure indicator. Removed fuel fouling from R/H manifold pressure input connection. Flushed lines with shop air and reinstalled indicator. Run Up conducted. No anomalies noted at this time. Richard Goff  A+P 3803572
12 DEC 2019	N840H	HOBBS: 1782.9	HEATER HOBBS: 220S
Complied with AD 04-21-05 PRESSURE DECAY TEST. NO DEFECTS NOTED AT THIS TIME. NEXT DUE: 320.5 HEATER HOBBS OR DEC 2021. COMPLETED WITH HEATER REGULATOR AD 04-25-14. NO DEFECTS NOTED AT THIS TIME. NEXT DUE 1882.9 HOBBS OR DEC 2020.  AP3006142 12 DEC 2019			
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FAIRMONT STATE
UNIVERSITY

DATE: 04 MAR 2020

REG#: N840H AC SN: 27-4755 ACTT: 5473.9 HOBBS: 1787.6 Heater Hobbs: 221.8

Performed 100hr inspection IAW CFR 43 Appendix (D). **Complied with AD 2009-13-06R1 Nose baggage door.** Next Visual Insp due at 1887.6 HOBBS. **Complied with AD 88-21-07 R1 Fuel cap/filler opening.** Next due: Mar 2021. **Complied with AD 80-18-10 Fuel valves/Fuel cables.** Next due 1887.6. **Complied with AD 72-14-05 Exhaust Stacks.** No defects noted at this time. Next due 1887.6 HOBBS. **Complied with AD 68-07-04 R2 Engine Mount Vis insp.** No defects noted at this time. **Complied with AD 2015-19-07 Ext fuel lines security.** Due at fuel system disturbance. **Complied with AD 04-25-16 Heater regulator.** No defects noted this time. Next due: 1887.6 Hobbs. Replaced Hydraulic filter PN: 6235-1A. Adjusted throttles in console. Replaced RH tire and tube assy with serviceable tire and tube. Serviced all tires to recommended pressure. Performed gear operational extension and retractions tests. Operational check good. Lubricated flight controls. Perform Ground runs and leak checks. Checks good. AD researched thru ATP. **This Aircraft has been inspected in accordance with a (an) Annual inspection, was found airworthy and has been approved for return to service.**

Signature: [Signature] Certificate: AP306618-74 Date: 04 MAR 2020

I have inspected Narco ELT SN: 11395
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: **NOV 2020**

Signature: [Signature] Certificate: APJ006142TA Date: 04 MAR 2020

1 Jun 2022	Hobbs: 1807.9	Removed and replaced ground power contactor with new. Ops checks good. PN off: UNK PN on: 07-01875. Q-R. 2. ACP 3300966
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DATE

Air Frame Log N 840H Piper PA 23-250 S/N 27-4755

Date: 03-14-17 Hobbs: 1726.2

Removed and repaired both brake master cylinders and reinstalled, checked brake pads and serviced brake fluid,

Removed left & right deice shuttle valves S/N SK10-5923 & SK9-5656 for overhaul
And reinstall overhauled units S/N SH10-5923 & SK9-5656.
CRS NE2R028L WO BHY100391 & 462

Installed piper service bulletin No. 1299 left & right main gear draglink bolts

Mission Air Center
217 Airfield Road
Spencer, WV 25276

Wayne E. Ash
AP 235606289 IA

Air Frame Log N 840H Piper PA 23-250 S/N 27-4755

Date: 03-14-17 Hobbs: 1726.2 Total T: 5412.5

I certify this Airplane has been inspection in accordance with an annual Inspection checklist and was found to be in an airworthy condition. 3.3 hrs. since last inspection. ADs have been checked thru this date. Serviced A/C battery, Checked brake pads, serviced brake fluid,

Performed functional test of ELT (s/n 11395) system IAW FAR 91 207 d no defects noted. ELT Batt. Due Jan. 2018

AD 04-21-05 Cabin Heater due at 393.5 hrs. Current Hobbs this date: 356.8
C/W by visual inspection. AD 72-14-05, AD 80-18-10, AD 09-13-06R1 AD 04-25-16
AD 88-21-07R1 AD 68-07-04 Due at Hobbs time 1826,0

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217 Airfield Road
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Wayne E. Ash
AP 235606289 IA

Air Frame Log N 840H Piper PA 23-250 S/N 27-4755

Date: 12-06-17 Hobbs: 1729.7

Removed left & right vacuum pumps and installed overhauled Tempest D/A
vacuum pumps P/N 441CC-70H 441CC-7 S/N OCTE07 & OCTE06.

Removed and Installed a new Timer Deice P/N 3D1740

Mission Air Center
217 Airfield Road
Spencer, WV 25276

Wayne E. Ash
AP 235606289 IA

DATE

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TIME
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RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTAL brought forward from previous page

Air Frame Log N 840H Piper PA 23-250 S/N 27-4755

Date: 01-02-17 Hobbs: 1729.0 TT: 5415.3

I certify this Airplane is airworthy for a one time day VFR flight from USW (Spencer WV) to 4G 7 (Fairmont WV) for maintenance. IAW FAA ferry permit Dated: 9-28-18

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217 Airfield Road
Spencer, WV 25276

Wayne E. Ash
AP 235606289 IA



DATE: 22 JAN 2019

REG#: N840H AC SN: 27-4755 ACTT: 5418.2 HOBBS: 1731.9

Performed 100hr inspection IAW CFR 43 Appendix (D). AD 2017-15-05 Combustion Heater Extension tube. NA affected heater not installed. Complied with AD 2009-13-06R1 Nose baggage door. Complied with components change out. Next components change out due at 2731.9 HOBBS. Next Visual Insp due at 1831.9 HOBBS. Complied with AD 88-21-07 R1 Fuel cap/filler opening. Next due: JAN 2020. Complied with AD 80-18-10 Fuel valves/Fuel cables. Next due 1831.9. Complied with AD 76-11-07 Magnetic deviations. No defects noted at this time. Complied with AD 72-14-05 Exhaust Stacks. No defects noted at this time. Next due 1831.9 HOBBS. Complied with AD 68-07-04 R2 Engine Mount Vis insp. No defects noted at this time. Complied with AD 2015-19-07 Ext fuel lines security. Due at fuel system disturbance. Complied with AD 04-25-16 Heater regulator. No defects noted this time. Next due: 1831.9 Hobbs. Unable to verify last pressure decay test required by AD 04-21-05 Kelly Aerospace Systems. Therefore, deactivated system IAW AMOC provided by AD 04-21-05 Paragraph (4) (i) thru (vi). Awaiting pressure decay test equipment. Replaced LH inboard fuel bladder tank with serviceable tank PN:454-320E SN: 240 DOM 10-2018. Replaced nose baggage door components with Mcfarlane Kit MC88409-002. Replaced LH tire and tube assy with serviceable tire and tube. Replaced ELT battery PN: BP-1010. Serviced landing gear hydraulic reservoir. Serviced MLG and NLG struts to proper height with nitrogen. Serviced all tires to recommended pressure. Performed gear operational extension and retractions tests. Operational check good. Lubricated flight controls. Packed NLG and MLG bearings. Perform Ground runs and leak checks. Checks 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.

Signature: Certificate: AP 235606289 Date: 22 JAN 2019

I have inspected Narco ELT SN: 11395
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: NOV 2020

Signature: Certificate: AP 235606289 Date: 22 JAN 2019

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DATE

Air Frame Log N 840H Piper PA 23-250 S/N 27-4755

Date: 12-17-14 Total T: 5280.3

Installed FAA Approved Flight Manual Supplements with required flight documents.
 Completed required GPS flight test and determined that GPS systems are adequate for IFR operation.
 Pilot Rich McBay Rating ATP Certification 1956443 Date: Dec 17, 2014

Removed placard from instrument panel stating GPS not approved IFR navigation.

Mission Air Center
 227 Airfield Road
 Spencer, WV 25276

Wayne E. Ash
 AP 235606289



AIRFRAME N-840H 12/Nov/2015
 Piper PA-23-250 s/n 27-4755
 Hobbs 1660.6

Performed an annual inspection IAW FAR Part 43 Appendix D inspection checklist. Checked brake linings for wear. Serviced brake reservoirs, and bled brake system. Greased Nose & Main LG bearings. Performed functional test of ELT System IAW FAR 91.207(d) no defects noted at this time. R&R ELT Battery pack; replacement due Jan/2018. Removed cabin interior for inspection. Vacuumed fuselage for debris. Reinstalled cabin interior. Lubed landing gear & all flight control hinge points. Checked external lighting. C/W the following AD's: AD 68-07-04; AD 88-21-07 R1; AD 04-25-16; AD 72-14-05; AD 80-18-10; AD 09-13-06 R1/ All due by Hobbs 1760.0 or Nov-12-2016

I certify that this aircraft has been inspected IAW an annual inspection & was determined to be in an airworthy condition. ***END*** Peter L. Sims IA; A&P # 3031774

Air Frame Log N 840H Piper PA 23-250 S/N 27-4755

Date: 11-12-15 Hobbs: 1660.8

Removed the following King equipment a KCS 55A HIS system, a KN 65 DME System with KI 266 indicator, KLN 90B and a Narco MK 12D with GS.

Installed the following Garmin equipment a GMA 340 Audio Panel, GNS 530W RDU with GA 56 GPS Antenna, GLD 69 XM Receiver with a GA 55 XM Antenna.
 Installed an Aspen EFD 1000 System with ACU unit.
 Installed a RC Allen electric horizon gyro.

Revised aircraft equipment list and weight & balance data.

Placarded instrument panel 530W GPS not approved IFR navigation.

Note: See form 337 this date: 11-12-15

Mission Air Center
 227 Airfield Road
 Spencer, WV 26554

Wayne E. Ash
 AP 235606289 IA

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Air Frame Log N 840H Piper PA 23-250 S/N 27-4755

Date: 12-08-15 Hobbs: 1668.8 Total T: 5355.1

Installed FAA Approved GNS 530W Flight Manual Supplements with required flight documents. Removed instrument panel placard stating GPS systems not approved for Navigation.

Completed required GPS flight test and determined that GPS systems are adequate for IFR operation.

Pilot Rich McBay Rating ATP Certification 1956443 Date: Dec 08, 2015
 Removed placard from instrument panel stating GPS not approved IFR navigation.

Mission Air Center
 227 Airfield Road
 Spencer, WV 25276

Wayne E. Ash
 AP 235606289

Air Frame Log N 840H Piper PA 23-250 S/N 27-4755

Date: 12-27-16 Hobbs: 1693.6 Total T: 5379.9

I certify this Airplane has been inspection in accordance with an annual Inspection checklist and was found to be in an airworthy condition. 3.3 hrs. since last inspection. ADs have been checked thru this date. Serviced A/C battery, Checked brake pads, serviced brake fluid,

Performed functional test of ELT (s/n 11395) system IAW FAR 91 207 d no defects noted.

AD 04-21-05 Cabin Heater due at 393.5 hrs. Current Hobbs this date: 356.8
 C/W by visual inspection. AD 72-14-05, AD 80-18-10, AD 09-13-06R1 AD 04-25-16
 AD 88-21-07R1 AD 68-07-04 Due at Hobbs time 1793.0

Mission Air Center
 217 Airfield Road
 Spencer, WV 25276

Wayne E. Ash
 AP 235606289 IA

Air Frame Log N 840H Piper PA 23-250 S/N 27-4755

Date: 12-27-16 Hobbs: 1693.6 Total T: 5379.9

Installed AD 2015-24-05 required Fuel management placards.

Installed Piper service bulletin No. 1299 L&R main gear draglink bolts.

Mission Air Center
 227 Airfield Road
 Spencer, WV 25276

Wayne E. Ash
 AP 235606289

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
Airframe Log Entry			
N840H	Piper PA-23-250	S/N 27-4755	
June/23/2011	Hobbs 1526.4	AFTT 5212.7	
Performed an annual inspection IAW FAR Part 43 Appendix D inspection checklist. 8.4 hrs. since last inspection. Serviced battery. Performed functional test of ELT System IAW FAR 91.207(d) no defects noted. ELT Battery replacement due Oct/2011. Repacked main and nose wheel bearings. Lubed landing gear.			
AD's C/W	Method of Compliance	Next Due	
AD88-21-07 R1	phy & vis insp	Next annual or June 30, 2012	
AD04-25-16	phy & vis insp	Hobbs 1626.4 or June 30, 2012	
AD09-13-06	phy & vis insp	Hobbs 1626.4	
AD80-15-10	PCW	Hobbs 1618.4	
AD72-14-05	PCW	Hobbs 1618.4	
AD68-07-04 R4	PCW	Hobbs 1618.4	
SAIB#CE-04-88	PCW	Hobbs 2007.2 or Jan/2018	
I certify that this aircraft has been inspected IAW an annual inspection & was determined to be in an airworthy condition. ***END***			
Peter L. Sims IA; A&P# 3031774			

AIR FRAME LOG N 840H PIPER PA-23-250 SN 27-4755

Date: 11-09-11 Tach: 1527.8

Removed a defective PA 42-1A manifold pressure gage and installed a serviceable unit S/N 160107 and purged manifold lines. Keystone Inst. WO 11-1163

Mission Air Center
217 Airfield Road
Spencer, WV 25276

Wayne E. Ash
Wayne E. Ash
AP 235606289 IA

AIR FRAME LOG N 840H PIPER PA-23-250 SN 27-4755

Date: 12-07-11 Tach: 1549.1

Removed a defective left engine fuel boost pump and installed an overhauled unit P/N 33959-3 S/N 51669 (CRS YPGR715L WO No. 19172)

Removed and replaced aircraft battery with a new Gill G-35 unit S/N G02676328.

Mission Air Center
217 Airfield Road
Spencer, WV 25276

Wayne E. Ash
AP 235606289 IA

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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Airframe Log Entry			
N840H	Piper PA-23-250	S/N 27-4755	
01/Jun/2013	Hobbs 1554.6	AFTT 5240.9	
Performed an annual inspection IAW FAR Part 43 Appendix D inspection checklist. 28.2 hrs. since last inspection. Removed & reinstalled cabin interior & floor for inspection, inspected cables, controls and fuselage for defects; NDN. Vacuumed fuselage for debris. Reinstalled cabin. R&R ELT, (s/n off 67295), (s/n on 11395), performed functional test of ELT system, IAW FAR 91.207(d) NDN. Replaced ELT Battery, next replacement due Sep/2015. Installed spare wires for future ELT usage. Lubed landing gear & all flight control hinge points. Charged battery. Removed corrosion from Battery box, aft ELT storage bracket & fwd baggage floor.			
AD's C/W	Method of Compliance	Next Due	
AD88-21-07 R1	phy & vis insp	Hobbs 1654.6 or May 30, 2013	
AD04-25-16	phy & vis insp	Hobbs 1654.6 or May 30, 2013	
I certify that this aircraft has been inspected IAW an annual inspection & was determined to be in an airworthy condition. ***END***			
Peter L. Sims A&P 3031774 IA			

Airframe Log Entry N-840H 05/Aug/2014

Piper PA-23-250 s/n 27-4755
Hobbs 1593.9 AFTT 5280.2

Performed an annual inspection IAW FAR Part 43 Appendix D inspection checklist. Serviced brake reservoirs, and bled brake system. Greased Nose & Main LG bearings. Performed functional test of ELT System IAW FAR 91.207(d) no defects noted at this time. ELT Battery replacement due Sept/2015. R&R instrument filter. Removed cabin interior for inspection. Vacuumed fuselage for debris. Reinstalled cabin interior. Lubed landing gear & all flight control hinge points. Charged battery. Checked external lighting.

AD's C/W	Method of Compliance	Next Due
AD88-21-07 R1	phy & vis insp	Hobbs 1693.9 or July 30, 2015
AD04-25-16	phy & vis insp	Hobbs 1693.9 or July 30, 2015
AD's current to Aug/2014.		

I certify that this aircraft has been inspected IAW an annual inspection & was determined to be in an airworthy condition. ***END*** Peter L. Sims IA; A&P # 3031774



Air Frame Log N 840H Piper PA 23-250 S/N 27-4755

Date: 12-17-14 Total T: 5280.3

Removed the following equipment a Narco Mk 12D Nav/Com with GS and ID 825 Indicator, Narco 141 ADF system, Flight Phone 40 system, Relocated King KA 92 GPS Antenna. Installed the following Equipment as a minor alteration a Garmin GNS 430W using existing antennas coupled to KI 525A HSI as No. One Nav. system with a GA 56 GPS antenna located in same location as removed KA 92, a Century NSD 360 HSI for No. 2 Nav. system, and a JPI 760 EDM system. The equipment was installed IAW OEM Installation manuals Garmin No.090-00356-02 Rev.G, Century Bulletin No.734 and JPI Report No. 7-20-99 Rev. NC. Using AC 43.13-1B & 2B applicable practices and procedures for reference. Revised aircraft's equipment list and Weight & Balance Data.

Placarded instrument panel 430W GPS not approved IFR navigation.

Note: See form 337 this Date for details 12-17-14

Mission Air Center
227 Airfield Road
Spencer, WV 26554

Wayne E. Ash
Wayne E. Ash
AP 235606289

DATE	Date	Hobbs	Acft T.T.	WO#
	07/17/2007	1500.7	5187	201759
	Performed minor repair of R/H cowling I/AW PA23-250 Service Manual Ch. 4-64 and 4-71.			
	Signed <u>[Signature]</u>			State Of Ohio CRS JRUR354F

Date	Hobbs	Acft T.T.	WO#
07/30/2007	1501.3	5187.6	201793
Replaced battery with new Gill G-25.			
Signed <u>[Signature]</u>			State Of Ohio CRS JRUR354F

DATE:	HOURLMETER	ACFT. T.T.	WO
1/17/2008	1507.2	5193.5	201968
Complied with an annual inspection. Complied with the annual ELT inspection in accordance with FAR 91.207. Replaced the magnetic compass. Swung compass. Replaced both inboard fuel tank caps. Replaced the forward rod end on the right aileron push rod. Complied with Piper SB 1160 Stabilator torque tube inspection, next due 1/2018.			
THIS REPAIR STATION CERTIFIES THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECK THROUGH 2007-26.			
<u>[Signature]</u>			CRS REP STATE OF OHIO CRS JRUR354F

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DATE	TOT TIM IN SERV	WORK
		Work Performed: > STOP DRILLED CRACKS AT SCREW HOLES ON INSIDE OF NOSE BAGGAGE DOOR, APPLIED A BONDED PATCH USING HYSOL AND 2024 T3 ALUMINUM. > INSTALLED NEW HINGE, P/N 31220-002 ON TOP RIGHT (O/B HALF) NOSE COWL. > REPAIRED DAMAGED FIBERGLASS ON BOTTOM RIGHT (O/B HALF) NOSE COWL, INSTALLED NEW NUTPLATES AND CHAFF SEAL TO SAME AREA.
		RETURNED TO SERVICE *The aircraft and/or component listed above was repaired & inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this Repair Station under Work Order # 020062
		Signature <u>[Signature]</u> for Lane Aviation Corporation CRS# DYCR407D JET, PISTONS, PARTS AND SERVICE Port Columbus International (CMH) Local: 614-237-3747 Ohio: (800) 282-6417 USA: (800) 848-6263 Fax: 614-238-0049

Date	Hobbs	Acft T.T.	WO#
03/01/2010	1518.0 HRS.	5204.3 HRS.	202584

Completed an Annual Inspection and Special Inspections that were applicable this date, in accordance with Piper Aztec service manual. Complied with Title 14 chapter 91.207 ELT check. Packed all wheel bearings. Right front engine cowling hinge and front baggage door repaired by Lane Aviation, CRS# DYCR407D. See previous logbook entry. Landing gear CO2 bottle weighed 140 grams. Installed new aircraft battery, serial number G02411971. Vacuum manifold overhauled by Rapco Inc. Replaced left and right fuel pressure indication hoses. Installed new BA-15 induction air filters. ADs checked through Bi weekly issue 2010-04.

Compiled with	Subject	Next Due Total time
AD 2004-25-16	Kelly Aerospace Heater Regulator	5304.3 or Annual insp.
AD 88-21-07 R1	Water Leakage in Fuel Cell	Next Annual
AD 80-18-10	Fuel Valve and Cable Assy.	5304.3
AD 72-14-05	Exhaust System Stacks	5304.3
AD 68-07-04 R4	Engine Mount	5304.3
SAIB # CE-04-88	Stabilator Torque Tube and Bolts	5693.5 or 1/2018
AD 2009-13-06 / SB 1194	Nose Baggage Door Components Inspection	5304.3 or Annual Insp.
AD 2009-13-06 / SB 1194	Nose Baggage Door Comp. Life Limit.	6304.3

I certify this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition and is ready for return to service with respect to the work performed.

Signed [Signature]
State Of Ohio
CRS JRUR354F

SUB-TOTAL this page	
TOTAL—Carry forward to next page	

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			
DATE: 5/4/2005	HOURLMETER 1387.7	ACFT. T.T. 5074.0	WO 2004517
Replaced the right electric fuel pump with overhauled unit s/n 43926.			
			CRS REP
			STATE OF OHIO
			CRS JRUR354F

DATE: 6/28/05 HOURLMETER ACFT. T.T. WO
5105.0 2004584

Replaced L/H tire, tube and brake linings, 066-06200. Perform lining break in procedure.

Signed [Signature]
For State of Ohio CRS# JRUR354F

DATE: 08/16/05 HOURLMETER 1425.6 HRS. ACFT. T.T. 5111.9 HRS. WO 2004622

COMPLIED WITH AN ANNUAL INSPECTION I/A/W MANUFACTURERS INSPECTION GUIDE. REPACKED THE LEFT AND RIGHT MAIN WHEEL BEARINGS. REPLACED RIGHT MAIN BRAKE PADS. REPACKED NOSE WHEEL BEARINGS. VAC. SYSTEM FILTER REPLACED. REPLACED HEATER FUEL REGULATOR VALVE AS PER ad 2004-25-16. REPAIRED RIGHT ENGINE COWLING FRONT RIGHT CORNER.

COMPLIED WITH THE FOLLOWING AD's;

68-07-02R2 ENGINE MOUNT INSP.	BY VISUAL INSPECTION.	NEXT DUE AT 5211.9 A/CTT.
72-14-05R1 EXHAUST STACKS	BY VISUAL INSPECTION	NEXT DUE AT 5211.9 A/CTT.
80-18-10 FUEL VALVE ASSY.	BY VISUAL INSPECTION	NEXT DUE AT 5211.9 A/CTT.
88-21-07R1 FUEL CELLS	BY VISUAL INSPECTION	NEXT DUE AT NEXT ANNUAL.
2004-25-16R1 HEATER REG. VALVE.	BY VISUAL INSPECTION	NEXT DUE AT 5211.9 A/CTT.
2002-26-01 FUEL INJ. LINE.	BY VISUAL INSPECTION	NEXT DUE AT 5211.9 A/CTT.

THIS REPAIR STATION CERTIFIES THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECK THROUGH 2005-14.

[Signature] CRS REP JRUR 354F
STATE OF OHIO
CRS JRUR354F

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			
N840H AIRFRAME MAINTENANCE RECORDS AZTEC 23-250 S/N 27-4755			
DATE: 12/6/05	HOURLMETER 1464.7 HRS.	ACFT. T.T. 5151.0 HRS.	WO 2004751
Replaced fuel crossfeed valve.			
			CRS REP
			STATE OF OHIO
			CRS JRUR354F

Date 1-19-2006 Hobbs 1479.5 Acft T.T. 5165.8 WO# 2004870

A 50 hr inspection was performed at this date in accordance with manufactures instructions. Charged battery and serviced landing gear struts with nitrogen. This aircraft is ready for return to service with respect to the work performed.

Signed [Signature]
State Of Ohio
CRS JRUR354F

Date 11-06-2006 Hobbs 1499.3 Acft T.T. 5185.6 WO# 2005197 / 201246

Completed an annual inspection this date in accordance with Piper Aztec service manual. Complied with Title 14 chapter 91.207. Installed new **ELT** battery **EXP Oct. 2008**. Packed all wheel bearings. Repaired rt. front engine cowling and bottom cowling scoop of right engine. Installed wide area washers under bottom engine mounts. Replaced battery box with a serviceable box due to corrosion. Replaced the seal on the baggage door. Installed new o-rings on both left and right brake calipers. Installed new brake and hydraulic hoses in both main wheel wells. Installed new hinge pins on side doors of left gear. Installed an overhauled twin tach PN 57-4AW SN 2335. Installed new BA-15 air filters. Exhaust of right engine was repaired by Dawley Aviation under WO # 91522 through Winner Aviation. ADs checked through Bi weekly issue 2006-21.

Compiled with
AD 2004-25-16
AD 88-21-07 R1
AD 80-18-10
AD 72-14-05
AD 68-07-04 R4
SAIB # CE-04-88

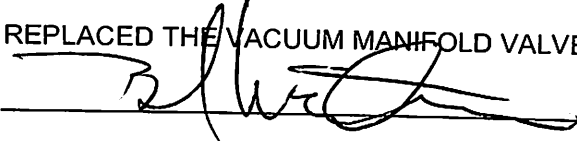
Subject
Kelly Aerospace Heater Regulator
Water Leakage in Fuel Cell
Fuel Valve and Cable Assy.
Exhaust System Stacks
Engine Mount
Stabilator Torque Tube and Bolts

Next Due Total time
5285.6 or Annual insp.
Next Annual
5285.6
5285.6
5285.6
5685.6 or 10/2009

I certify this aircraft was inspected in accordance with an annual inspection and was determined to be in airworthy condition and is ready for return to service with respect to the work performed.

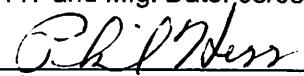
Signed [Signature]
State Of Ohio
CRS JRUR354F

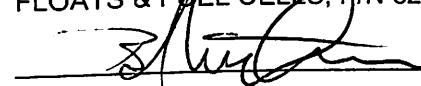
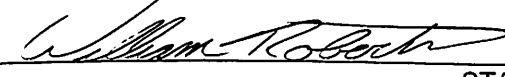
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
TOTAL brought forward from previous page				
DATE	HOURLMETER	ACTSN	WO	
8/27/03	1246.5	4932.8	2003654	
REPLACED THE VACUUM MANIFOLD VALVE, S/N 6AW 1.				
				
CRS REP				
STATE OF OHIO				
CRS JRUR354F				

Date: 11/07/03 Tach: 1278.3 HRS. T.T.S.N.: 4964.6 HRS.

50 Hour Inspection completed this date I.A.W. Piper Aztec Service Manual Inspection Guide. Removed and replaced pitot heat switch. Remove and replace left outboard fuel cell. Installed new fuel cell manufactured by Floats and Fuel Cell Manufacturing. New tank P/N: 520, Serial No.: CR1117 and Mfg. Date: 08/03. Leak check satisfactory. See W/O # 2003777 for details.


State of Ohio
CRS # JRUR354F

DATE	HOURLMETER	ACTSN	WO	
12/9/2003	1282.7	4969.0	2003844	
REPLACED THE RIGHT INBOARD FUEL CELL. INSTALLED CELL MANUFACTURED BY FLOATS & FUEL CELLS, P/N 521, S/N CR1151, MANUFACTURE DATE 10/03.				
				
CRS REP				
STATE OF OHIO				
CRS JRUR354F				
DATE	HOURLMETER	ACTSN	WO	
04/27/2004	1308.9	4995.2	2004022	
REPLACED RIGHT MAIN TIRE AND TUBE. REPLACED THE OUTBOARD BEARING AND RACE. PACKED THE RIGHT MAIN WHEEL BEARINGS. BALANCED TIRE				
				
CRS REP				
STATE OF OHIO				
CRS JRUR354F				

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DATE: 09/16/04 HOURLMETER 1325.1 HRS. ACFT. T.T. 5011.4 HRS. WO 2004059

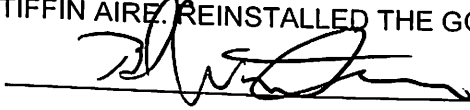
COMPLIED WITH AN ANNUAL INSPECTION I/A/W MANUFACTURERS INSPECTION GUIDE. REPACKED THE LEFT AND RIGHT MAIN WHEEL BEARINGS. REPACKED NOSE WHEEL BEARINGS. VAC. SYSTEM FILTER REPLACED. ELT BATTERY REPLACED AND ELT RECERTIFIED. ELT DUE JULY 2006. REMOVED LEFT AND RIGHT ENGINE MOUNTS FOR REPAIR AND INSPECTION. ENGINE MOUNTS REPAIRED AND INSPECTED BY AEROSPACE WELDING MINNEAPOLIS, INC. INSTALLED ENGINE MOUNTS I/A/W MANUFACTURERS MAINTENANCE MANUAL. INSTALLED NEW CYLINDER HEAD TEMP. PROBES WITH 82 OHM INLINE RESISTOR.

COMPLIED WITH THE FOLLOWING AD's;

68-07-02R2 ENGINE MOUNT INSP.	BY VISUAL INSPECTION.	NEXT DUE AT 5111.4 A/CTT.
72-14-05R1 EXHAUST STACKS	BY VISUAL INSPECTION	NEXT DUE AT 5111.4 A/CTT.
80-18-10 FUEL VALVE ASSY.	BY VISUAL INSPECTION	NEXT DUE AT 5111.4 A/CTT.
88-21-07R1 FUEL CELLS	BY VISUAL INSPECTION	NEXT DUE AT NEXT ANNUAL.

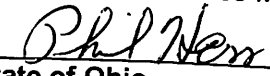
THIS REPAIR STATION CERTIFIES THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECK THROUGH 2004-17.


CRS REP
STATE OF OHIO
CRS JRUR354F

DATE	HOURLMETER	ACFT. T.T.	WO
10/1/04	1331.1	5017.4	2004220
REMOVED BOTH PROP GOVERNORS FOR CONVERSION FROM F-6-5A TO F-6-28 BY TIFFIN AIRE. REINSTALLED THE GOVERNORS.			
			
CRS REP			
STATE OF OHIO			
CRS JRUR354F			

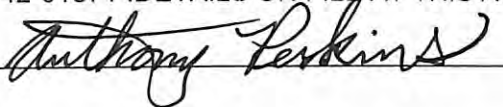
Date: 04/19/05 Tach: 1376.7 HRS. T.T.S.N.: 5063.0 HRS.

50 Hour Inspection completed this date I.A.W. Piper Aztec Service Manual Inspection Guide. Cleaned corrosion from batter box.


State of Ohio
CRS # JRUR354F

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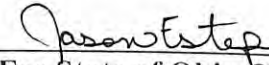
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
DATE	HOURLMETER	ACTSN	WO
8/13/01	1148.8	4837.8	2002766
REMOVED #1 COMM/NAV S/N 53451 INSTALLED SERVICABLE COMM/NAV S/N 57193 WINNER AVIATION W.O. 42-01871 .DETAILS ON FILE AT THIS AGENCY W.O. 2002766.			
			CRS REP
STATE OF OHIO			
CRS JRUR354F			

DATE HOURLMETER ACTSN WO
02/26/02 4850.6 2002981

Replaced 487-213 spring, 30138-002 door latch stop, and 487-317 spring inside cabin door. Rigged mechanism per PA 23 maintenance manual.

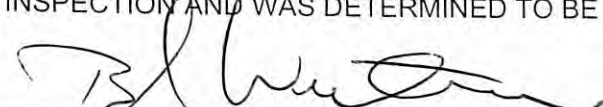


CRS REP
STATE OF OHIO
CRS JRUR354F

Date:	Hobbs:	T.T.S.N.:
03-01-2002	1165.9	4852.2
Installed new Gill G-35 Battery.-----End-----		
Signed  For State of Ohio CRS# JRUR354F		
4/23/02	1174.0	This aircraft ok for flight from AKR to OSU
		Kevin L. Stubb JRUR354F

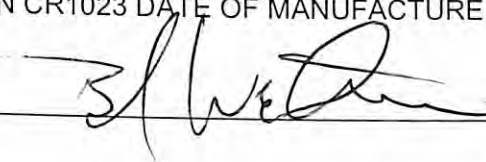
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DATE	TOTAL TIME IN	TACH OR RECORDING METER	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
DATE	HOURLMETER	ACTSN	WO
6/4/02	1174.9	4861.2	2003092
COMPLIED WITH AN ANNUAL INSPECTION USING PIPER'S INSPECTION GUIDE. REPLACED THE NOSE TIRE. REPACKED ALL WHEEL BEARINGS. REPLACED BOTH ENGINE INDUCTION AIR FILTERS WITH BRACKETT FILTERS (SEE 337). REPLACED ELT WITH RECERTIFIED UNIT, BATTERY DUE 6/1/2004. BOTH PROP GOVERNORS OVERHAULED.			
THIS REPAIR STATION CERTIFIES THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECK THROUGH 2002-09.			
			CRS REP
STATE OF OHIO			
CRS JRUR354F			

DATE HOURLMETER ACTSN WO
10/16/02 1193.6 4879.9 2003298

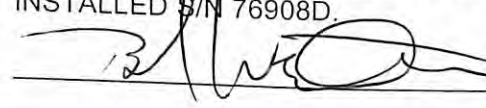
REPLACED RIGHT OUBOARD FUEL CELL. NEW CELL MANUFACTURED BY FLOATS AND FUEL CELLS, P/N 521 S/N CR1023 DATE OF MANUFACTURE 5/02.



CRS REP
STATE OF OHIO
CRS JRUR354F

DATE HOURLMETER ACTSN WO
5/8/03 1218.0 4904.3 2003519

REPLACED CO-PILOT'S DIRECTIONAL GYRO, P/N 1U262-001-11. REMOVED S/N 56341D, INSTALLED S/N 76908D.



CRS REP
STATE OF OHIO
CRS JRUR354F

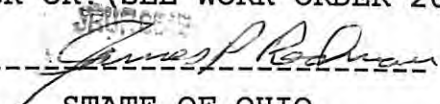
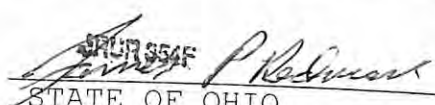
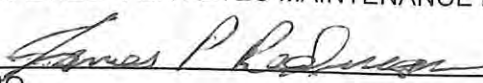
DATE HOURLMETER ACTSN WO
7/3/2003 1223.4 4909.7 2003542

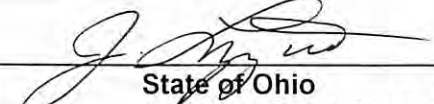
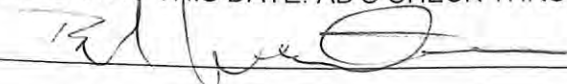
COMPLIED WITH AN ANNUAL INSPECTION. REPLACED THE LEFT MAIN TIRE AND TUBE. REPLACED THE LEFT BRAKE DISC. REPACKED THE LEFT MAIN WHEEL BEARINGS. COMPLIED WITH THE FOLLOWING AD's;
2003-9-13 BY REPLACING FLAP TORQUE TUBE WITH STEEL TUBE PER SB 1051B.
68-07-02R2 BY VISUAL INSPECTION NEXT DUE AT 5009.7 A/CTT.
72-14-05R1 BY VISUAL INSPECTION NEXT DUE AT 5009.7 A/CTT.
80-18-10 BY VISUAL INSPECTION NEXT DUE AT 5009.7 A/CTT.
88-21-07R1 BY VISUAL INSPECTION NEXT DUE AT NEXT ANNUAL.
THIS REPAIR STATION CERTIFIES THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECK THROUGH 2003-12.



CRS REP
STATE OF OHIO
CRS JRUR354F

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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
DATE	HOBBS	TOTAL TIME	
8/9/99	1015.7	4702.0	
REPLACED LEFT VAC. PUMP RUN-UP AND LEAK CHECK OK (SEE WORK ORDER 2001788).			
 STATE OF OHIO FAA REPAIR STATION JRUR354F			
DATE	HOURLMETER	TOTAL TIME	
12/6/99	1053.9	4740.2	
COMPLIED WITH AN ANNUAL INSPECTION USING THE MANUFACTURE'S INSPECTION GUIDE. REPACKED ALL WHEEL BEARINGS REPLACED BOTH BRAKE ROTORS. REPLACED THE RIGHT BRAKE LININGS. REPLACED THE LEFT TIRE AND TUBE. REPLACED THE PILOT'S MAP LIGHT SWITCH. REMOVED THE BRACKETT ENGINES INDUCTION AIR FILTERS AND INSTALLED PIPER PART NUMBER PAPER AIR FILTERS. AD 84-26-02 NOW DUE AT 5240.2 AIRCRAFT TOTAL TIME. REINSTALLED OUTBOARD EXHAUST PIPE ON RIGHT ENGINE AFTER REPAIR BY WINNER AVIATION (SEE YELLOW TAG). REPLACED ALL ENGINE SHOCK MOUNTS. REPLACED ALL ENGINE FLUID HOSES FROM AVIAL (SEE RELEASE SHEET). I CERTIFY THIS AIRCRAFT/ENGINE/PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A(N) <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECKED THRU BI-WEEKLY ISSUE <u>99-22</u> AND CHECKED FOR COMPLIANCE.			
 STATE OF OHIO FAA REPAIR STATION JRUR354F			
N84OH AIRFRAME MAINTENANCE RECORDS AZTEC 23-250 S/N 27-4755			
DATE	HOURLMETER	ACTSN	WO
5/31/2000	1075.5	4761.8	2002236
C/W PIPER SB 401A HEATER FUEL SHUT OFF VALVE, PART 1. VERIFIED THE VALVE IS PROPERLY SAFETIED PER AZTEC MAINTENANCE MANUAL.			
 STATE OF OHIO 145 CRS JRUR354F			
SUB-TOTAL this page			
TOTAL—Carry forward to next page			

DATE	TOTAL TIME	TACH OR RECORDING	DESCRIPTION OF WORK PERFORMED
N84OH AIRFRAME MAINTENANCE RECORDS AZTEC 23-250 S/N 27-4755			
DATE	A/C TOTAL TIME	PTSN	PTSO WO2002263
7/07/2000	4766.4	3918.7	182.5
REMOVED LEFT PROPELLER FOR REPAIR OF LEAKING GRIP SEAL.			
 STATE OF OHIO 145 CRS JRUR354F			
N84OH AIRFRAME MAINTENANCE RECORDS AZTEC 23-250 S/N 27-4755			
DATE	A/C TOTAL TIME	PTSN	PTSO WO2002263
7/11/2000	4766.4	3918.7	182.5
INSTALLED REPAIRED LEFT PROPELLER. AIRCRAFT PROPELLER SERVICES WO 57030, 7/7/2000. RUN UP & FUNCTION TEST NORMAL. THE REPAIR STATION CERTIFIES THE INSTALLATION OF THIS PROPELLER TO BE AIRWORTHY.			
 STATE OF OHIO 145 CRS JRUR 354F			
Date:	Tach:	T.T.S.N.:	
09-11-2000	4448.3	6562.0	
50 Hour Inspection completed this date I.A.W. Piper Aztec Service Manual. See W/O # 2002358 for details. -----END-----			
 State of Ohio FAA Repair Station # JRUR354F			
Date:	A/C T.T.	Tach:	
10/20/2000	5709.4	1008.8	
Replaced number one nav-com. Replaced starter vibrator in heater. Details of the work performed are on file at this agency under work order # 2002421.			
Signed  CRS # JRUR354F			
DATE	HOURLMETER	ACTSN	WO
3/16/01	1120.6	4809.8	2002585
COMPLIED WITH AN ANNUAL INSPECTION USING PIPER'S INSPECTION GUIDE. REPLACED THE LEFT ELECTRIC FUEL BOOST PUMP WITH AN OVERHAULED UNIT, S/N 04204. REPLACED THE ELT WITH A FAR 91.207 CERTIFIED UNIT, S/N C11036, BATTERY EXPIRES 1/15/03. RELINED BOTH BRAKES. REPACKED ALL WHEEL BEARINGS.			
THIS REPAIR STATION CERTIFIES THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECK THROUGH 2001-03.			
 CRS REP STATE OF OHIO CRS JRUR354F			

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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DATE HOBBS TOTAL TIME
01-04-99 0955.2 4641.5

Removed damaged nose gear strut. Installed new strut P/N 31767-00. All work done in accordance with Piper Aztec Service Manual.


STATE OF OHIO
FAA REPAIR STATION JRUR354F

DATE HOBBS TOTAL TIME
01-25-99 0955.2 4641.5

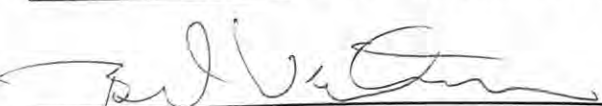
Installed new left inboard fuel cell. All work done in accordance with Piper Aztec Service Manual.


STATE OF OHIO
FAA REPAIR STATION JRUR354F

DATE HOBBS TOTAL TIME
2/23/99 955.2 4641.5

COMPLIED WITH AN ANNUAL INSPECTION USING MANUFACTURE'S INSPECTION GUIDE. REPLACED RIGHT ELECTRIC FUEL BOOST PUMP ASSEMBLY WITH A SERVICEABLE UNIT. REPLACED FUEL QUANTITY INDICATION SYSTEM IN ACCORDANCE WITH PIPER SERVICE SPARES LETTER NUMBER 406, DATED 7/24/90. REPLACED ENGINE INSTRUMENT INDICATORS' CASE WITH NEW STYLE CASE, PART NUMBER 89488-002.

I CERTIFY THIS AIRCRAFT/ENGINE/PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A(N) 7-111009 INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECKED THRU BI-WEEKLY ISSUE 99-03 AND CHECKED FOR COMPLIANCE.


STATE OF OHIO
FAA REPAIR STATION JRUR354F

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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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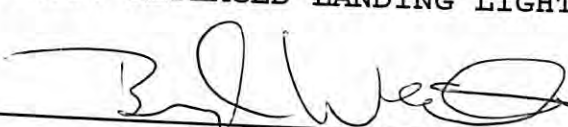
DATE: HOBBS: TOTAL TIME:
02/26/99 957.0 HRS. 1005.2 HRS.

REMOVED LEFT BOOST PUMP SERIAL NUMBER 10-94. INSTALLED LEFT BOOST PUMP SERIAL NUMBER 09781. OPERATIONAL CHECK NAD LEAK CHECK SATISFACTORY.

 JRUR 354F

DATE HOBBS TOTAL TIME
6/14/99 1002.6 4688.9

COMPLIED WITH 50 HR INSPECTION USING MANUFACTURE'S GUIDE. REPLACED LEFT TIRE AND TUBE WITH NEW. REPACKED LEFT WHEEL BEARINGS. REPLACED LANDING LIGHT.


STATE OF OHIO
FAA REPAIR STATION JRUR354F

DATE HOBBS TOTAL TIME
07-23-99 1013.8 4700.1

CW AD.#99-14-01 (aircraft flight manual insert) by installing a copy of AD 99-14-01 into the aircraft flight manual in the limitations section. This AD supercedes AD 98-04-27. This aircraft is ready for return to service.


State of Ohio
FAA Repair Station JRUR354F

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	4583.9		TOTAL brought forward from previous page
DATE	A/C TOTAL HRS.	HOURLMETER	
1/13/98	4583.9	897.6	
COMPLIED WITH 100HR/ANNUAL INSPECTION USING MANUFACTURE'S INSPECTION GUIDE. REPLACED BOTH FLAPS. INSTALLED FLAP P/N (RIGHT) 17104-069 S/N 080697-002S, P/N (LEFT) 17104-068 S/N 120597-001S. BOTH FLAPS INSTALLED WITH PIPER HARDWARE KIT P/N 760-869. FLAP REPLACEMENT RELIEVES AD81-04-05. REPLACED CENTRAL INSTRUMENT VACUUM FILTER WITH NEW. REPACKED ALL WHEEL BEARING. RESEAL BOTH BRAKE MASTER CYLINDERS. REMOVED CD AIRMOTIVE PRODUCTS HEATER P/N 1059, S/N 101691-1. INSTALLED JANITROL HEATER M/N B3500, P/N FR37D77-1EL, S/N A97020005, SEE 337 THIS DATE. INSTALLED NEW HEATER HOURLMETER. REPLACED RIGHT SPINNER BULKHEAD WITH NEW. REPLACED AND RIGGED NOSE GEAR UPLOCK SWITCH WITH NEW. REPLACED BOTH ALTERNATOR BELTS WITH NEW. I CERTIFY THIS AIRCRAFT/ENGINE/PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A(N) <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECKED THRU BI-WEEKLY ISSUE <u>97-25</u> AND CHECKED FOR COMPLIANCE. <i>[Signature]</i> STATE OF OHIO FAA REPAIR STATION JRUR354F ** AIRCRAFT LOG N840H S/N 27-4755 **			
DATE	A/C TOTAL HRS.	HOURLMETER	
7/20/98	4596.7	910.4	
Replaced flap torque tube, P/N 17634-000, left control horn P/N 16424-000 and right control horn P/N 16423-000. Replaced fabric seal on right side of fuselage. Repaired right flap fairing. Flap system rigged per aircraft maintenance manual. <i>[Signature]</i> STATE OF OHIO FAA REPAIR STATION JRUR354F			

TOTAL—Carry forward to next page

TOTAL—Carry forward to next page

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
DATE	A/C TOTAL HRS.	HOURLMETER	
8/11/98	4614.6	928.3	
REPLACED NOSE GEAR TRUNNION HOUSING WITH SERVICABLE UNIT. REPLACED FRONT HALF OF THE STEERING COLLAR WITH NEW. LUBED NOSE GEAR. CHECKED RETRACTION AND STEERING RIGGING. <i>[Signature]</i> STATE OF OHIO FAA REPAIR STATION JRUR354F			
DATE	A/C TOTAL HRS.	HOURLMETER	
9/30/98	4629.6	943.3	
Completed 50 hour inspection this date in accordance with manufactures maintenance manual. <i>[Signature]</i> STATE OF OHIO FAA REPAIR STATION JRUR354F			
DATE	HOBBS	TOTAL TIME	
12-01-98	0952.7	4639.0	
Installed new Elt head and battery. New battery due date is Nov. 29,2000. <i>[Signature]</i> STATE OF OHIO FAA REPAIR STATION JRUR354F			
YOUNGSTOWN-WARREN REGIONAL AIRPORT • VIENNA, OH 44473 PHONE: (330) 856-5000 • FAX: (330) 856-4582 December 28,1998 ~ N840H ~ PA23-250 ~ S/N 27-4755 ~ AFTT 4641.5			



WINNER
AVIATION
CRS W6NR985J

Painted new nose gear upper strut body p/n 31768-003 with Matterhorn White 570-535, per customer request prior to shipping, in accordance with Piper PA23-250 maintenance manual section 2-23.

The maintenance operations described above were inspected I.A.W. current Federal Aviation Regulations, and with respect to the work performed the aircraft and or component is approved for return to service for discrepant items above. Details are on file at this agency under work order number 15-00222 Signed Jay B. Housel For, Winner Aviation Corporation, Certified Repair Station: W6NR985J.

AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N840H

Aircraft Mfg. PIPER Model P23-250E (SIX PK) Serial No. 27-4755

Engine Mfg. _____ Model _____ Serial No. _____

Engine Mfg. _____ Model _____ Serial No. _____

Propeller Mfg. _____ Model _____ Serial No. _____

Hub Design No. _____ Hub Serial No. _____

Blade Design No. _____ Blade Serial No's. _____

Propeller Mfg. _____ Model _____ Serial No. _____

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
(516) 765-9375
FAX: (516) 765-9359

THE
adlog[®]

AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**

DATE: 10/04/96 HOBBS: 697.1 HRS. TOTAL TIME: 4383.4 HRS.

COMPLETED THIS DATE A 100-HOUR/ANNUAL INSPECTION I/A/W MANUFACTURERS INSPECTION GUIDE AND MAINTENANCE MANUAL. REPLACED LEFT AND RIGHT MAIN GEAR BRAKE PADS. REPACKED LEFT AND RIGHT MAIN GEAR AND NOSE GEAR WHEEL BEARINGS. REPLACED LEFT AND RIGHT MAIN GEAR SCISSORS BUSHINGS AND BOLTS. REPLACED NOSE GEAR SCISSORS BUSHINGS AND BOLTS. REPLACED NOSE TIRE. ADJUSTED NOSE GEAR SHIMMY DAMPENER. REPETITIVE AD'S COMPLETED AT AIRCRAFT TIME 693.5 HRS. AD'S CHECKED THROUGH BI-WEEKLY 96-22.

Date 10/04/96 Tach 697.1 Total 4383.4
I certify that this aircraft/engine has been inspected in accordance with a 100-Hour/Annual inspection and was determined to be airworthy this date.
A.D.'s checked thru 96-22 and complied with as required.

Signed Phil Hess
State of Ohio
FAA Repair Station JRUR354F

10/4/96 697.1 Hobbs total 4383.4

Clw Repetitive ~~insp~~ AD inspections (see AD log sheets) Phil Hess JRUR354F

DATE: 1/6/97 HOBBS: 716.7 TOTAL TIME: 4403.0

REPLACED STARTING VIBRATOR WITH NEW UNIT.

Phil Hess
FAA REPAIR STATION JRUR354F

DATE: 06/20/97 A/C TOTAL HRS. 4483.8 TACH HRS. 797.5

COMPLETED ANNUAL INSPECTION, USING PIPER INSPECTION GUIDE. REPLACED AND RIGGED FLAP TRANSMITTER. PREFORMED LANDING GEAR RETRACTIONS. ADJUSTED LEFT GEAR DOORS FOR PROPER CLOSURE. INSTALLED SPIRAL RAP ON BRAKE LINES. CLEANED AND REPACKED ALL WHEEL BEARINGS. LUBED GEAR AND AIRFRAME AS REQUIRED. SERVICED POWER PAC. ADJUSTED RUDDER AND ELEVATOR CABLE TENSIONS AND SAFETIED. REPLACED STABILATOR BUNGEE PULLEY.

C/W SB 564 RIGGING SEQUENCE OF EMERGENCY GEAR EXTENSION.
C/W AD68-07-4R2 ENGINE MOUNT CRACKS RIGHT & LEFT.
C/W AD72-14-5R1 EXHAUST PIPE INSPECTION RIGHT & LEFT.
C/W AD80-18-10 FUEL VALVE CONTROL CABLES & OPERATION.
C/W AD81-04-5R1 FLAP CONTROL HORN AND HINGE INSPECTION.
C/W AD88-21-7 WATER LEAKAGE INTO FUEL CELLS.
C/W AD93-02-5 FUEL INJECTION LINES RIGHT & LEFT ENGINE.

I CERTIFY THIS AIRCRAFT/ENGINE/PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A(N) Annual INSPECTION AND WAS DETERMINED TO BE AIRWORTHY THIS DATE. AD'S CHECKED THRU BI-WEEKLY ISSUE 97-11 AND CHECKED FOR COMPLIANCE.

Phil Hess
STATE OF OHIO
FAA REPAIR STATION JRUR354F

DATE: 09/04/97 ACFT. TOTAL TIME: 4534.3 HRS. HOBBS: 848.0 HRS.

PRFORMED 50 HOUR INSPECTION IN ACCORDANCE WITH MANUFACTURERS INSPECTION GUIDE. SERVICED TIRES TO PROPER PRESSURES.

Phil Hess
FAA REPAIR STATION JRUR354F

AIRCRAFT LOG N840H S/N 27-4755

DATE 3/6/96 AIRCRAFT TOTAL TIME 4279.4 HOUR METER 593.1

Complied with 100 hr/annual inspection using the manufactures guide. Repacked all wheel bearings. Replaced all engine shock mounts with new. Removed all fuel quantity transmitters for reseal and overhaul by Keystone Instruments Inc. Reinstalled fuel transmitters. Replaced landing light with new. Replaced lower center consol panel cover with new. Installed Piper kit 760-744 (alternator warning light installation). Complied with Piper SB991 by replacing fuse size in the alternator warning light system. Replaced all left brake linings with new. Complied with aircraft heater pressure decay test. Next due at 182.7 heater hours or 3/98 whichever comes first. Replaced all hinges on left engine cowl flaps with new. Replaced both cabin speakers with new. Static and transponder due 1/98. Elt due 1/97.

I certify that this aircraft/engine/propeller has been inspected in accordance with a(n) Annual inspection and was determined to be airworthy this date. AD's checked thru bi-weekly issue 96-03 and checked for compliance.

Signed [Signature] State of Ohio
FAA Repair Station JRUR354F

DATE 6/6/96 AIRCRAFT TOTAL TIME 4329.5 HOUR METER 643.2

Completed 50hr inspection this date in accordance with Piper inspection report. Aircraft operational checks sasifactory.

I certify that this aircraft/engine/propeller has been inspected in accordance with a(n) 50 hr inspection and was determined to be airworthy this date.

Signed [Signature] State of Ohio
FAA Repair Station JRUR354F

DATE 1/28/97 HOBBS 721.5 TOTAL TIME 4407.8

REPLACED NARCO ELT WITH RECERTIFIED UNIT. NEW BATTERY REPLACEMENT DUE 11/13/98.

[Signature]
FAA REPAIR STATION JRUR354F

DATE 3/28/97 HOBBS 740.3 TOTAL TIME 4426.7

REPLACED LEFT INBOARD FUEL CELL WITH NEW. NEW CELL MANUFACTURED BY FFC MANUFACTURING, PART NUMBER 520, SERIAL NUMBER CR503, DATE OF MANUFACTURE 1/97.

[Signature]
STATE OF OHIO
FAA REPAIR STATION JRUR354F

DATE 4/8/97 HOBBS 753.4 TOTAL TIME 4439.7

PERFORMED 50 HR INSPECTION USING MANUFACTURES INSPECTION GUIDE. REPLACED LANDING LAMP WITH NEW.

[Signature]
STATE OF OHIO
FAA REPAIR STATION JRUR354F

DATE 04/30/97 HOBBS 765.1 TOTAL TIME 4451.4

REPLACED CO-PILOTS DIRECTIONAL GYRO. SEE CAPITAL AIRCRAFT ELECTRONICS SERVICEABLE TAG DATED 4-30-97 FOR DETAILS.

[Signature]
STATE OF OHIO
FAA REPAIR STATION JRUR354F

DATE	A/C TOTAL HRS.	TACH HRS.
03/21/95	4136.2 HRS.	450.1 HRS.

COMPLETED 50 HR INSPECTION IAW MANUFACTURES INSPECTION GUIDE.
OPERATIONAL CHECK OF AIRCRAFT SYSTEMS SATISFACTORY.

James P. Palmer
FAA REPAIR STATION JRUR354F

DATE	A/C TOTAL HRS.	TACH HRS.
08/21/95	4185.6	500.0

COMPLETED ANNUAL INSPECTION, USING PIPER INSPECTION GUIDE.
REPLACED OVERHEAD FWD TRIM CRANK ASSEMBLY, FOR RUDDER AND ELEVATOR
TRIM. REPLACED LANDING LIGHT BULB. RESEALED LEFT MAIN LANDING GEAR
RETRACT ACTUATOR. PERFORMED LANDING GEAR RETRACTION. REPLACED SIX
WORKING RIVETS IN LOWER RIGHT SPAR PLATE. REPLACED GASKETS ON ALL FUEL
CAP COVER LIDS. REPLACED RT ENGINE INBOARD EXHAUST PIPE WITH NEW PIPE.
REATTACHED LEFT COWL FLAP CABLE. MADE FIBERGLASS REPAIR TO BOTH
COWLING NOSE BOWLS.

C/W AD68-07-4R2 ENGINE MOUNT CRACKS RIGHT & LEFT
C/W AD72-14-5R1 EXHAUST PIPE INSPECTION RIGHT & LEFT.
C/W AD80-18-10 FUEL VALVE CONTROL CABLES & OPERATION.
C/W AD81-04-5R1 FLAP CONTROL HORN INSPECTION.
C/W AD88-21-7 WATER LEAKAGE INTO FUEL CELLS.
C/W AD93-02-5 FUEL INJECTION LINES RIGHT & LEFT ENGINE.

Date 8/21/95 Tach 500 Total 4186
I certify that this aircraft/engine has been
inspected in accordance with a Annual
inspection and was determined to be airworthy
this date.
A.D.'s checked thru 25-15 and complied
with as required.
Signed *James P. Palmer*
State of Ohio
FAA Repair Station JRUR354F

DATE	HOBBS	TOTAL TIME
10-20-95	550.7	4237.0

PERFORMED 50 HR INSPECTION USING MANUFACTURES INSPECTION GUIDE

Date 10/20/95 Aircraft Total Hrs 4237.0
I certify that this aircraft/engine has been
inspected in accordance with a 50 hr
inspection and was determined to be airworthy
this date.

Signed *[Signature]*
State of Ohio
FAA Repair Station JRUR354F

[illegible]

** AIRCRAFT LOG N840H S/N 27-4755 **

DATE	A/C TOTAL HRS.	TACH HRS.
08/24/94	4034.5	348.2

COMPLETED 50 HR INSPECTION IAW MANUFACTURES INSPECTION GUIDE.
OPERATIONAL CHECK OF AIRCRAFT SYSTEMS SATISFACTORY.

FAA REPAIR STATION JRUR354F

DATE	A/C TOTAL HRS.	TACH HRS.
01/13/95	408 8 .0	399.9

ANNUAL INSPECTION COMPLETED THIS DAY USING PIPER INSPECTION GUIDE.
ALL FLIGHT CONTROL CABLES & CONTROL SURFACES INSPECTED. LANDING GEAR
LUBED. WHEEL BEARINGS REPACKED. BRAKES CHECKED & INSPECTED.
REPLACE CABIN DOOR SEAL & ADJUSTED DOOR HINGES & LATCH. OPENED
EMERGENCY EXIT WINDOW, REPAIRED SEAL FOR AIR LEAK. REPLACED ENGINE
DUAL FUEL FLOW INSTRUMENT. REPLACED PROP DEICER AMPMETER & SHUNT.
REPLACED TAXI LAMP. PERFORMED LANDING GEAR RETRACTION. ELT CERTIFIED,
NEW EXPIRE DATE JAN 97.

C/W AD68-07-4R2 ENGINE CRACKS RIGHT & LEFT MOUNT.
C/W AD72-14-5R1 EXHAUST PIPE INSPECTION RIGHT & LEFT.
C/W AD80-18-10 FUEL VALVE CONTROL CABLES & OPERATION.
C/W AD81-04-5R1 FLAP CONTROL HORN INSPECTION.
C/W AD88-21-7 WATER LEAKAGE INTO FUEL CELLS.
C/W AD93-02-5 FUEL INJECTION LINES RIGHT & LEFT ENGINE.

Date 1/13/95 Tach 337.7 Total 4456 hrs
I certify that this aircraft/engine has been
inspected in accordance with a SAFETY
inspection and was found to be airworthy
this date.
A.D.'s check # 74-26 and complied
with as required.

Signed James P. Korman
State of MD
FAA Repair Station JRUR354F

AIRCRAFT LOG N840H S/N 27-4755

DATE:
12/22/92

TOTAL TIME:
3914.0 HRS.

HOBBS:
227.7 HRS.

COMPLIED WITH ANNUAL INSPECTION THIS DATE I/A/W
MANUFACTURERS INSPECTION GUIDE. REPAIRED LEFT ENGINE INBOARD
NOSE BOWL. CHECKED CABLE TENSIONS. LUBRICATED FLIGHT CONTROL
HINGE POINTS AND LANDING GEAR. PERFORMED OPERATIONAL CHECK
OF AIRFRAME SYSTEMS. COMPLIED WITH REPETITIVE AD'S
68-07-06, 72-14-05, 80-18-10, 81-04-05, AND 88-21-07.
AD'S CHECKED THROUGH 92-23.

Date 12/22/92 Tach 227.7 Total 3914.0
I certify that this aircraft ~~engine~~ has been
inspected in accordance with a Annual
inspection and was determined to be airworthy
this date.

A.D.'s checked thru 92-23 and complied
with as required.

Signed Phil Hess
State of Ohio
FAA Repair Station JRUR354F

** AIRCRAFT LOG N840H S/N 27-4755 **

01-19-93 3916.0 229.7

AUTOPILOT DEEMED UNECONOMICAL TO REPAIR. AUTOPILOT DISCONNECTED
AND PLACARDED INOP. AUTOPILOT TO BE REPLACED OR REMOVED AT NEXT ANNUAL
INSPECTION.

Kevin L. Staller
FAA REPAIR STATION JRUR354F

DATE A/C TOTAL HRS. TACH HRS.
08-13-93 3961.8 275.5

COMPLETED 50 HOUR INSPECTION. CHANGED HYDRAULIC FILTER PN 572754.
DRAINED AND INSP FUEL BOWLS, CLEANED ENGINE AIR FILTERS.

Robert Deacon
FAA REPAIR STATION JRUR354F

DATE A/C TOTAL HRS. TACH HRS.
8-23-93 3964.5 278.2

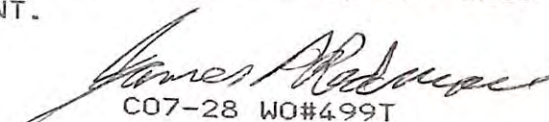
REPLACED ELT BATTERY. REPLACEMENT DUE 9/95.

Bob Wilson
FAA REPAIR STATION JRUR354F

** AIRCRAFT LOG N840H S/N 27-4755 **

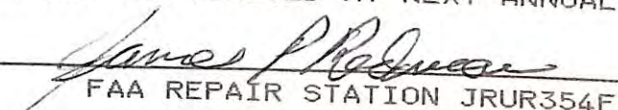
DATE	A/C TOTAL HRS.
18 MAR 91	3696.0

REPLACED LEFT INBOARD FUEL TANK WITH NEW TANK, P/N 454-320, S/N 125.
ALL NEW GASKETS INSTALLED. NO LEAKS PRESENT.


C07-28 W0#499T

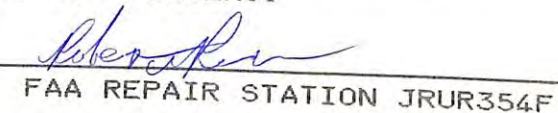
DATE	A/C TOTAL HRS.	TACH HRS.
01-19-93	3916.0	229.7

AUTOPILOT DEEMED UNECONOMICAL TO REPAIR. AUTOPILOT DISCONNECTED
AND PLACARDED INOP. AUTOPILOT TO BE REPLACED OR REMOVED AT NEXT ANNUAL
INSPECTION.


FAA REPAIR STATION JRUR354F

DATE	A/C TOTAL HRS.	TACH HRS.
08-13-93	3961.8	275.5

COMPLETED 50 HOUR INSPECTION. CHANGED HYDROLIC FILTER PN 572754.
DRAINED AND INSP FUEL BOWLS, CLEANED ENGINE AIR FILTERS.

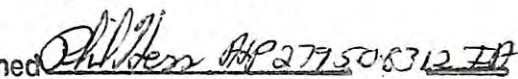

FAA REPAIR STATION JRUR354F

DATE.
08/12/91

A/C TOTAL TIME.
3739.7

TACH HRS.
53.4

F.D. AND AUTOPILOT DISCONNECTED FOR MAINTENANCE REASONS.

Signed  2750831277
State of Ohio
FAA Repair Station JRUR354F

AIRFRAME LOG ENTRY dated: May 2, 1990 Work Order No: 3206

Aircraft Piper PA 23-250E Serial No. 27-4755 Reg. No. N840H

Recovered cabin interior as follows; headliner replaced, side panels, kick panels and floor carpeting replaced. All seats and arm rests recovered. All materials used conform to FAR 25.853(b) specs. All seat belts replaced with new webbing and hardware by Aircraft Belts, Kemah, Texas. Aircraft exterior paint stripped, etched, alodined, primed and painted with the following DuPont Imron colors; white-N7817U, blue-67060U and red-77968U. Horizontal stabilator balance checked. Flight controls and tabs checked for security, freedom of movement and operation. Gear retraction performed. -----

H.M./Tech: 1300.05 Total Time 3674.55 Total Cycles _____

Repairman, Mechanic, Inspector--Sign [Signature] Cert. No. AP158301754
For **Stevens Aviation**, CRS VIB4368K, Dayton Intl Airport, Vandalia, Ohio 45377

** AIRCRAFT LOG N840H S/N 27-4755 **

DATE	A/C TOTAL HRS.	TACH HRS.
26 NOV 90	3686.3	00.00

ANNUAL INSPECTION COMPLETED THIS DATE USING MANUFACTURE'S INSPECTION GUIDE. INSTALLED THE FOLLOWING NEW PARTS, ALL CABIN SIDE WINDOWS, EMERGENCY EXIT WINDOW, PASSENGER DOOR HINGES. INSTALLED NEW FLIGHT CONTROL CABLES TO INCLUDE ALL AILERON, ALL RUDDER, ALL ELEVATOR CABLES. ALL FLIGHT CONTROLS RIGGED AND CABLE TENSIONS SET USING PIPER MAINTENANCE INSTRUCTIONS. INSTALLED NEW ENGINE CONTROL CABLES, THROTTLE, PROP CONTROL, MIXTURE, ALTERNATE AIR CABLES & ALTERNATE AIR DOORS FOR RIGHT & LEFT ENGINES. RIGHT ENGINE MOUNT REPLACED WITH EXCHANGE UNIT SUPPLIED BY KOSOLA CO. ALL NEW ENGINE MOUNT BOLTS INSTALLED. INSTALLED NEW RUDDER HORN & BEARING. INSTALLED NEW UP SWITCH ON NOSE AND RIGHT, LEFT LANDING GEAR. LANDING GEAR RETRACTION PREFORMED. INSTALLED 65-403 MODULE PROP. DEICE KIT. INSTALLED NEW ROD END BEARINGS ON AILERON PUSH PULL ROD, RIGHT & LEFT. C/W AD90-23-18, SB#932A PIPER BY INSTALLING FUEL TANK WEDGE KIT P/N 599-367 IN EACH FUEL TANK, AS PER BULLETIN INSTRUCTION. C/W AD88-21-07R1 WATER LEAKAGE INTO FUEL CELL. INSPECTED FUEL CAPS AND COVER GASKETS. C/W AD82-07-03 HEATER COMBUSTION LINER LEAKAGE. DIFFERENTIAL TEST SHOWS NO LEAKS. NEXT DUE AT NOV 92 OR 420.6 HEATER HOURS. C/W AD84-26-02 INDUCTION AIR FILTER. AIR FILTERS INSTALLED NEW. AIRCRAFT RUNUP NORMAL. AIRCRAFT IN AIRWORTHY CONDITION AND RELEASED FOR TEST FLIGHT.

ELT	DUE JAN 92
XPONDER	DUE NOV 91
ALT/STATIC	NOV 91
HEATER	DUE NOV 92

[Signature]
C07-28 WB#427

DATE	A/C TOTAL	TACH HRS.
19 DEC 91	3687.6	2.3

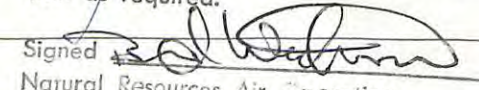
AIRCRAFT TEST FLOWN. NO ADJUSTMENT OR DISCREPANCY. AIRCRAFT RELEASED FOR SERVICE.

[Signature]
C07-28

DATE	A/C TOTAL HRS.	TACH HRS.
11 FEB 91	3696.0	9.7

REPAIRED DOOR AJAR LIGHT. REPLACED LANDING AND TAXI LIGHT. LEFT MIXTURE CONTROL ADJUSTED. LEFT PUSH TO SWITCH REPAIRED. MARKER BEACON, TRANSPONDER REPAIRED BY OSU.

[Signature]
C07-28 WB#4907

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
1/4/90	3656.1	1281.6	Yw Annual Inspection opened all panels lubed aircraft service aircraft battery. Replaced right fuel selector valve with a Dukes unit. Replaced left inboard with Re-manufactured unit (see yellow tag) S/N W-4718. Replaced other 3 fuel tank cells with new units. Installed Cleveland Conversion kit 199-63 (no weight change). Removed, stripped, Re-bushed, ^{Resealed} new Re-painted and Reinstalled all landing gear struts. Replaced both engine air filter air boxes with new. Installed Alternate induction air kit 700-806 on both engines. New Fuel cell S/Ns Left out. 077 Right out 086 right in 087. Replace both master cylinders with new. Replaced all Brake and Hydraulic hoses. Resealed both parking brake valves. Replaced all fuel quantity sender units with new. Replaced landing gear handle P/N 761213 with new. Removed, inspected and Reinstalled Emergency exit window. weighed Emergency gear extension CO₂ bottle. Replaced all 3 tires and tubes with new and balanced. Repacked all wheel bearings See AD log for compliance
ANNUAL INSPECTION			
	Date 1/4/90	Tach 1281.6 Total 3656.1	ELT Due 6/90
	I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be airworthy this date.		91.171 Due 1/91
	A.D.'s checked thru 89-24 and complied with as required.		91.172 Due 1/91
	Signed 		
	Natural Resources Air Operations		
	F.A.A. Repair Station No. CO 7-28		

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE AIRCRAFT TOTAL HRS. TACH HRS.
4 JAN 90 3656.1 1281.6

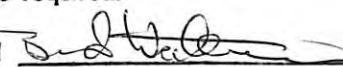
ANNUAL INSPECTION COMPLETED THIS DAY USING PIPER INSPECTION GUIDE. OPENED ALL INSPECTION PANELS, LUBE AIRCRAFT, SERVICED BATTERY. REPLACED RIGHT FUEL SELECTOR VALVE WITH NEW DUKES UNIT. REPLACED FUEL CELLS, LEFT INBOARD REMAN. S/N W4718. ALL OTHER CELLS NEW. INSTALLED CLEVELAND CONVERSION KIT 199-63 WHEEL & BRAKES. REMOVED ALL LANDING STRUTS, DISASSEMBLED, STRIPPED PAINT, DYE CHECKED. INSTALLED NEW BUSHINGS, SEALS, BOLTS, REASSEMBLED PAINTED AND SERVICED STRUTS REINSTALLED. LANDING GEAR RIGGED IAW PIPER SERVICE MANUAL. LANDING GEAR CYCLED BY POWER PACK AND HAND PUMP. REPLACED AIR FILTER BOX, RIGHT/LEFT NACELLE. INSTALLED ALTERNATE AIR INDUCTION KIT RIGHT/LEFT SIDE. REPLACED BRAKE MASTER CYLINDERS WITH NEW. RESEALED PARKING BRAKE VALVES. INSTALLED NEW HYDRAULIC AND BRAKE HOSES. INSTALLED NEW FUEL QUANTITY SENDER UNITS ALL FUEL TANKS. INSTALLED NEW LANDING GEAR SELECTOR HANDLE P/N761213. REMOVE/INSPECTED/REINSTALLED EMERGENCY EXIT WINDOW. WEIGHED CO₂ BOTTLE FOR LANDING. INSTALLED THREE NEW TIRES AND TUBES, REPACKED ALL WHEEL BEARINGS. AIRCRAFT REGISTRATION NUMBER CHANGED FROM N459G, NEW N840H. AD C/W SEE ADLOG SECTION. AIRCRAFT IN AIRWORTHY CONDITION.

ANNUAL INSPECTION

ELT DUE 6/90
XPONDER 11/91
ALT/STATIC 11/91

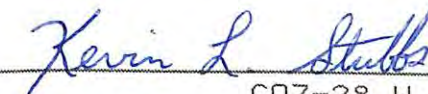
Date 1/4/90 Tach 1281.6 Total 3656.1

I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and was determined to be airworthy this date.
A.D.'s checked thru 89-24 and complied with as required.

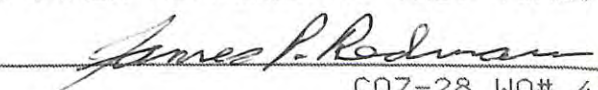
Signed 
Natural Resources Air Operations
F.A.A. Repair Station No. CO 7-28

DATE AIRCRAFT TOTAL TIME TACH
01-22-90 3665.2 1291.1

REMOVED ELT. INSPECTED ELT AND REPLACED BATTERY. REINSTALLED ELT AND TESTED FOR PROPER OPERATION. BATTERY REPLACEMENT DATE 1/92. NO OTHER REPAIRS AT THIS TIME.


CO7-28 W.O. 395T

DATE AIRCRAFT TOTAL HRS. TACH HRS.
23MAR90 3674.1 1300.0
REPLACED RIGHT/LEFT WINDSHIELD. USED NEW HDW AND SEALER. WINDSHIELD INSTALLED IAW PIPER SERVICE MANUAL. NO OTHER REPAIRS AT THIS TIME.


CO7-28 WO# 415T

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
2-19-88	3555.6	1182.5	in accordance with an 100 hour inspection and I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>General</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>Charles L. Lawrence</u> DATE <u>Feb 19, 1988</u> SIGNATURE <u>[Signature]</u> CERTIFICATE No. <u>1855116-2A</u>
5-26-88	3581.3	1206.8	Installed new nose wheel tire on wheel, re- packed wheel bearings and reassembled. A/C returned to service. <u>Mark D. Harder</u> APP 287.568501
6-8-88	3581.3	1206.8	REMOVED EXPIRED ELT BATTERY, REPLACED WITH NEW ELT BATTERY. TESTED - OK EXPIRES 6-1990 <u>Donald W. Burroughs</u> APP 1886886
9-26-88	3616.2	1241.7	Installed new seals in right main BEAR. STRUT serviced with mil-H-5606. A/C returned TO service. <u>Kevin L. Stubbs</u> APP 295581459 AI
30 SEP 88		1250.5	Replaced both brake discs and installed new brake linings on right & left main wheels. Brake function normal. w/o #270 <u>James P. Redman</u> APP 1875116-2A

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Aircraft Piper PA23-250E LOG BOOK ENTRY Reg. No. N459G

Serial No. _____ Airframe Date October 11, 1988

Replaced left main tire 700x6-8 PR & tube 7006. Balanced and reinstalled.

Tach: 1257.9

W.O. No. 2015 Sign. [Signature] for STEVENS AVIATION, INC.
Inspectorx Certified Repair Sta. #3719
Mechanic 270640171 Dayton International Airport
Repairmenx Cert. No. _____ Vandalia, Ohio 45377

29 Nov 89	3656.1	1281.6	THIS DATE: REPLACED DEFECTIVE NARCO ATISOTSO S/N 12244 WITH NEW ONE S/N 33188. ATC Transponder tests and inspections as required by FAR 91.172, IAW FAR 43, Appendix F have been performed Date <u>11-29-89</u> Model <u>ATISOTSO</u> S/N <u>33188</u> Date <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u> Signature: <u>[Signature]</u> Natural Resources Air Operations FAA Repair Station C07-28 Altimeter (s), static system, and altitude reporting equipment reporting equipment tests as required by FAR 91.171 IAW FAR 43, Appendix E have been performed Static system test date <u>11-29-89</u> Altimeters Tested by <u>CAPITAL</u> Repair Station <u>1106</u> LH S/N <u>D1093</u> Date <u>11-28-89</u> Tested to <u>20,000'</u> RH S/N <u>146711</u> Date <u>11-28-89</u> Tested to <u>20,000'</u> Signature: <u>[Signature]</u> Natural Resources Air Operations FAA Repair Station C07-28
			SUB-TOTAL this page

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			
5/11/87	3439.3	1068.4	Removed 4H Eng. Prop Gov, bench checked and Re-installed IAW-Maint. Manual. Returned to service 5/11/87 Mark D. Harder 287568501
7-20-87	3455.5	1082.5	100 HOUR - ANNUAL INSPECTION COMPLETED IN ACCORDANCE WITH PIPER PA23 INSPECTION GUIDE. INSTALLED 2ea P/N B3-5-1 VACUUM FILTERS. REMOVED TAIL STROBE POWER SUPPLY P/N A490 AND REPLACE WITH NEW UNIT P/N A490ATS-DF-14-28 S/N 33183. ALL ELECTRICAL VACUUM, FUEL & OIL LINES CHECKED FOR CONDITION AND SECURITY. ALL CABLES, PULLEYS HINGE POINTS AND FAIRLEADS CHECKED AND LUBRICATED AS REQUIRED. LANDING GEAR LUBRICATED AND RETRACTED AS REQUIRED I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND IS CONSIDERED TO BE IN AN AIRWORTHY CONDITION. Charles L. Lawrence A&P 1491147
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.			
DATE <u>7/20/87</u>			
SIGNATURE <u>Charles L. Lawrence</u>			
CERTIFICATE NO. <u>1774591 1A</u>			
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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			
9-23-87	3479.2	1106.1	Installed new P/N 33959-003 fuel pump assembly and P/N 760-898 fuel pump mounting kit. Charles L. Lawrence left engine A&P 1491147
11-02-87	3517.2	1144.1	Removed burned-out taxi bulb P/N G.E. 4509 100W 13V and installed new taxi bulb P/N G.E. 4509 100W 13V & tested. Kimberley Anne Chapman A&P 276681688
12-8-87	3531.1	1158.0	Installed new combustion blower motor P/N 753663 in Jonitrol heater. Fan housing and spacer modified per Jonitrol modification instruction sheet NO. 90E91. Installed new nose gear down lock switch and wiring harness P/N 487-864. Charles L. Lawrence A&P 1491147
2-19-88	3555.6	1182.5	100 hour inspection. Completed this date per Piper PA23 inspection guide. All electrical, fuel, oil and vacuum lines checked for condition and security. Installed new P/N 4522 landing light lamp, P/N 453-712 nose gear door bumper. All cables, pulleys, fairleads & hinge points inspected and lubricated as required. Landing gear lubricated and retracted. I certify that this aircraft has been inspected (cont. next page)
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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
6-23-86	3266.4	893.2	INSPECTED FOR CONDITION AND SECURITY. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND IS CONSIDERED TO BE IN AN AIRWORTHY CONDITION. Charles L. Lawrence A+P 1491147 CERTIFICATE NO. 17145118 SIGNATURE <i>Charles L. Lawrence</i> DATE 9-23-86 IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
7-18-86	3298.4	925.2	INSTALLED NEW BRAKE LININGS P/N 66-15, 4 ea AND 66-19, 8 ea ON BOTH RIGHT AND LEFT WHEELS. Charles L. Lawrence A+P 1491147
9-3-86	3332.0 3319.1	958.8 943.9	Removed main cabin door, installed new P/N 30139-00 striker plate, 19992-00 bushing, door handle, 19655-00 shaft assy, 70371-02 swivel, 70371-03 stud, 18067-06 tab assy, 33131-00 lock assy, reinstalled door. Charles L. Lawrence A+P 1491147

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10-24-86	3363.1	992.8	100 HOUR INSPECTION — COMPLETED IN ACCORDANCE WITH PIPER PA-23-250 INSPECTION GUIDE INSTALLED 3 NEW P/N 452-347 BEARINGS IN RUDDER, PLUS NEW ^{AN 4-15 2ea} BOLTS, P/N 20737-15, BUSHING, STABILATOR HORN, 400-708 BOLT RUDDER, P/N 14976-003 BUSHING STABILATOR HORN, P/N 7402-315 BOLT STABILATOR HORN, AND NEW NOSE GEAR STRUT HOUSING ASSY. P/N 31768-03 BATTERY AND HYDRAULIC SYSTEM SERVICED WITH FLUIDS. ALL ELECTRICAL, VACCUM AND ELECTRICAL LINES CHECKED FOR CONDITION AND SECURITY. LANDING GEAR LUBRICATED AND RETRACTED. ALL CABLES, PULLEYS, FARRLEADS AND HINGE POINTS CHECKED AND LUBRICATED AS REQUIRED. NEW SHIMMY DAMPNER LININGS P/N 31788-02, 2ea INSTALLED. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND IS CONSIDERED TO BE IN AN AIRWORTHY CONDITION. Charles L. Lawrence A+P 1491147

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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
1-6-86	3164.1	790.7	100 HOUR - ANNUAL INSPECTION. Completed in accordance with Piper inspection guide. Battery removed and serviced. Hydraulic fluids checked & serviced. RCA 11A-10 Directional Gyro, S/N 34487, Rim 305-2A Gyro Horizon S/N 235, AIM Flight Director Horizon 300-7CF S/N 2301 overhauled by Capital Aircraft Electronics, Ft. Collins CO. Details of O/H may be found under w/o's #11531, #11525, and #11526 dated 9-18-85. Kollsman Altimeter 671 BK-010 S/N 146711 O/H by Capital Aircraft Electronics, Ft. Collins CO. Details may be found under w/o 11521 dated 9-18-85. All electrical, vacuum and fuel lines checked for security and condition. A/c radios flight checked. Installed new P/N 32778-003 Pedestal Plate, new P/N 30139-000 Striker Plate and new 19644-000 latch guide in cabin door. Brake pad wear checked, landing gear lubricated and gear retraction completed. A/c cables, pulleys, fairleads and hinge points inspected and lubricated as required. I certify that this aircraft has been inspected in accordance with an 100 hour inspection and is considered to be in an

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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
			airworthy condition. All AD notes complied with to date. Charles L. Lawrence A+P 1491147
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE <u>1/6/86</u> SIGNATURE <u>John A. Dinton</u> CERTIFICATE NO. <u>17745911A</u>
4-2-86	3206.6	833.2	Removed Gyro Horizon AIM 300-7CF for repair. Details of repair may be found under w/o #12353 dtd. 3-28-86 by Capital Aircraft Electronics, Fort Columbus Ohio. Reinstalled Horizon in A/c. Charles L. Lawrence A+P 1491147
6-23-86	3266.4	893.2	100 HR-ANNUAL INSP. COMPLETED IN ACCORDANCE WITH PIPER PA 23 INSPECTION GUIDE. INSTALLED NEW ELT #BP1010 BATTERY. REPAIRED BROKEN WIRE TO NOSE GEAR DOWNLOCK. SERVICED BATTERY, HYDRAULIC FLUIDS. GEAR RETRACTION COMPLETED AND LUBRICATED. ALL INSPECTION PLATES REMOVED, CABLES, PULLEYS FAIRLEADS AND HINGE POINTS INSPECTED AND LUBRICATED AS REQUIRED. ALL ELECTRICAL, FUEL, OIL AND VACUUM LINES (CONT. NEXT PAGE)

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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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11-29-84	3014.2	641.5	Installed combustion air blower motor on fantrul heater. Motor O/H by C+D Automotive, Buchanan, Mich. under w/o 4211 dated 5/84. Charles L. Lawrence A+P1491147
12-4/84	3018.3	645.6	Removed parking brake valves (Hoop) and installed new "O" rings. Brake system bleed. Charles L. Lawrence A+P1491147
12-12-84	3018.3	645.6	Installed new Gill Q35 Battery Charles L. Lawrence A+P1491147
2-7-85	3060.2	687.1	100 HOUR INSPECTION. completed I/A/w Piper inspection guide. Battery water, Brake reservoir, and hydraulic power sac serviced with fluids. Removed Co-Pilots vacuum driven Gyro Horizon and installed new 14 volt P/N 305-2A AIM Horizon. Installed new 700-6, 8 ply tires on both main gear and new P/N 66-19, & 66-15 brake pads on left main gear. Installed new 157-1 central instrument filter. All electrical, vacuum, oil and fuel lines checked for security and condition. Cont. next page
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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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	3060.2	687.1	All landing gear fittings lubricated and a landing gear retraction check was performed. All AD notes c/w to date. I certify that this aircraft has been inspected in accordance with an 100 hour inspection and is considered to be in an airworthy condition Charles L. Lawrence A+P1491147
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.			
DATE <u>2/7/85</u>			
SIGNATURE <u>Charles L. Lawrence</u>			
CERTIFICATE NO. <u>7748911A</u>			
1-3-85	Heater Hobbs	133.3	Performed Heater Pressure Decay Check. Log Aviation Corp R.S.#1104 w/o 10618 Mark L. Edmund
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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
1-23-84	2793.9	420.8	Installed new "O" rings P/N 755-903 (5R1009-3), 484 697 (AN6227-9), 484 708 (AN6227-6) and back up rings P/N 755904 & 755902 in nose gear door retract cylinder Charles L. Lawrence A+P 1491147
5-10-84	2825.3	452.2	100 hour - annual inspection All inspection plates removed. Battery water, hydraulic fluid levels checked. Landing gear retraction accomplished. Installed new parking brake cable Assy. P/N 17912-00 and spreader bar P/N 18325-00. Installed new brake linings P/N 66-19, 66-15, Brake cylinder P/N 757-845, Shim Plate P/N 752-964, Ring P/N 752-836 (Torque plate), and 3 each of P/N 752-749 Back Plate. on left main landing gear. CO ₂ bottle weighed at 139.5 grams. I certify that this aircraft has been inspected in accordance with an 100 hour inspection and is considered to be in an airworthy condition. Charles L. Lawrence A+P 1491147
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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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			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE <u>5-10-84</u> SIGNATURE <u>John D. Dator</u> CERTIFICATE No. <u>1774591 1A</u>
6-13-84	2869.2	496.1	Removed old taxi light bulb and installed new bulb, part number 4509, 100 W. 13 V. checked OK. Kimberley Anne Chapman A+P 276681688
6-22-84	2880.5	507.8	Service Bulletin #771 dtd 5-19-84, Parking Brake Application, c/w this date per S.B. Charles L. Lawrence A+P 1491147
9-3-84	2930.0	557.3	100 hour inspection completed I/c/w Piper Inspection Guide. Right master brake cylinder rebuilt using new "O" rings. Landing gear retraction accomplished and gear lubricated. All AD notes to date complied with. I certify that this aircraft has been inspected in accordance with an 100 hour inspection and is considered to be in an airworthy condition. Charles L. Lawrence A+P 1491147

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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10-21-83	2831.3	386.3	100 hour inspection
9-14-83		366.2	Installed new P/N 164-32F DISC and new 7.00X6-6PLY tire on right main gear Charles L. Lawrence A-P 1491147
10-21-83	2831.3	386.3	100 hour inspection. Oil inspection plates removed. Battery water and hydraulic fluid levels checked and adjusted as necessary. Loose rivets in both flaps replaced with cherry loc rivets. Gear retraction completed. I certify that this aircraft has been inspected in accordance with an 100 hour inspection and is considered to be in an airworthy condition Charles L. Lawrence A-P 1491147
12-8-83	2852.9	408.0	Installed Datcom hour meter P/N 56194 (773 4/40 VDC) on Janitrol Heater per Janitrol wiring diagram. Charles L. Lawrence A-P 1491147
12-9-83	2852.9	408.0	Installed O/H T+B, S/N M 8447. Details of O/H may be found under W/O 33490 dtd 11-22-83 by Kelley Const. Inc. Wichita Kan. Charles L. Lawrence A-P 1491147
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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
7-8-82	2690.1	245.1	Installed new merl, due. Alkaline Battery Pack P/N BP 1010 in Narco ELT-10 Emergency Locator Beacon next battery change due July 1984 Charles L. Lawrence A#P1491147
4/12/83	2728.8	283.8	100 hour - annual inspection all inspection plates removed. Battery water and hydraulic fluids checked and adjusted. Landing gear retraction accomplished and gear lubricated. Installed new brake linings P/N 66-65, 66-62 and new brake disc P/N 164-32F and new 700x6 tires on left main gear. All electrical, vacuum, fuel, oil and hydraulic lines checked for security and condition. I certify that this aircraft has been inspected in accordance with an 100 hour inspection and is considered to be in an air-worthy condition. Charles L. Lawrence A#P1491147
			I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
			DATE <u>4/12/83</u>
			SIGNATURE <u>Charles L. Lawrence</u>
			CERTIFICATE No. <u>17745911A</u>
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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			
5-8-81			Installed new ELT Battery this date. To be replaced next on July 28 1982 Charles L. Lawrence A&P 1491147
8/27/81	2539.9	167.1	Installed new P/N 14300-11, forward stabilator trim cable assembly. Cable rigging and tension accomplished as per Piper Cheetah Service Manual. Aircraft test flown and released for flight. Charles L. Lawrence A&P 1491147
9-9-81	2543.0	170.2	Installed new P/N 66-19 brake lining on left main gear. Removed one back plate shim P/N 68-11 from each half of brake assembly. Charles L. Lawrence A&P 1491147
10-28-81	2578.1	205.3	Installed new AN6227-23 AND AN6227-7 O-rings in rear half of right brake. Serviced hydraulic power pack system per Piper Maintenance Manual Charles L. Lawrence A&P 1491147
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11-12-81	2578.1	205.3	Control gas heater overhauled by Hoosier Aircraft Accessories, Inc. of Indianapolis, Ind. per AD note 80-09-10. Details of overhaul may be found under W/O # 28848 of the above mentioned company. Heater reinstalled in aircraft this date. Charles L. Lawrence A&P 1491147
2-4-82	2590.1	217.3	100 hour annual inspection. Installed new O-rings P/N 484 708 (AN6227-6), 484 697 (AN6227-7) and 755 903 (CSR 1009-3) in nose gear door actuator. Power pack filled with hydraulic fluid. Landing gear retraction accomplished. Hydraulic system checked for leaks. Lubricated landing gear in accordance with maintenance chart. Checked brake linings for wear. Installed new carpet in passenger compartment. Adjusted flap position transmitter. Battery and brake fluid levels adjusted. Emergency landing gear CO ₂ extender cylinder weighed at 139.5 grams. I certify that this aircraft has been inspected in accordance with an 100 hour inspection and is considered to be in airworthy condition. Conf. next page
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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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11-26-80	2483.8 2603.8	110.7	Installed new P/N 10D22 Spark plug and 10D48 vibrator in gas heater. Charles L. Lawrence A&P 1491147
2-17-81	2488.4 2608.4	115.3	100 HOUR - ANNUAL INSPECTION COMPLETED IN ACCORDANCE WITH PIPER PA-23-250 INSPECTION GUIDE 230 205. INSTALLED NEW "O" RINGS MS 28775-015 IN RIGHT MAIN GEAR SHUTTLE VALVE. INSTALLED NEW TIME CHECK VALVE P/N 31810 S/N WTC-579 ON RIGHT MAIN LANDING GEAR. ALL THREE SHUTTLE VALVES REMOVED AND PISTON REPOSITIONED TO EMERGENCY SIDE OF VALVE DUE TO CO2 SYSTEM BEING ENGAGED. POWER PACK FILLED WITH HYDRAULIC FLUID AND LANDING GEAR RETRACTION PERFORMED ON JACKS TO PURGE SYSTEM OF AIR. LANDING GEAR LUBRICATED. INSTALLED NEW CO2 CYLINDER P/N 751-393. NEW BELL CRANK P/N 16423-06 AND REINFORCEMENT GUSSET TO FLAP TORQUE TUBE BEARING BLOCK ATTACHMENT BRACKET ADDED IN COMPLIANCE WITH PIPER S/B #671 dtd. OCT. 20 1980. S.B. #672 AND AD 80-26-4 C/W PER. SERVICE BULLETIN. WELDING WAS DONE BY LANE AVIATION CORP. DETAILS MAY BE FOUND CONT. NEXT PAGE

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			UNDER W/O # 3541 DATED 2-9-81. NEW "O" RING KIT INSTALLED IN RIGHT FUEL VALVE (KIT PIPER P/N 760 504) AS PER AD NOTE 80-18-10. LEFT FUEL VALVE PREVIOUSLY REPLACED AND AD NOTE DOES NOT APPLY AT THIS TIME. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND IS CONSIDERED TO BE IN AN AIRWORTHY CONDITION. Charles L. Lawrence A&P 1491147
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE <u>2-17-81</u> SIGNATURE <u>Jack C. Sutton</u> CERTIFICATE No. <u>7745911A</u>			
2-17-81	2488.1	115.3	INSTALLED NEW R-35 REBAT BATTERY Charles L. Lawrence A&P 1491147
2-18-81	2488.1	115.3	INSTALLED CUSTOM AIRCRAFT PRODUCTS, INC. RADAR NOSE COVER IN ACCORDANCE WITH INSTRUCTIONS SUPPLIED WITH NOSE COVER KIT. Charles L. Lawrence A&P 1491147

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3-31-80	2386.1 2486.1	13.0	500 100 HOUR INSPECTION COMPLETED IN ACCORDANCE WITH PIPER ACFT. INSPECTION GUIDE. HYDRAULIC POWER PACK AND BRAKE RESERVOIR FILLED WITH HYDRAULIC FLUID. INSTALLED NEW BRAKE CYLINDER P/N 61-30 (CLEVELAND) AND 2EA. "O" RING P/N AN6227-23 ON LEFT MAIN LANDING GEAR. INSTALLED NEW BRAKE LININGS P/N 66-19 AND 66-15 ON LEFT BRAKE. INSTALLED NEW HYDRAULIC FILTER P/N 6655565 (AN6235-1A), NEW INDUCTION AIR FILTER CA-162-PL. AD NOTE 77-2-8 C/W THIS DATE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND IS CONSIDERED TO BE IN AN AIRWORTHY CONDITION Charles L. Lawrence A+P 1491147
5-30-80	2412.5 2532.5	39.4	Installed O/H Gyro Horizon - Edo-Aire, mod. 5000F-8, Ser. # 97709H. Details of O/H may be found under W/O 3636 dtd 5-30-80 by Capital Aircraft Electronics, Columbus, OH. CO-Pilot side. Charles L. Lawrence A+P 1491147

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			TOTAL brought forward from previous page
6-5-80	2414.4 2534.4	41.3	Removed AIM Gyro, Horizontal Directional, Mod # 200-5, S/N 11705, installed R.C. Allen Gyro, Directional, mod # 11A-10, S/N 34487. Details of O/H may be found under W/O # 4168 dated 6/5/80 by Capital Aircraft Electronics, Columbus, Ohio. Charles L. Lawrence A+P 1491147
9-11-80	2447.6 2567.6	74.5	Installed new taxi lamp P/N 4509. Installed new sprocket shaft bearings P/N 452340 on right control column. Charles L. Lawrence A+P 1491147
9-19-80	2451.8 2571.8	78.7	Installed new tire 7.00-6 8-PR. Installed wheel assembly P/N (551 768) Cleveland model no. 40-131 on left side. Kevin L. Stubbs A+P 295581459
10-23-80	2476.9 2596.9	103.8	Installed new 700x6 8 Ply tire and new 4ea P/N 66-19 lining and P/N 66-15 lining 2ea on right main gear. Charles L. Lawrence A+P 1491147

SUB-TOTAL this page

TOTAL—Carry forward to next page



AIRFRAME MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N459G

Aircraft Mfg. PIPER Model PA-23-250 "E" Serial No. 27-4755

LEFT Engine Mfg. LYCOMING Model I0-540-C4B5 Serial No. L9516-48
BP-5352
RIGHT Engine Mfg. LYCOMING Model I0-540-C4B5 Serial No. BP-5351 L9544-48

LEFT Propeller Mfg. HARTZELL Model HCE24R-2RBS Serial No. BP 5352
Hub Design No. D2477-2R Hub Serial No. BP-5352
Blade Design No. 8465B-7R Blade Serial No's. 388689
388987

RIGHT Propeller Mfg. HARTZELL Model HCE24R-2RBS Serial No. _____
Hub Design No. D2477-2R Hub Serial No. BP 5351
Blade Design No. 8465B-7R Blade Serial No's. 388736
388488

(All applicable information must be filled in)



P.O. BOX 528 OLD BRIDGE, N.J. 08855

44590
AIRCRAFT LOG

840H

PIPER AIRCRAFT CORPORATION

REPLACE ELT BATTERY BY:

APR 28 1981

AIRCRAFT LOG

Date 1980	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
Feb- 6	1980	Hour Meter time 423.7	TT 2373.1	2473.1 hrs.
Removed hour meter, Cessna Part # C664502-0101,				
Installed new hour meter Cessna Part # C664503-0101				
			Charles L. Lawrence	
			A&P 1491147	
Feb 10,	1980	Installed new	ELT Battery. New	
battery installed to be installed April 28				
1981		Charles L. Lawrence		
		A&P 1491147		
Total To Carry Forward				

Registration No. _____

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
		Aug 3 1979		Hobbs meter 335.5
				Mrs. Removed Gyro Horizon for repair.
				Repairs made by Capital Aircraft Electronics
				Port Columbus, details of repair may be found
				under W.O. #3349 dated 8-2-79. Horizon
				re-installed, aircraft ran up and tested OK.
				Charles L. Lawrence
				ATP 1491147
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
I Certify That Altimeter And Static System Tests Required by FAR Part 91.170 Have Been Performed. Static System Test Date <u>1-8-80</u> Altimeters Tested To <u>261000</u> Feet. LH S/N <u>D1083</u> Date <u>1-8-80</u> RH S/N <u>146711</u> Date <u>1-8-80</u> <u>Q4 Pater</u> W.O. <u>130816</u> FOR CAPITAL AIRCRAFT ELECTRONICS, INC. CRS 1106		
FAR 91.177 complied with this date. Transponder(s) checked as per Part 43 of <u>Q4 Pater</u> <u>1-8-80</u> W.O. <u>130816</u> for Capital Aircraft Electronics FAA Repair Station #1106		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
April 10 1978	Hobbs meter 272.0 hrs installed new Piper #31812-000A nose gear scissors collar assembly.		Charles L. Lawrence	ATP 1491147
June 25 1979	Hobbs meter 320.0 hrs installed new #35030-2 right main gear retract cylinder. Installed new 700x8 tire on left main gear. Filled hydraulic power pack with fluid.		Charles L. Lawrence	ATP 1491147
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
July 31, 1979. Hour meter 335.5 T.T. 2284.9 hrs. 100 Hour ANNUAL INSPECTION IN ACCORDANCE WITH PIPER INSPECTION GUIDE. All AD. Notes C/W To date. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSP IN ACCORDANCE WITH AN 100 hour insp, and is considered To be in a Air worthy condition. AD-77-26-02 Fuel Valve Control Cable insp C/W.	James Dutton ATP 1774591	
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
DATE 31 July 1979		
SIGNATURE Bill R. Adams		
CERTIFICATE No. ATP1515082AI		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12-14-78	Brought Forward →			REPLACED ONE DEICE BOOT ON LEFT PROPELLER WITH NEW PARTS. REBUILT BRUSH BLOCK ON LEFT PROPELLER DEICER. USING CUSTOMER FURNISHED BRUSHES.
				THE MAINTENANCE DESCRIBED ABOVE HAS BEEN INSPECTED AND APPROVED FOR RELEASE TO SERVICE.
				DATE: 12-14-78
				INSPECTOR SIGNED <i>Morman Pluthum</i>
				THE B. F. GOODRICH CO.
				AIRPORT OPERATIONS
				REPAIR STATION #1524
				W.O. # 4341
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
March 16 1979 Hour meter 265.7 hrs. TT 2215.1 hrs. 100 hour inspection. Aircraft inspected in accordance with Piper inspection guide. Installed new right main gear tire and new brake linings. Wheel bearings repacked. Hydraulic power sock filled with hydraulic fluid. Battery serviced. Piper SB# 635 complied with by installation of new #761213 landing gear selector lever. All AD notes c/w to date. I certify that this aircraft has been insp. in accordance with an 100 hr. insp. and is considered to be in an airworthy condition.	Charles L. Lawrence	A+P 1491147

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECT AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION
				DATE <u>21 JULY 1978</u>
				SIGNATURE <u>Bill R. Adams</u>
				CERTIFICATE No. <u>AI 1515082</u>
Sept 7 1978				Tach time 195.7 hrs. Service Bulletin #604 (Forward Baggage Door Locking System Modification)
				Complied with per SB #604 and installation of Piper Kit # 763853.
				Charles L. Lawrence
				ATP 1491147
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Oct 5 1978 Tach (Hobbs) time 212.8 hrs. ^(temp) 2 ea new oil gages # 752 078 (Piper) this date.	Charles L. Lawrence	
Oct 10 1978 Tach (Hobbs) time 213.0 hrs. Installed new ELT Battery this date. Battery to be replaced Jan 28 1980.	C. Lawrence	
	ATP 1491147	
Nov 28 1978 Hobbs meter 231.3 hrs. Installed O/H Air Speed indicator, Pioneer, mod. 1426-12-A1 Ser. # 1447. Details of O/H may be found under w/o # 1615 dtd 11-22-78 by Capital Aircraft Electronics, Columbus, Ohio.	Charles L. Lawrence	
	ATP 1491147	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
July 20 1978	Hour meter 150.3 hrs.	TSMOH 329.1 hrs.		
	TT 2099.7 hrs.	100-hour annual inspection		
Completed in accordance with Piper Acft. inspection guide. New "O" rings installed in nose gear retraction cylinder. Installed new Flap hydraulic retraction cylinder Part # 17637-04. Battery box removed, repaired and repainted. Installed new instrument hose and clamps on both airspeed indicators.				
Total To Carry Forward				(Continued next page)

Registration No. _____

and Remarks	Signature	Certificate No.
new "O" rings installed in Hand Pump of Hydraulic powerpack (one each of AN 6277-6, 13, -15, -16.) Right engine, bottom cowling repaired with fiberglass. Hydraulic power pack & brake reservoir refilled with hydraulic fluid. I certify that this aircraft has been inspected in accordance with an 100-hour inspection and is considered to be in an airworthy condition.	Charles L. Lawrence	
	ATP 1491147	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
April 5 1978	Hour Meter 75.6 hrs.			Installed new filter on suction relief valves in both right & left nacells. Charles L. Lawrence A+P 1491147
May 22 1978	Installed new horizontal Situation Indicator, mod. IN-831A, part # 40000172-8513, Ser. # 4166X.			Charles L. Lawrence
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
June 7, 1978 Hour meter 126.5 hrs. Installed new 600X6 6 ply nose gear tire and left main gear 700X6 - 8 ply tire. Installed new brake linings on both left and right main gear. Charles L. Lawrence A+P 1491147		
June 13 1978 Hour meter 130.6 hrs. King KN65 DME Repaired by Ohio Aviation Co. details. may be found under W/O #56041 dtd 5/26/78. Reinstalled in aircraft this date. Charles L. Lawrence A+P 1491147		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	Hour meter	53.8 hrs.	
March 8 1978		AD NOTE 77-26-02, Fuel valve control cable snap and AD NOTE 76-11-07 magnetic compass deviation c/w this date.		
		Service Bulletin # 493 and Paper Kit # 761-044 installed in accordance with AD note 76-11-07		
			Charles L. Lawrence	
			ATP 1491147	
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
13 Mar 78		
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN A <u>WORTHY</u> CONDITION.		
DATE <u>13 Mar 1978</u>		
SIGNATURE <u>Bill R. Adams</u>		
CERTIFICATE No. <u>AF 1515082</u>		
March 16 1978 Hour meter 54.7 hrs. installed new overvoltage control part # X17621		
	Charles L. Lawrence	
	ATP 1491147	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
Feb-28 1998	Hour meter Time	48.7 hrs.	T.T.	
1998.1 hrs.	100 hour, annual inspection.	Installed		
new # 3E1206-1 brushes	for prop de-icing system.	^{Right only.}		
Installed O/H Altimeter,	model 5934P serial # D1083			
United Instrument.	Installed O/H Manifold Pressure Gauge			
model PM-42-1A serial # 38149,	United Instrument.	Installed		
new # 751367 upper scissor bushings,	nose gear,	new		
# 751417 lower drag brace bushings	and bolts # AN26-22			
and 2 each .090 shims	per side on nose gear steering			
Total To Carry Forward		hrs.	Flap retract cylinder	
			(Cont. next page)	

Registration No. _____

and Remarks	Signature	Certificate No.
O/H with new "O" rings. Installed new brushes #25T35A5 brushes in combustion air blower. nose gear and main landing gear lubricated. Brake system and hydraulic power pack serviced. Battery serviced. Gear retraction completed. 100 hour inspection completed in accordance with Piper Aircraft inspection report. I certify that this aircraft has been inspected in accordance with an 100 hour inspection and is considered to be in an airworthy condition.	Charles L. Lawrence	
	A+D 1491147	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
Harco COM 120 Transceiver (2 ea.), Harco NAV 124 receiver (2 ea.), Harco ADF 141 and Antenna, Harco AT 150 Transponder, Harco ID 124 VOR-ILS Indicator, Harco RMI-101 Indicator, Johnson Transcom II 561 Transceiver, Sigtronics Transcom 3283 Intercom, Radio Master Switch Piper part # 32370-02, Three (3) instrument lights Piper part # CM2990B1, AED model # 11-1002-3 Airspeed, Kollsman Altimeter Ser. # AF43-146711, RC Allen model RCA 21-22 Gyro Horizon, Aviation Inst. Mfg. Corp. 200-5 Directional Gyro, Consolidated Inst. Co. Inc.				
Total To Carry Forward				(Cont next page)

Registration No. _____

and Remarks	Signature	Certificate No.
# 57-4AW Dual Fock., Aid Model 20-2001 T&B, All fuses, circuit breakers, switches, wires and methods of installation are in accordance with AC 43.13-1, Chapter 11, Section 2 and 3. New Empty Weight C.G. computed by weighing aircraft — see FAA 337 dated 12-14-77.	Charles L. Lawrence	ATP 1491147
12-27-77 HOUR METER TIME 20.2 HRS. REMOVED RC ALLEN RCA 21-22 GYRO HORIZON AND INSTALLED O/H EDO-AIRE MOD. 5000F-8 SER # 61190 GYRO HORIZON. DETAILS OF O/H MAYBE FOUND UNDER WP # 437 dtd 12-27-77 by Capital Aircraft Electronics.	Charles L. Lawrence	ATP 1491147

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
12-1-77				
F.A.R. 91.177 complied with this date.				
Transponder and encoder system checked and found to comply with requirements of part 43, appendix F of Federal Air Regulations. Ref W.O. 125380				
C. DeWorth				
CAPITAL AIRCRAFT ELECTRONICS, INC. FAA Repair Station #1106 Port Columbus, Ohio				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
12-2-77 HOUR METER 4.9 HRS T.T. 1954.3 hrs. AD NOTE 22-23-09 (FUEL CROSSFEED AIRCRAFT FLIGHT MANUAL REVISION)		
complied with this date.	Charles L. Lawrence	
	A#P1491147	
Dec 14, 1977 Removed RCA AVQ-47 radar, King KX 1703, henco MK 16 transceiver, Bendix 212TADF, Edo-les RT 667 Transponder, henco 116R 2A Slide Slope receiver, henco VP 22 Transmitter selector console, piper PM-1 harker Beacon receiver, Alcon Exhaust Temp. gauge, King KT-201 hwt. indicator, Bendix hwt. converter, Twin tachos. - installed henco CP136 Audio Switching panel, Bendix RDR 160 radar, (cont. next page)		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
Aug 19, 1977	Tach time 1929.1 hrs. Installed new locking pin control wire in cabin entrance door		Charles L. Lawrence	AAP 1491147
9-13-77	Tach time 1934:99 hrs. AD note 75-05-04 c/w this date. Piper Service Bulletin #546 dealing with same subject (disposition of Whelen Wing Tip Strobe Lights) is also c/w.		Charles L. Lawrence	AAP 1491147
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
12-1-77 I certify that the altimeter and static system tests required by FAR Part 91.170 and Part 43 Section 4, #498 A-B-C, have been performed.		
The altimeter tested to 20,000 ⁰ W.O.# 375		
feet on 12-1-77		
by CAPITAL ACFT Electronics		
Signature Elroy H Johnson 2216092		
Date (S. S. Test) 12-1-77		
RIGHT HAND Altimeter is certified to 20,000 FT ON 9-16-76 - Re-certification Due 9-16-78	Elroy H Johnson 2216092	
Dec. 1, 1977 Installed new Hobbs hour meter, removed old Tach hour meters. T. T. 1949.4 hrs.	Charles L. Lawrence	
	AAP 1491147	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			filter checked + cleaned.
				Bill R Adams AF 1515082
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
DATE <u>6 June 1977</u>		
SIGNATURE <u>Bill R. Adams</u>		
CERTIFICATE No. <u>AF 1515082 AE</u>		
Aug 2 1977 Jack. 1915.0 hrs. Removed Trim Servo (Bendix) for repair by Capital Aft. Elect. Details of repair may be found under W/O #124726 dated Aug 2 1977. Unit installed in aircraft and tested. OK.	Charles L. Lawrence	
	AF 1491147	

and Remarks	Signature	Certificate No.
TACH TIME 1870.8 HRS.		
31 May 77 annual Insp. completed. a/c t greased. L & R main gear. tire & tubes replaced. New Brake disk and brake lining replaced L & R. wheels, all wheel bearing upacked; the new bushing and belts replaced in nose gear and main gear sections. Flap actuator cyl. seal replaced Pressure checked and installed. Hyd system re serviced. retraction of landing gear made. serviceable manifold pressure gage installed. Batt. Charged. nose intake cowling repaired by P. J. [illegible] at [illegible] [illegible]		

Registration No. _____

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11-10-76	Brought Forward →			
VOA-40	Removed Navco MK-16 Transceiver, King KT-96 telephone antenna.			
	Installed King KX-170 Transceiver, KI-201 Nav indicator. For further information see FAA-337 this date.			
	E.W. -	3334.5	CAPITAL AIRCRAFT ELECTRONICS, INC. FAA Repair Station #1106 Port Columbus, Ohio	
	E.W. 66 -	90.56		
	140M -	301983.79		
	UL -	1865.5		
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
12-23-76 Jack time 1804.4 hrs. installed new R-35 Rebat-battery	Charles L. Lawrence	AP1491147
Jan 11 1977 Jack time 1809:32 hrs. Janitrol Heater removed, overhauled by Janitrol Aero Div, Details to be found under W/O # 915777	Charles L. Lawrence	AP1491147
March 18 1977 Jack 1831:8 hrs installed new brake disc and brake linings on both right and left main landing gear. New ELT battery installed.	Charles L. Lawrence	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
76-124,	Brought Forward →			
JAN 1971				
REMOVED BOTH ENGINE & OVERHAUL.				
REINSTALLED IN ACCORDANCE WITH SERVICE				
MANUAL. RIBBED ALL CONTROL, INSTALLED				
NEW MOUNTS, GROUND RUN ENGINE &				
OK FOR FLIGHT. LEFT RELEASE FOR				
SLOW TIME.				
<i>Handwritten Signature</i> 184531 ATO				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
11-3-76 This aircraft delivered to Dept of Transportation This plate Pack pages - L-1781, 48 - R1780, 6 <i>[Signature]</i>		
11-5-76 Jack 1782:8 hrs. Removed, cleaned and regapped ignitor for Jamtrol heater.	<i>Charles L. Lawrence</i> HAP1491147	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6/26/76	Brought Forward →	1734.9 L 1735.9 R		
				I Certify this <u>Aircraft</u>
				Has been inspected in
				accordance with <u>Annual</u>
				inspection and is determined in
				airworthy condition.
				JAMES T SCHRUM 2107831 <u>IA</u>
28 Oct 76	1771 1770 Tolls			New seals & fluid both main
				All new brake lining. New wheel
				revits Rt trailing edge of flat
				ailerons and inboard Rt and out
				board Lt flaps. Tighten rudder trim rod, new bushing
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
FAR 91.177 complied with this date. Transponder checked AS per Appendix F. Part 43 of F.A.R. Ref. W.O. # 120898		
<u>James T Schrum</u>	CAPITAL AIRCRAFT ELECTRONICS, INC. FAA Repair Station #1106 Port Columbus, Ohio	
struts, New 'O' rings Lt brake master cylinder, wavy patch hole Rt lower cowel, Replaced wheel under side of Lt flap. New bearings both		
board Lt flaps. Tighten rudder trim rod, new bushing		
<u>James T Schrum</u>	Doc 1691777 FA	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
31 MAY 76	Right Tac 1712.64	Left Tac 1714.00		
	Replaced left & right brake disks & shoes. Replaced left fwd. brake pressure plate. Cleaned & replaced pads in left & right actuators. H. Mays A/P 347 26 3899			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
6/25/76		
Replaced ANTI-COLLISION bulb P/N A-469. Replaced Nose Steering COLLAR P/N 751-501.		
I certify That this Aircraft has been Inspected in accordance with a 100 hour inspection and was determined To be in an airworthy condition		
	Donald C. Engel	
	A/P 332405992	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
March - 22 - 1976 -		Right Tach 1657.95	Left Tach 1659.60	hrs.
	© Installed collar on nose strut.			
	James M. Wright FOR CAPROL VIT INC. SPRINGFIELD, ILLINOIS REPAIR STATION 3760			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
February 18, 1976 Removed D.G. and Nanco AT-6 Transponder. Installed King KT 96 Transponder, EDO-Air Transponder, King KE129 Encoder, Allen RME Indicator, and King KN 65 DME. Revised A/C wt and Balance and Entered in A/C Records New EW 3327.3 New EWCG 90.94	<i>Chas. E. Hoff</i>	
	CENTRAL ILLINOIS AVIONICS, INC. R. R. 2, BOX 352 PEKIN, ILLINOIS 61554 C. R. S. 319-7	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	Aft. TT. 1629.3	TACH. 1629.3	
Feb. 20, 1976	I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was determined to be in an airworthy condition. Remove all panels inspect, lub. flight controls. Service battery, hydraulic reservoir. Remove wheels pack wheel bearing. Sub landing gear. No AD's listed at this time.			
			Richard D. Muleham	
			AAP323389597	
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed. The altimeter has been tested to 20,000 feet. 19 MAR 76 <i>K.T. Finkbecker</i> for CAPITOL AVIATION, INC. Springfield, Illinois Repair Station 3760		
3/19/76		
WEIGHED H/C - G.W. 5200, E.W. 3336, U.L. 1864		
This aircraft or component has been inspected and work described above found airworthy and approved for return to service. 3/19/76 <i>David L. Smith</i> Date For Capitol Aviation, Inc. Repair Station #3760		
22788		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
8 JUNE 75	REPAIRED WIRES ON LEFT ALTERNATOR. SYSTEM			
	CHECKS O.K. ON GROUND RUN			Edward D. Brinkman AF 2197698
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
10/31/75 total Airframe	1533	
Annual inspection completed this date Release Probs. Lubricated gears, checked gas for full operation Safety Replaced E.L.T Battery good until Feb. 1976 Check for AD note in front of Prop, Replaced Bearing in Control, Control Column		
I certify that this Engine ☐ Aircraft ☒ has been inspected in accordance with Annual Inspection and was determined to be in airworthy condition. Date <u>10/31/75</u> No. A & P 275728 Signed <u>Bla Young JAF 225758</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5/17/74	Brought Forward →	1049		
Annual inspection completed this date checked & serviced the following: Electrical System Hydr Brake System new Brake lining where needed, New tire right gear gear Lubricated gear, checked gear for full operation, & Safety Hydr gear System all control cables fully, all control Services for full travel operation & Safety check for AD notes or Service Bulletins in front of Book.				
Total To Carry Forward				

I certify that this Engine ☐ Aircraft ☒ has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.
 Date 5/17/74 No. A & P 275728
 Signed B G Younger
ABP 216138

Registration No. _____

and Remarks	Signature	Certificate No.
12/3/74. Engine took 1231 total Airframe Annual, 1231 inspection completed this date checked & serviced the following: Electrical System Hydr Brake System Pulverized Brakes Hydr gear System Lubricated gear, gear for full operation & Safety, all control cables fully, all control Services for full operation & Safety, & revised Master Check for AD notes & Service Bulletins in front of Book.		
3/12/73. New tire Right gear, Engine took 1332, B G Younger <u>ABP 216138</u>		
I certify that this Engine ☐ Aircraft ☒ has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>12/3/74</u> No. A & P 275728 Signed <u>B G Younger</u> <u>ABP 216138</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11/9/73	Brought Forward →	865	total	
Annual inspection completed this date checked & serviced the following Engine Suptonbyde Brake System Presweld, Right wheel Cylinder Presweld Both Brake Glaciers in Cockpit Piled, Brakes, New Brake lining Repacked, wheel Bearings New tire' Mass. wheels, Presweld. Mass wheel, saissor gear Lubricated gear, gear for full trans operation & safety. Tires checked, Struts all Central cables & pulleys all Central Services for full trans operation & safety.				
Total To Carry Forward				
checked for Service Bulletin in front of Prop. & installed E L T, See weight Balance, in front of Prop.				

Registration No. _____

and Remarks	Signature	Certificate No.
11/9/73 Engine lub. 800 Sec. total time		673-3091
checked for A.P. and Service Bulletin in front of Prop.		
11/26/73 E.L.T. Replaced, Alternator Same No. 544274		
The above alternator was installed & Starter system tested again by FAR 71.120 have been performed.		
The alternator has been tested to 30,000 ft.		
I certify that this Engine ☐ Aircraft ☒ has been inspected in accordance with a MANUAL ^{MANUAL} inspection and was determined to be in airworthy condition. Date 11/9/73 No. A & P 275728 Signed <u>P. A. Youngman</u> <u>J. P. 275728</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11/24/72	Brought Forward →	536, total Airframe Annual.		
		Inspection completed this date Electric System		
		Hyd Brake System gear, Lubricated gear, gear for full		
		travel Safety & operation all control cables full		
		all control services for full travel & Safety. New		
		tire left, gear changed, Strain No A Permite		
		at this date		
		Changed D.G.		
12/19/72	Engine took			
	5200 Installed New Battery			
Total To Carry Forward				

I certify that this Engine ☐ Aircraft ☒ has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Date 11/24/72 No. A & P 275728

Signed B A Younger

Registration No.

5/10/73 Engine took 720 - 729, total time 720

100 checks completed this date checked & serviced the following Electric System Hyd Brake System Hyd. System Brake lining checked - tires New tire Right gear, Lubricated gear, checked gear for full travel & Safety. all control cables full, all control services for full travel & Safety.

I certify that this Engine ☐ Aircraft ☒ has been inspected in accordance with a 100 inspection and was determined to be in airworthy condition.

Date 5/10/73 No. A & P 275728

Signed B A Younger

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
3/13/72, Engine took 193, Rebuilt all Borgers cylinders & Bled Brakes.				
			B A Younger A&P 275728	
10/30/72, Engine took 490, Rebuilt Brakes, cylinders & Bled Brakes. New lining				
			B A Younger A&P 275728	
Total To Carry Forward				

4/13/72, Engine took 245, total time 545,
and Remarks

Signature

Certificate No.

100 check complete this date checked service
the following, Electric System Hyd. System
Hyd. Brakes, System New Brake lining worn and
gear Lubricated gear checked gear for bonded operation
all Control cables & pulleys, all Control Service
for full travel of 5 gph & checked fuel screens.

9/21/72, Engine took 449,
New two Man gear &
Right 7/1/72
B A Younger A&P 275728

I certify that this Engine ☐ Aircraft ☒ has	
been inspected in accordance with a <u>100</u>	
inspection and was determined to be in	
airworthy condition.	
Date <u>4/13/72</u>	No. A & P <u>275728</u>
Signed <u>B A Younger</u>	

AIRCRAFT LOG

Date	Aircraft Time <i>85h.</i>		Recorder Reading	Maintenance
	This Date	Total		
<i>12/24/71</i>	<i>Brought Forward →</i>	<i>Installed Delta Mipline Monitor</i>		
<i>per STC SA 13134 E this date</i>		<i>BA Young ADP25028</i>		
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
1/14/72, Airframe tune checked & serviced the following: gear, Lubricated gear, Refueled 96 gal. Right wheel wheel, checked gear a number of times & OK, Brakes, Parking Brakes, Electrical system all checked Service for Travel & operation, & tires checked, & 8 bolts	98	
1/23/72, Engine tune 110, Installed landing gear, 96 gal. Pump No 123865. B A Youngs A & P 22824	I certify that this Engine ☐ Aircraft ☒ has been inspected in accordance with a <u>100</u> Inspection and was determined to be in airworthy condition. Date <u>1/14/75</u> No. A & P 275724 Signed <u>B A Youngs</u>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10/29/71	Brought Forward →			See 337 Form this date and
Total To Carry Forward				

Registration No. _____

[illegible]

LATEST FAA MAJOR REPAIR AND ALTERATION FORM

[illegible]

LATEST FAA MAJOR REPAIR AND ALTERATION FORM

[illegible]

I have inspected this aircraft and found it complies with the requirements of FAR 21.183. Certificate of Airworthiness dated 009 12 1971 was issued by me.

William Halloran
Piper Aircraft Corporation D.O.A. No. EA-1

The altimeter and static system tests required by FAR Part 91.170 have been performed. The altimeter has been tested to

20,000 ft. Date 6-11-71

Signed William Halloran

Piper Aircraft Corporation D.O.A. No. EA-1

AIRCRAFT DESCRIPTION

manufactured 1971

Registration No. N459GModel: PA-23-250 (6PCUM) Popular Name: ARTEC "E"Serial No.: 27-4755 Type Certificate No.: 1A10Colors: White TAN with GREEN - BlackEngine Manufacturer: Sycoming Propeller Manufacturer: HARTZELLOriginal Engine Model: IO-540-04B5 Original Propeller Model: HC-E2VR-22B5/8465B-2R

Serial Numbers: Single _____ Hub or Serial Number: Single _____

Left ✓ - 9516-48Left BP-5352Right ✓ - 9544-48Right BP-5351

Blade Numbers

Left

Right

B88689
B88987B88736
B88488