

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
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

N840H

Hobbs: 5527.7

1/11/2023

Installed Garmin G5 software
update version 8.00 IAW Garmin
G5 Installation Manual.

Chad Ward

A&P 4521563

N840H

4/5/2023

Hobbs: 5583.00

Squawk -Turn-Bank indicator circuit
breaker popping out. Inspected back
of bank-turn indicator and found the
cannon-plug connector loose.
Tightened connector IAW Piper
Maintenance Manual. Op tested
good.

Chad M. Ward

A&P 4521563

N840H

3/14/2023

Hobbs: 5575.70

Updated both G5's to
software version 8.02 IAW
Garmin G5 Maintenance
Manual.

Chad M. Ward

A&P 4521563

N840H

8/24/2023

Hobbs: 1971.3

Removed unserviceable and
replaced Pilot side headphone P/N
11-04936 and Microphone jacks
P/N 11-05995 IAW Garmin 340
installation manual and Piper
Maintenance Manual.

Chad M. Ward

A&P 4521563

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
Skymark Avionics LLC PO Box 188 Horner WV 26372				
Registration	Manufacturer	Model	Serial Number	Time
N840H	PIPER	PA23-250	27-4755	1692/5379 TT
I certify that the Altimeters, Data correspondence, & Transponder test required by 14 CFR 91.411 & 91.413 have been performed and found to comply with 14 CFR Part 43, Appendix E & Appendix F. LH Altimeter Model: 5934P-1 Serial No.: T6815 RH Altimeter Model: 5934P3 Serial No.: 424181 Transponder Model: KT76A Serial No.: 72326 Encoder Model: SSD 120RS232 Serial No.: 18643 The Altimeter & Encoder data correspondence was tested to 20,000 FT. Perform static system leak check: 10 ft/min.				
Maintenance Release The Aircraft and/or component(s) listed above has been inspected and/or repaired and has been found airworthy for return to service. Details on file at Skymark Avionics LLC under work order number 16020.				
Date: October 18 2016 Authorized Signature: <i>[Signature]</i> CRS Y6KR128B				

 Engine & Airframe Solutions Worldwide, LLC. 2000 Industrial Rd. East, Suite 100 Bridgeport, WV 26330 (304) 842-0300-main (304) 842-2122-fax					
Aircraft Reg #	Manufacturer	Model	Aircraft S/N	Aircraft HOBBS	
N840H	PIPER	PA23-250	27-4755	1731.5	
I CERTIFY THAT THE ALTIMETERS, DATA CORRESPONDENCE AND TRANSPONDER HAVE BEEN TESTED/INSPECTED IAW CURRENT FAR REGULATIONS, 91.411/91.413 AND PASS ALL TESTS.					
ALTIMETER P/N 5934P-1 S/N T6815 ALTIMETER P/N 5934P-3 S/N 424181 TRANSPONDER P/N KT76A S/N 72326 ENCODER P/N 120RS232 S/N 18643 TESTED TO 20,000 FT					
Maintenance Release: Engine & Airframe Solutions Worldwide, LLC. certifies that the work identified and described above was accomplished in accordance with title 14, Code of Federal Regulations, and in respect to that work, the items are approved for return to service. Repair details on file at this facility.					
Work Order No:		14412			
Printed Name:		CHARLES CROSSAN			
Authorized Signature:		<i>[Signature]</i>		Date: October 10, 2018	

CRS E4FR663Y EASW Form Q003A Rev: 4, Revised 30 Jan 17

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK			
 Engine & Airframe Solutions Worldwide, LLC. 2000 Industrial Rd. East, Suite 100 Bridgeport, WV 26330 (304) 842-0300-main (304) 842-2122-fax						
Aircraft Reg #	Manufacturer	Model	Aircraft S/N	Aircraft TT	TACH TIME	
N840H	PIPER	PA 23-250	27-4755	1807.9	N/A	
Complied with 91.411 inspection IAW CFR part 43 Appendix E, and EASW form AV001 with no discrepancies noted at this time. Complied with 91.413 inspection IAW CFR 43 Appendix F, and EASW form AV002 with no discrepancies noted at this time.						
Maintenance Release: Engine & Airframe Solutions Worldwide, LLC. certifies that the work identified and described above was accomplished in accordance with title 14, Code of Federal Regulations, and in respect to that work, the items are approved for return to service. Repair details on file at this facility.						
Work Order No:		16334				
Printed Name:		Jesse A. Lindsey				
Authorized Signature:		<i>[Signature]</i>			Date: June 1, 2022	

CRS E4FR663Y EASW Form Q003A Rev: 4, Revised 30 Jan 17

N840H Hobbs: 5500.80

11/04/2022

Trouble shot audio issues, installed one microphone jack and one headphone jack, cleaned connectors, and checked continuity IAW Piper MM and Garmin 500 series installation manual. Operational test good.

Chad Ward A&P# 4521563

[Signature]

N840H Hobbs: 5500.80

11/04/2022

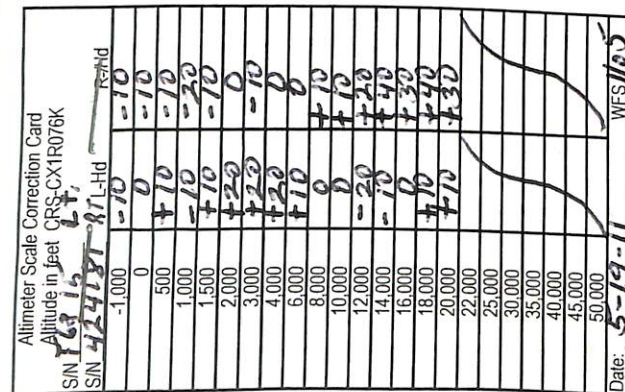
Removed Garmin 530 Radio P/N 011-01066-40, Installed Garmin 530 Radio, P/N 011-01064-00 IAW Piper MM and Garmin 500 Series Installation Manual. Operational test good.

Chad Ward A&P# 4521563

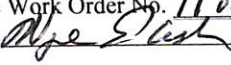
[Signature]

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
AIR FRAME LOG N 840H Piper PA 23-250 S/N 27-4755 Date: 05-18-11 Hobbs: 1526.4 Removed a defective Narco AR 850 25K blind encoder and installed a new Trans Cal SSD 120 XXN Unit S/N 10643. S Mission Air Center 217 Airfield Road Spencer, WV 25276  Wayne E. Ash AP 235606289 IA			

5-19-11 Hobbs 1526.4

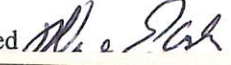


I certify that altimeter system and altitude reporting Equipment tests and inspections required by F.A.R. 91.411 have been performed.

CRS-CX1R076K
 Static System Test. Date 5-19-11
 Altimeters Tested to 20,000 feet
 LH S/N T6816 Date 5-19-11
 RH S/N 424181 Date 5-19-11
 Altitude Integration Test. Date 5-19-11
 Service Work Order No. 1105
 Signed 

Transponder AT-150 S/N 32392 Encoder Trans Cal S/N 10643
 Transponder NA S/N NA Encoder NA S/N NA
 Have been tested in compliance with F.A.R. 91.413 and part 43 App. E&F.

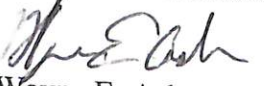
WITTENBROOK FLYING SERVICE
 CRS-CX1R076K.

W.O.# 1105 Date 5-19-11 Signed 

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

Date: 05-16-14 Total T: 1574.2

Removed and replaced altitude blind encoder with a new Trans Cal SSD 120 RS 232 SN 18643


 Wayne E. Ash
 AP 235606289

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

Date: 05-16-14 Hobbs: 1574.2

Removed a defective Narco AT 150 transponder and installed a serviceable King KT 76A RT unit SN 72326 in the same location as removed unit as a minor alteration no significant weight or balance change. Placarded instrument panel do not operate transponder pending FAR 43 Appendix E and F inspection being complied with. Removed right side altimeter for repair and calibration.

Mission Air Center
217 Airfield Road
Spencer, WV 25276

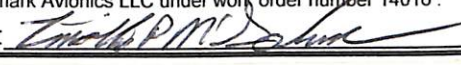

 Wayne E. Ash
 AP 235606289 IA

Skymark Avionics LLC				
PO Box 188 Homer WV 26372				
Registration	Manufacturer	Model	Serial Number	Time
N840H	PIPER	PA23-250	27-4755	1578/5265 TT

I certify that the Altimeters, Data correspondence, & Transponder test required by 14 CFR 91.411 & 91.413 have been performed and found to comply with 14 CFR Part 43, Appendix E & Appendix F.

Altimeter Model: 5934P3 Serial No.: 424181
 Transponder Model: KT76A Serial No.: 72326
 Encoder Model: SSD 120 Serial No.: 10643
 The Altimeter & Encoder data correspondence was tested to 20,000 FT.
 Perform static system leak check: 45 ft/min.

Maintenance Release
 The Aircraft and/or component(s) listed above has been inspected and/or repaired and has been found airworthy for return to service.
 Details on file at Skymark Avionics LLC under work order number 14016.

Date: May 23 2014 Authorized Signature:  CRS Y6KR128B

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

Date: 11-12-15 Hobbs: _____

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.

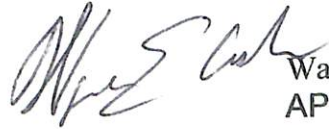
Installed the following Garmin equipment a GMA 340 Audio Panel, GNS 530W RDU with GA 56 GPS Antenna, GLD 69 XM Receiver with a GA 55 XM Antenna. Installed an Aspen EFD 1000 System with ACU unit. Installed a RC Allen electric horizon gyro.

Revised aircraft equipment list and weight & balance data.

Placarded instrument panel 530W GPSnot approved IFR navigation.

Note: See form 337 this date: _____

Mission Air Center
227 Airfield Road
Spencer, WV 26554


 Wayne E. Ash
 AP 235606289 IA

DATE	AIRFRAM TIME IN SERVICE	Spirit Avionics Ltd CRS# UOKR250X 4808 E 5 th Ave Columbus OH 43219 03/04/04 N840H A/C Hours: 1295.8	MED— FORMING WORK
		1. Removed and replaced the radar indicator with a serviceable exchange unit. The exchange indicator operationally meets the manufacturers MPS IAW the Bendix radar installation manual.	
		Off Unit P/N: 4000946-5201 S/N: 4839 On Unit P/N: Same S/N: 6699	
		Refer to Spirit Avionics Ltd WO# 4084	
		The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.	
		Authorized Signature: <u>Jimmy A. Hall</u> Jimmy A Hall	
		Certificate Number: 2743027 Radio 1, 2 & 3 Repairman	
		Spirit Avionics Ltd CRS# UOKR250X 4808 E. 5 th Ave. Columbus, Ohio 43219	
		N <u>840H</u> A/C Hours: <u>1295.8</u> LDGS: _____	
		The altimeter and pitot-static system biennial checks required by FAR 91.411 have been accomplished IAW FAR Part 43 Appendix E.	
		#1 Static system tested to: <u>20,000</u> feet #1 Alt P/N: <u>5934P-1A.56</u> S/N: <u>76815</u> #1 ADC P/N: <u>NA</u> S/N: _____	
		#2 Static system tested to: <u>20,000</u> feet #2 Alt P/N: <u>5934P-1A.83</u> S/N: <u>424181</u> #2 ADC P/N: <u>NA</u> S/N: _____	
		The transponder biennial checks required by FAR 91.413 have been accomplished IAW FAR Part 43 Appendix F.	
		#1 M/N: <u>AT-150</u> S/N: <u>32392</u> #2 M/N: <u>NA</u> S/N: _____	
		WO#: <u>4084</u> Date: <u>03-04-04</u>	
		The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.	
		Authorized Signature: <u>Jimmy A. Hall</u>	
		Certificate Number: <u>2743027</u> Radio 1, 2 & 3 Repairman	
DATE:	HOURLMETER	ACFT. T.T.	WO
3/23/2005	1357.5	5043.8	2004519
Removed GPS for repair. Installed loaner GPS. GPS checked for proper operation.			
Signed <u>Kevin L. Stutter</u> For State of Ohio CRS# JRUR354F			

DATE:	HOURLMETER	ACFT. T.T.	WO
5/4/2005	1387.7	5074.0	2004519

Installed original GPS KLN90B S/N 21628 after testing by Honeywell see Honeywell 8130-3 form dated 4/29/2005 for details. GPS ground checked for proper operation.

Signed Kevin L. Stutter
For State of Ohio CRS# JRUR354F

STEINER AVIATION INTERNATIONAL, INC.			
Alt. Mfg. <u>United</u>	Alt. P/N <u>5934P-1A.56</u>	1600 Triplett Boulevard	DATE <u>4/3/2006</u>
Alt. Model <u>PA-28-785S</u>	Alt. S/N <u>5934P-1A.83</u>	Akron, Ohio 44306	WO # <u>3152</u>
A/C N # <u>840H</u>	#1 S/N <u>76815</u>	CRS V4NR896Y	T.T. <u>1485.7</u>
	#2 S/N <u>424181</u>		T.L. <u>N/A</u>
THE ALTIMETER/ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO BE SATISFACTORY IN ACCORDANCE WITH FAR 43 APPENDIX "E".		THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX "F" AND "E" PARAGRAPH C. IF APPLICABLE	
STATIC SYSTEM(S) LEAK CHECKED <u>✓</u>		#1 TXP MAKE <u>NARCO</u> MODEL <u>AT150</u>	
ALTIMETER (S) CERTIFIED BY CRS <u>V4NR896Y</u>		SERIAL NO. <u>32392</u> TSO <u>C746</u>	
TO <u>20,000</u> FT., REFER TO ATTACHED MAINTENANCE RELEASE ALTITUDE ENCODING SYSTEM CERTIFIED BY STEINER AVIATION INTERNATIONAL, INC.		#2 TXP MAKE <u>NARCO</u> MODEL <u>AT150</u>	
CRS V4NR896Y		SERIAL NO. <u>N/A</u> TSO <u>N/A</u>	
SIGNED <u>Jimmy A. Hall</u>		STEINER AVIATION INTERNATIONAL, INC.	
DATE <u>4/3/06</u> CERT. NO. <u>V4NR896Y</u>		CRS V4NR896Y	
MAINTENANCE RELEASE			
The Aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under			
Work Order Number <u>3152</u>		CERTIFIED AIR DATA COMPUTER (S) AS PER F.A.R. 43 APPENDIX "E", (2).	
Date <u>4-03-06</u>		MAKE <u>NARCO</u> MOD. <u>C746</u>	
Signed <u>Jimmy A. Hall</u>		#1 S/N <u>32392</u> #2 S/N <u>C746</u>	
STEINER AVIATION INTERNATIONAL, INC. V4NR896Y 1600 TRIPLETT BOULEVARD AKRON, OHIO 44306			

STEINER AVIATION INTERNATIONAL, INC.			
Alt. Mfg. <u>United</u>	Alt. P/N <u>5934P-1A.56</u>	1600 Triplett Boulevard	DATE <u>12 May 2008</u>
Alt. Model <u>PA-28-785S</u>	Alt. S/N <u>5934P-1A.83</u>	Akron, Ohio 44306	WO # <u>4507</u>
A/C N # <u>840H</u>	#1 S/N <u>76815</u>	CRS V4NR896Y	T.T. <u>1514.3</u>
	#2 S/N <u>424181</u>		T.L. <u>N/A</u>
THE ALTIMETER/ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO BE SATISFACTORY IN ACCORDANCE WITH FAR 43 APPENDIX "E".		THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX "F" AND "E" PARAGRAPH C. IF APPLICABLE	
STATIC SYSTEM(S) LEAK CHECKED <u>✓</u>		#1 TXP MAKE <u>NARCO</u> MODEL <u>AT150</u>	
ALTIMETER (S) CERTIFIED BY CRS <u>V4NR896Y</u>		SERIAL NO. <u>32392</u> TSO <u>C746</u>	
TO <u>20,000</u> FT., REFER TO ATTACHED MAINTENANCE RELEASE ALTITUDE ENCODING SYSTEM CERTIFIED BY STEINER AVIATION INTERNATIONAL, INC.		#2 TXP MAKE <u>NARCO</u> MODEL <u>AT150</u>	
CRS V4NR896Y		SERIAL NO. <u>N/A</u> TSO <u>N/A</u>	
SIGNED <u>Kevin L. Stutter</u>		STEINER AVIATION INTERNATIONAL, INC.	
DATE <u>12 May 2008</u> CERT. NO. <u>V4NR896Y</u>		CRS V4NR896Y	
MAINTENANCE RELEASE			
The Aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under			
Work Order Number <u>4507</u>		CERTIFIED AIR DATA COMPUTER (S) AS PER F.A.R. 43 APPENDIX "E", (2).	
Date <u>12 May 2008</u>		MAKE <u>NARCO</u> MOD. <u>C746</u>	
Signed <u>Kevin L. Stutter</u>		#1 S/N <u>32392</u> #2 S/N <u>C746</u>	
STEINER AVIATION INTERNATIONAL, INC. V4NR896Y 1600 TRIPLETT BOULEVARD AKRON, OHIO 44306			

ALTIMETER SCALE #1
rection Card

NDARD ITUDE FT.	ALTIMETER READING
1000	-1020
0	-10
500	300
1000	1000
1500	1510
2000	2020
3000	3020
4000	4000
5000	5000
6000	6000
7000	7000
8000	8000
9000	9000
10000	10000
11000	11000
12000	12000
13000	13000
14000	14000
15000	15000
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DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			Co-pilot's Altimeter State of Ohio Office of Aviation FAA CRS# JRUR354F
			MFG. <u>Piper</u> Model <u>PA23-250</u> Reg. # <u>N4810H</u> S/N _____
			Date: <u>1-11-02</u> W.O.# <u>2002957</u> T.T. <u>4849.5</u>
			The altimeter, automatic pressure altitude reporting system and static system tests required by FAR 91.411, 91.217 have been performed and found to be satisfactory in accordance with FAR 43 App. "E". Altimeter s/n <u>424181</u> certified to <u>20000</u> ft.
			Signed <u>Robert A. Delp</u> State of Ohio Office of Aviation CRS JRUR354F
			Pilot's Altimeter State of Ohio Office of Aviation FAA CRS# JRUR354F
			MFG. <u>Piper</u> Model <u>PA23-250</u> Reg. # <u>N4810H</u> S/N _____
			Date: <u>1-11-02</u> W.O.# <u>2002957</u> T.T. <u>4849.5</u>
			The altimeter/encoder and static system tests required by FAR 91.411 91.217 have been performed and found to be satisfactory in accordance with FAR 43 App. "E". Altimeter s/n <u>76315</u> certified to <u>20000</u> ft.
			Signed <u>Robert A. Delp</u> State of Ohio Office of Aviation CRS JRUR354F
			State of Ohio Office of Aviation FAA CRS# JRUR354F
			MFG. <u>Piper</u> Model <u>PA23-250</u> Reg. # <u>N4810H</u> S/N _____
			Date: <u>1-11-02</u> W.O.# <u>2002957</u> T.T. <u>4849.5</u>
			The transponder test required by FAR 91.413 has been performed and found to meet the requirements of FAR 43 App. F and App. E, par. C, if applicable.
			Signed <u>Robert A. Delp</u> State of Ohio Office of Aviation CRS JRUR354F

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			Spirit Avionics Ltd CRS# UOKR250X 4808 E. 5th Ave. Columbus, Ohio 43219 08/04/03 N840H A/C Hours: 4925.6
			Removed the Bendix RDR-160 weather radar ART & indicator for F/T & repair as needed. Re-installed the same ART returned from F/T. Installed a serviceable replacement indicator. The radar system meets the manufacturers MPS IAW the Bendix RDR-160 installation manual P/N 006-00908-0000 Rev 1 dated Aug 1979.
			ART Off & On P/N: 4001018-6104 S/N: 1703 IND Off P/N: 4000946-5201 S/N: 2831 IND On P/N: 4000946-5201 S/N: 4839
			Refer to Spirit Avionics Ltd WO# 3254
			The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.
			Authorized Signature: <u>Jimmy A. Hall</u> Jimmy A Hall
			Certificate No: 2743027 Radio 1, 2 & 3 Repairman
			Spirit Avionics Ltd CRS# UOKR250X 4808 E. 5th Ave. Columbus, Ohio 43219 08/22/03 N840H
			Removed the Bendix weather radar ART 161 for repair. Bagged and stowed the connectors as required.
			Off P/N: 4001018-6104 S/N: 1703
			Refer to Spirit Avionics Ltd WO# 3324.
			The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.
			Authorized Signature: <u>Jimmy A. Hall</u> Jimmy A Hall
			Certificate No: 2743027 Radio 1, 2 & 3 Repairman
			Spirit Avionics Ltd CRS# UOKR250X 4808 E. 5th Ave. Columbus, Ohio 43219 09/29/03 N840H
			Re-installed the Bendix weather radar ART 161 returned from repair. The repaired ART 161 operationally checks satisfactory IAW the Bendix RDR-160 IM P/N: 006-00908-0000 Rev 1 dated Aug 1979.
			On P/N: 4001018-6104 S/N: 1703
			Refer to Spirit Avionics Ltd WO# 3324.
			The maintenance listed above was performed in accordance with the manufacturer's specifications and with the current Federal Aviation Regulations and is approved for return to service with regards to the maintenance accomplished.
			Authorized Signature: <u>Jimmy A. Hall</u> Jimmy A Hall
			Certificate No: 2743027 Radio 1, 2 & 3 Repairman

DATE	AIRFRAME TIME IN	AVIONICS TIME IN	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
MFG Piper MODEL PA-23-250E S/N 27-4755			BECKETT ENTERPRISES Cuyahoga County Airport 355 Richmond Road Cleveland, OH 44143 CRS EWOR225Y DATE March 6, 2000 WO# 12870A T.T. 1056.8 Hobbs N840H Removed the Bendix/King KN 65A P/N 066-01029-0003 S/N17335 and KI 266 P/N 066-03047-0000 S/N 11297 from the aircraft and sent it out to Bevan-Rabell for repair as needed. Got the KN65A and KI 266 back from Bevan-Rabell and reinstalled units back in aircraft and tested to M.F.G. specs.
			<u>MAINTENANCE RELEASE</u> The Aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under Order Number : 12870A Date: March 6, 2000 Signed: <i>[Signature]</i> Time: 1056.8 Hobbs EWOR225Y Cleveland, Ohio 44143
MFG. Piper MODEL PA-23-250E S/N 27-4755			BECKETT ENTERPRISES Cuyahoga County Airport 355 Richmond Road Cleveland, OH 44143 CRS EWOR225Y DATE April 8, 2000 WO# AV-00-13053 T.T. 1066.7 Hobbs N840H Removed the #1 comm/nav and sent it out for repair due to a loud squeal noise caused by the comm/nav unit. Unit was repaired by Narco Avionics. Reinstalled unit upon completion or repairs. Performed an operational check out on #1 comm/nav system. Systems operated normally and within manufacturer's specifications.
			<u>MAINTENANCE RELEASE</u> The Aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under Order Number : AV-00-13053 Date: April 8, 2000 Signed: <i>[Signature]</i> Time: 1066.7 Hobbs EWOR225Y Cleveland, Ohio 44143

MFG Piper
MODEL PA-23-250E
S/N 27-4755

BECKETT ENTERPRISES
Cuyahoga County Airport
355 Richmond Road
Cleveland, OH 44143
CRS EWOR225Y

DATE April 10, 2000
WO# AV-00-13053
T.T. 1066.7 Hobbs

N840H

Removed the loaner KG102A directional gyro, p/n 060-0015-00 s/n 20796. Installed the original KG102A directional gyro, p/n 060-0015-00 s/n 40206, after the unit was overhauled by Honeywell International. Performed a functional check out on system, system operated normally and within manufacturer's specifications.

MAINTENANCE RELEASE

The Aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under Order Number : AV-00-13053

Date: April 10, 2000

Time: 1066.7 Hobbs

Signed

BECKETT ENTERPRISES
355 Richmond Road

EWOR225Y
Cleveland, Ohio 44143

MFG. Piper
MODEL AZTEC
A/CN # 840H
A/C S # 27-4755

BECKETT ENTERPRISES
Cuyahoga County Airport
355 Richmond Road
Cleveland, OH 44143
CRS EWOR225Y

DATE 10-29-99
WO# 12609A
T.T. 1054.0 Hobbs
T.L.

THE ALTIMETER/ENCODER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED AND FOUND TO BE SATISFACTORY IN ACCORDANCE WITH FAR 43 APPENDIX "E."

ALTIMETER(S) CERTIFIED BY CRS EWOR225Y TO 20,000 FT. REFER TO ATTACHED MAINTENANCE RELEASE. ALTITUDE ENCODING SYSTEM CERTIFIED BY BECKETT ENTERPRISES, C.R.S.#EWOR225Y SIGNED Kendall DATE 10-29-99 CERT. NO.

THE TRANSPONDER TEST REQUIRED BY FAR 91.413 HAS BEEN PERFORMED AND FOUND TO MEET THE REQUIREMENTS OF FAR 43 APPENDIX "F", AND APPENDIX "E" PAR. C. IF APPLICABLE

TXP MAKE NARCO MODEL AT-50
SERIAL NO. TSO
BECKETT ENTERPRISES C.R.S.#EWOR225Y

MAINTENANCE RELEASE

The Aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under Order Number 12609A

Date 10-29-99

Time 1054.0 (H)

Signed

BECKETT ENTERPRISES
355 Richmond Road

C.R.S.#EWOR225Y
Cleveland, Ohio 44143

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			Removed: BENDIX COMPASS SYSTEM, AIM DH-841A HORIZON, NARCO MK-12D NAV/COMM, AND NARCO IN-824 NAV IND. KING KN-65 DME SYSTEM. Installed: ALLIED/SIGNAL KCS-55A COMPASS SYSTEM, KI-258 HORIZON, NARCO MK-12D NAV/COMM WITH GLIDESLOPE AND IN-825 NAV IND. KING KN-65A DME SYSTEM. NEW WEIGHT AND BALANCE FOLLOWS NEW EMPTY WEIGHT-3355.9 NEW C.G.-90.91 NEW MOMENT-305016.13 NEW USEFUL LOAD-1844.71 The Aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under Order Number 9016A Dated JAN 21 1997 Time 720.0 HOBBS <i>J. E. Smith</i>
4/23/97	759.7 Hobbs		Removed the Apollo 618 Loran-C, Apollo Altitude encoder, Apollo A-16 Antenna, and RSU 21 switcher. Installed new Allied-Signal (Bendix/King) KLN90B GPS, KA92 Antenna, and Avionics International AI 90B switcher. See FAA form 337 this date for details. New weight & balance as follows: E.W. 3352.49, E.W.C.G. 90.88 Moment 305143.83 Useful load 1842.51 MAINTENANCE RELEASE THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER ORDER NO. 9231A Date 4/23/97 Time 759.7 <i>Ken D. Stone</i> BECKETT ENTERPRISES, INC. OQSR102N 355 Richmond Road Cleveland, Ohio 44143

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			MFG Piper MODEL PA-23-250E S/N 27-4755 BECKETT ENTERPRISES Cuyahoga County Airport 355 Richmond Road Cleveland, OH 44143 CRS EWOR225Y N840H DATE March 6, 2000 WO# 12870A T.T. 1056.8 Hobbs Pulled out copilots MK12D and pulled out the copilots nav indicator and set them up on the bench adjusted a 10 degree error out of the nav indicator. Reinstalled copilots MK12D and nav indicator in the aircraft and tested meets M.F.G. specs at this time. Then I adjusted out a 10 degree error out of the pilots H.S.I by removing the face plate on the pilots MK12D and adjusting the VOR adjustment until the error Was gone. Then put the face plate back on the MK12D. Tested the unit meets M.F.G. specs at this time. MAINTENANCE RELEASE The Aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under Order Number : 12870A Date: March 6, 2000 Time: 1056.8 Hobbs Signed <i>Ken D. Stone</i> BECKETT ENTERPRISES EWOR225Y 355 Richmond Road Cleveland, Ohio 44143
			MFG Piper MODEL PA-23-250E S/N 27-4755 BECKETT ENTERPRISES Cuyahoga County Airport 355 Richmond Road Cleveland, OH 44143 CRS EWOR225Y N840H DATE March 6, 2000 WO# 12870A T.T. 1056.8 Hobbs Removed the Bendix/King KG 102A Directional Gyro, p/n: 060-0015-00 s/n: 40206. Installed a rental KG 102A Directional Gyro, p/n: 060-0015-00 s/n: 20796. Gyro was removed for troubleshooting due to an intermittent compass system problem. MAINTENANCE RELEASE The Aircraft or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on File at this repair station under Order Number : 12870A Date: March 6, 2000 Time: 1056.8 Hobbs Signed <i>Ken D. Stone</i> BECKETT ENTERPRISES EWOR225Y 355 Richmond Road Cleveland, Ohio 44143

AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. _____

Aircraft Registration No. 840H
Aircraft Manufacturer Piper
Model PA-23-250 Aztec
Serial No. 27-4755

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1. _____	<u>KI-258 Horizon</u>	_____
2. <u>Narco</u>	<u>MK-128 Nav/com</u>	_____
3. _____	<u>IN-825 Nav and</u>	_____
4. <u>KING</u>	<u>KN-65A DME Sys.</u>	_____
5. <u>Allied/signal</u>	<u>KCS-55A Compass Sys</u>	_____
6. <u>S-Tec</u>	<u>60-2 Autopilot</u>	_____
7. <u>Bendix/King</u>	<u>KMA-24 Audio/marker</u>	_____
8. _____	_____	_____
9. _____	_____	_____
10. _____	_____	_____
11. _____	_____	_____
12. _____	_____	_____
13. _____	_____	_____
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20. _____	_____	_____



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AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AVIONICS
MAINTENANCE
RECORDS**

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8-9-93	3960.7		Installed DM C63 on bottom center of fuselage. Installed AU-23 antenna on bottom right of fuselage. Installed BUD junction box on left side panel aft of pilot seat. Installed wiring for external PA system. Weight + Balance computed. New useful load 1839.15 Et. wt. 3360.85 C.G. 90.99 Moment 305810.8 Kevin L. Stubbs JRUR354F
PA23-250 WO 5222A LOG ENTRY N840H S/N 27-4755 A/C TT-3983.9 Removed: Piper Altimatic V Autopilot/F.D., Narco CP136 Audio Panel, Terra TM-23 Marker Receiver & R.C. Allen T&B Indicator Installed: S-Tec System 60-2 with AutoTrim Installed in accordance with STC# SA5327SW-D, SA5354SW-D & SA1480WE Bendix/King KMA-24 Audio/Marker Receiver. New weight and balance follows: New Empty weight 3350.49 New C.G. 90-97 New Moment 304805.24 New Useful Load 1849.51. Removed HSI P/N 4000172-8513 S/N 4166X & sent to Instrument shop for conversion to P/N 4000-172-8505. Modification performed by J.D. Chapdelaine Co. CRS #WI4R623M. Reinstalled unit after modification. 1/28/94  Beckett Enterprises Inc OQ5R102N			
12-13-95	4267.3		Removed defective co-pilot directional gyro mal No. RCA11A-10 SN 34487. Installed repaired gyro. Malel 4000B-8 SN 85913E. Gyro functionally tested for proper operation. Op check normal. Kevin L. Stubbs JRUR354F

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
10-8-96	697.1		Removed #2 Nav indicator for overhaul P/N ID-824-TSO SN 1609B. Installed new indicator P/N ID-824-TSO SN 23629. Removed #1 Nav com SN 53451 for alignment and calibration. Installed serviceable Nav com SN 53245. Kevin L. Stubbs JRUR354F
			See log #2

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			ATC Transponder tests and inspections as required by FAR 91.172, IAW FAR 43, Appendix F have been performed. Date <u>3-30-87</u> Model <u>N2100</u> S/N <u>4760</u> Date _____ Model _____ S/N _____ <u>R. J. J. J. J.</u> w/10* 11707 For OSU Airport, FAA Repair Station #1038
			Feb 5 1988 Installed Apollo 612 Loran in center radio stack coupled to Bendix HSI with a RSU-21 NAV relay box. All work was done in accordance with manufacturers installation manuals and AC 43.13 1A/2A as a guide. (See 337 Form for details) Ohio State Univ Repair Station #1038 <u>R. J. J. J. J.</u>
29 NOV 89	2050.1 mv	1221.6 mv	THIS DATE: REPLACED DEFECTIVE MARCO 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>Mark y/le</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 F have been performed Static system: Date <u>11-29-89</u> Altimeters tested: <u>20,000</u> mv Repair Station: <u>1038</u> LH S/N <u>D1083</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>Mark y/le</u> Natural Resources Air Operations FAA Repair Station C07-28

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
12-10-91	TOTAL 3777.9		Altitude (s) static system and altitude reporting equipment reporting equipment tests as required by FAR 91.411, IAW FAR 43, Appendix E have been performed Static system test date <u>12-10-91</u> Altimeters tested by <u>CAPITAL</u> Repair Station <u>8112114K</u> LH S/N <u>146711</u> Date <u>12-5-91</u> Tested to <u>29,000'</u> RH S/N <u>D1083</u> Date <u>12-5-91</u> Tested to <u>29,000'</u> Signature <u>[Signature]</u> STATE OF OHIO CRS JRUR354F
			ATC Transponder tests and inspections as required by FAR 91.413, IAW FAR 43, Appendix F have been performed Date <u>12-10-91</u> Model <u>AT-50750</u> S/N <u>32391</u> ^{MU} <u>12-10-91</u> Date <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u> Signature: <u>[Signature]</u> STATE OF OHIO CRS JRUR354F
			Automatic pressure altitude reporting system has been tested as required by FAR 91.411, IAW FAR 43, Appendix E, para. (C) Date <u>12-10-91</u> Signature: <u>[Signature]</u> STATE OF OHIO CRS JRUR354F

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
9-11-80	2567.6	74.5	Resoldered two wires in CP136 AUDIO PANNEL Charles L. Lawrence A+P 1491147
			FAR 91.177 complied with this date. Transponder(s) checked as per Appendix F, Part 43 of Federal Air Regulations. AT-150
			2/17/1982 WO# 146382 J. J. J. J. for Captain. J. J. J. J. Electronics FAA Repair Station #1106
1-23-84	2793.9		Tach time 420.8 hrs. Reinstalled CA-814A Flight Controller and FC823B computer amplifier after testing and repair by Bendix Avionics Division, Dayton, Ohio Details of repairs + service may be found under W/O # R0970599 & R0970599 dated 1-18-84. Charles L. Lawrence A+P 1491147

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
6-6-84	HoBBS 483.4		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>6-6-84</u> Altimeters Tested by <u>Mark 7/6</u> Repair Station <u>C07-28</u> LH S/N <u>21083</u> Date <u>6-5-84</u> Tested to <u>20,000 FT.</u> RH S/N <u>146711</u> Date <u>6-6-84</u> Tested to <u>20,000 FT.</u> Signature: <u>Mark 7/6</u> Natural Resources Air Operations FAA Repair Station C07-28
			ATC Transponder tests and inspections as required by FAR 91.172, IAW FAR 43, Appendix F have been performed Date <u>6-5-84</u> Model <u>AT 150T50</u> S/N _____ Date _____ Model _____ S/N _____ Signature: <u>Mark 7/6</u> Natural Resources Air Operations FAA Repair Station C07-28
7-5-84	2889.8		Removed expired E.L.F. Battery and installed new E.L.F. Battery and tested. Expires June 1986. Jack June 517.1 hr. Kimberley Anne Chapman AIP 276681688
7/24/84			REPAIRED AUTOPILOT CONTROLLER, PITCH TRIM SERVO, AND COMPUTER AMPLIFIER AS DETAILED IN WORK ORDER #15896 Robert K. Bishop NATIONAL FLIGHT SERVICES #2266116 Toledo Express Airport SWANTON OHIO 43558 CRS 1192

JOHNSON 561 FREQ

A-47.22

B-47.34

E-47.40

K-47.30

45.02-PATROL

D-45.76



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. 1

Aircraft Registration No. N459G

Aircraft Manufacturer PIPER

Model PA-23-250 "E"

Serial No. 27-4755

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

Mfg.	Model	Serial No.
1. NARCO	ELT	ELT-10
2. BENDIX	RADAR	RDR 160
3. NARCO	COM	120 Removed 9-26-86
4. NARCO	COM	120 " "
5. NARCO	NAV	124 " "
6. NARCO	NAV	124 " "
7. NARCO	ADF	141
8. NARCO	XPN	AT 150 33188
9. NARCO	VOR-ILS	ID 101 Removed 9-26-86
10. JOHNSON	XCOM	TRANSCOM II 561
11. SIGTRONICS (IC)		TRANSCOM 3283
12.		
13. NARCO	MK-120 G.S	NAV-COM-G.S Installed 9-26-86
14. NARCO	MK-120	NAV-COM " "
15. NARCO	ID-824	Indicator " "
16. Apollo	612	Loran
17. RSU-21	NAV Relay Box	
18.	Loran Ant.	
19.		
20.		