

THE
adlogTM
**AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM**

**AVIONICS
MAINTENANCE
RECORDS**



AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Log No. _____

Aircraft Registration No. N 7830Y

Aircraft Manufacturer PIPER

Model PA-30

Serial No. 30-906

EQUIPMENT LISTING

List all installed avionics, autopilot and flight director equipment.

	Mfg.	Model	Serial No.
1.	_____	_____	_____
2.	_____	_____	_____
3.	_____	_____	_____
4.	_____	_____	_____
5.	_____	_____	_____
6.	_____	_____	_____
7.	_____	_____	_____
8.	_____	_____	_____
9.	_____	_____	_____
10.	_____	_____	_____
11.	_____	_____	_____
12.	_____	_____	_____
13.	_____	_____	_____
14.	_____	_____	_____
15.	_____	_____	_____
16.	_____	_____	_____
17.	_____	_____	_____
18.	_____	_____	_____
19.	_____	_____	_____
20.	_____	_____	_____



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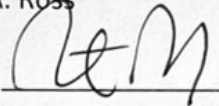

P.O. Box 1359 / Southold, NY 11971-0965

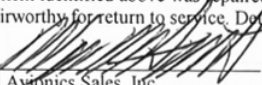
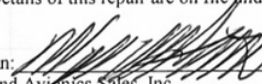
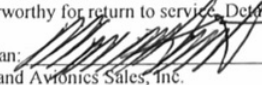

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DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			<p>Clear Sky Aviation, LLC 660 Hunters Place, Suite 102, Charlottesville VA, 22911 T : 434-249-3421</p> <p><i>I certify that the transponder tests and inspections required by FAR 91.413 have been performed in accordance with FAR 43, Appendix F.</i></p> <p>Aircraft Registration #: <u>N7830Y</u> Tach Time: <u>1533.8</u></p> <p>Transponder Model #: <u>GTx 327</u> Serial #: <u>83709986</u></p> <p>Inspector's Name: Robert A. Ross</p> <p>Chief Inspector's Signature: <u></u> Date Signed: <u>12/6/2016</u></p> <p>Repair Station Certificate # 3C1R322C</p>
			<p>Clear Sky Aviation, LLC 660 Hunters Place, Suite 102, Charlottesville VA, 22911 T : 434-249-3421</p> <p><i>I certify that the altimeter and static system tests and inspections required by FAR 91.411 been performed in accordance with FAR 43, Appendix E.</i></p> <p>Aircraft Registration #: <u>N7830Y</u> Tach Time: <u>1533.8</u></p> <p>Altimeter to: <u>12K</u> Feet on Date: <u>12/6/2016</u></p> <p>Altimeter Model #: <u>IFR 45-20</u> Altimeter Serial # <u>1975</u></p> <p>Encoder Model #: <u>APOLLO 428-2003</u> Encoder Serial #: <u>1729</u></p> <p>Inspector's Name: Robert A. Ross</p> <p>Chief Inspector's Signature: <u></u> Date Signed: <u>12/6/2016</u></p> <p>Repair Station Certificate # 3C1R322C</p>
			Form 204 – Revision Number 1.1 – Revision Date 04/02/2015

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK								
			<p>Aircraft Tail #: N7830Y Make: Piper Model: PA-30 S/N: 30-906 Hobbs: 6583.1</p> <p>Removed an unused AK-350 blind encoder S/N 352159. Installed a Freeflight Systems FDL-978-XVR system consisting of a FDL-978-XVR Transceiver S/N 1834P971 and TC-978 Controller S/N 4017-01207. See FAA 337 form dated 25/JAN/2019 for further details. Installed a RS-232 to WIFI Transceiver P/N FWF-125, S/N 1832V090 under instrument panel with #8-32 screws and self-locking nuts. The installation was accomplished referencing the FreeFlight FWF-125 Installation Manual P/N 87330 rev. E, dated December 2, 2016, and the procedures and practices contained AC43.13-1B. All new wiring meets the requirements of Mil 22759/16 for general hook up wire and Mil 27500/18 for shielded wiring. An electrical load analysis was performed as described in AC 43.13-1B chapter 11, section 2. Total electrical load is less than 80% of alternator current load rating. The item identified above was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to service. Details of this repair are on file under W.O. # <u>M5370</u>.</p> <p>Technician:  Date: 25/JAN/2019 Aircraft and Avionics Sales, Inc. New Cumberland, PA 17070 A&P 3316993</p>								
			<p>Aircraft Tail #: N7830Y Make: Piper Model: PA-30 S/N: 30-906 Hobbs: 6583.1</p> <p>Complied with Garmin Service Bulletin No. 1766 rev. A on GNS 530W P/N 011-01064-40 S/N 78405259 by installing Main software version 5.40 in accordance with Garmin software Service Bulletin No. 1762 rev. A. Performed testing procedures contained in Part Three of the service bulletin. All checks were good. Complied with Garmin Service Bulletin No. 1315 rev. A on GNS 530W P/N 011-01064-40 S/N 78405259 by installing GPS software version 5.0 in accordance with Garmin software Service Bulletin No. 1317 rev. B. Removed GNS 530W Flight Manual Supplement P/N 190-00357-03 rev. B and installed Aircraft Flight manual Supplement P/N 190-00357-03 rev. F. Complied with Garmin Service Bulletin No. 0809 rev. A on GTX 327 S/N 83709986 by installing software version 2.10. Successfully completed testing procedures. The items identified above was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to service. Details of this repair are on file under W.O. # <u>A7715</u>.</p> <p>Technician:  Date: 25/JAN/2019 Aircraft and Avionics Sales, Inc. New Cumberland, PA 17070 FAA Repair Station # 13AR318B</p>								
			<p>Aircraft Tail #: N7830Y Make: Piper Model: PA-30 S/N: 30-906 Hobbs: 6583.1</p> <p>I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested to 20,000 ft. The transponder installed in this aircraft has been tested in accordance with FAR 91.413 and Part 43 appendix F. Tested encoder in accordance with FAR 91.217.</p> <p>Altimeter P/N 5934P-3A.83 S/N 519200 Encoder P/N TC-978 S/N 4017-01207 Transponder P/N GTX 327 S/N 83709986</p> <p>The items identified above was repaired and inspected in accordance with current FAA regulations and was found airworthy for return to service. Details of this repair are on file under W.O. # <u>A7715</u>.</p> <p>Technician:  Date: 25/JAN/2019 Aircraft and Avionics Sales, Inc. New Cumberland, PA 17070 FAA Repair Station # 13AR318B</p>								
			<table border="0"> <tr> <td>Tail: N7830Y</td> <td>Make: Piper</td> <td>Model: PA-30</td> <td>S/N: 30-906</td> </tr> <tr> <td>Date: 5/8/2020</td> <td>Hobbs: 1853.4</td> <td>AFTT: 6853.4</td> <td></td> </tr> </table> <ul style="list-style-type: none"> Removed GNS 530 cleaned and straightened bent pins in P0001 connector, reinstalled GNS 530; ops check good. <p>Advanced Wings – Allentown (XLL) 1730 Vultee St. Allentown, PA 18103</p> <p style="text-align: right;"> Jason Carvino 370914 A&P</p>	Tail: N7830Y	Make: Piper	Model: PA-30	S/N: 30-906	Date: 5/8/2020	Hobbs: 1853.4	AFTT: 6853.4	
Tail: N7830Y	Make: Piper	Model: PA-30	S/N: 30-906								
Date: 5/8/2020	Hobbs: 1853.4	AFTT: 6853.4									

DATE

Altimeter/Transponder Inspection Results Form

Aircraft N 7830Y Model PA-36 S/N 30-906
 Altimeter Tested to Part 43 Appendix E
 MFG United Case Leak alt 18000 ft
 P/N 594 P-3 Feet per Min -30 ft
 S/N 515200 Hysteresis
 Test Date 12/10/2020 50% 0
 Insp [Signature] 40% +5
 After Effect +10

Encoder Error
 Up Down

Scale Error

Friction

-1000	-5		1000	+15	
0	0	-50	+40	2000	+15
500	0	-40	+40	3000	+10
1000	+5			5000	+15
1500	+4	-40	+60	10000	+15
2000	+10			15000	+40
3000	+10	-30	+60	20000	+40

dated July, 2013 as well as the Instruction for Continued Airworthiness for the Cies fuel senders Doc. No. CC-TR-2840-031 Rev. E dated November, 2019, have been provided to the Owner/Operator. I certify that the aircraft is airworthy and returned to service only for the work accomplished in this log entry. SureFlight, LLC. Certified Repair Station: CRS75UR489B Chris Vinciguerra, Avionics Repairman

I certify that this altimeter, altitude reporting equipment and static system has been checked IAW FAR 91.411, Part 43, Appendix E.
 The altimeter was tested to 20,000 ft.
 Date 12/10/2020
 Static system test date 12/10/2020
 Signature [Signature]
 Sky Manor Avionics CRS# 5S4R079C

I certify that this aircraft's transponder Model # GT-327 S/N 83709986
 Has been checked in accordance with FAR 91.413, Part 43, Appendix F. Date 12/19/2020
 Signature [Signature]
 Sky Manor Avionics CRS# 5S4R079C

N7830Y Sky Manor Avionics
 48 Sky Manor Rd.
 Pittstown, NJ 08867
 CRS# 5S4R079C

25000 _____
 30000 _____
 35000 _____
 40000 _____
 45000 _____
 50000 _____

29.50 - 400
 29.92 0
 30.50 + 510
 30.90 + 890
 30.99 + 980

DATE

SERVICE

SERVICE

SUREFLIGHT

AIRCRAFT COMPLETIONS

Date: 29 October 2020 A/C: Piper PA30 Reg: N7830Y S/N: 30-906 Airframe TT: 6924.7

Removed existing analog engine gauges, fuel gauges, and JPI EDM760. Installed in the same location of the removed gauges, new Electronics International CGR-30P Twin Combo Package consisting of dual CGR-30P displays and one CGR30-C display. Installed two EDC-33P Engine Data Converters and two PT-30ABS Manifold pressure sensor at FS 60. Removed existing fuel senders and replaced them with new CIES senders. The two main tank senders were replaced with Cies part number CC284022-(0813)-(101), two aux tank senders were replaced with Cies part number CC284022-(0813)-(101), and the two tip tank senders were replaced with Cies part number CC284022-(2219)-(101). All new senders were terminated to the right and left EDC33-P Engine Data Converters. Power to the senders supplied via the auxiliary power buss through a 1 Amp Klaxon 7277-1 circuit breaker. Installation of the dual CGR30-P, EDC-33P, and PT-30ABS, as well as associated engine sensors were installed in accordance with the Electronics International CGR-30P Installation Instructions II 02151301 Rev. E dated May 2015 and STC SA022835E. The CGR30-C was installed in accordance with the CGR-30C Installation Instructions II 10291301 Rev. B dated May 2015 and STC SA024025E. The Cies Fuel Senders were installed and calibrated in accordance with Cies STC Installation Manual Doc. No. CC-TR-2840-031 Rev. E dated November, 2019 and STC SA025115E. Performed engine run up test and leak check of all engine sensors in accordance with the Electronics International CGR-30P Installation Instructions Rev. E dated May 2015 and STC SA022835E. The CGR30-C was installed in accordance with the CGR-30C Installation Instructions and STC SA024025E. Aircraft was reweighed after the installation and the new weight and balance was installed in the aircraft POH. Electronics International CGR-30P and CGR-30C Instructions for Continued Airworthiness Doc. No. 06211301 Rev. E, dated March 2014 and Operating Instructions OI 0702131 dated July, 2013 as well as the Instruction for Continued Airworthiness for the Cies fuel senders Doc. No. CC-TR-2840-031 Rev. E dated November, 2019, have been provided to the Owner/Operator. I certify that the aircraft is airworthy and returned to service only for the work accomplished in this log entry. SureFlight, LLC. Certified Repair Station: CR57SUR489B Chris Vinciguerra, Avionics Repairman

Chris Vinciguerra

I certify that this altimeter, altitude reporting equipment and static system has been checked IAW FAR 91.411, Part 43, Appendix E.

The altimeter was tested to 20,000 ft.

Date 12/10/2020

Static system test date 12/10/2020

Signature *Chris Vinciguerra*

Sky Manor Avionics CRS# 5S4R079C

I certify that this aircraft's transponder

Model # GT-327 S/N 83709986

Has been checked in accordance with FAR 91.413, Part 43, Appendix F. Date 12/19/2020

Signature *Chris Vinciguerra*

Sky Manor Avionics CRS# 5S4R079C

N7830Y

Sky Manor Avionics
 48 Sky Manor Rd.
 Pittstown, NJ 08867
 CRS# 5S4R079C

DATE

AIRFRAME
TIME
IN
SERVICE

AVIONICS

ED—
FORMING WORK

N7830Y

Fuel Calibrations

26Jan2021

set
All calibrations were ~~test~~ using Manufacturers instructions.

0.0 Left Main value/ count

1.0 0.0/132.1

2.0 7.5/160.1

3.0 15/192.1

4.0 22.5/234.0

5.0 30/282.0

Right Main Value/count

1. 0.0/136.5

2. 7.5/166.8

3. 15.0/200.0

4. 22.5/247.8

5. 30.0/293.4

Left AUX Value/count

1. 0.0/114.6

2. 3.7/154.7

3. 7.4/192.1

4. 11.1/228.8

5. 15.0/283.2

Right AUX

1. 0.0/143.1

2. 3.7/156.6

3. 7.4/194.0

4. 11.1/243.9

5. 15.0/295.9

Tail: N7830Y

Date: 03/08/2022

Make: Piper

Hobbs: 1985.1

Model: PA-30

AFTT: 6985.1

S/N: 30-906

- Installed back-up battery STC SA04400NY IAW TCW Technologies Installation Manual Doc. No. 725.0047 Rev. 1.1. See FAA form 337 dated this date. See TCW Technologies 8130-3 form number 18012. Amended weight and balance. Inserted Updated W&B and AFM Supplement TCW Doc. No. 725.0005 rev. 1.7 into AFM.

All work performed IRT Piper PA30 AMM and TCW Technologies Installation Manual Doc. No. 725.0047

flyADVANCEDflyADVANCED – Allentown (XLL)
1730 Vultee St. Allentown, PA 18103
Jason Carvino 3708914 A&P IA

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK										
				<p>Aircraft Tail #: N7830Y Make: Piper Model: PA-30 S/N: 30-906 Hobbs: 2053.4</p> <p>I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested to 20,000 ft. The transponder installed in this aircraft has been tested in accordance with FAR 91.413 and Part 43 appendix F. Tested encoder in accordance with FAR 91.217.</p> <table> <tbody> <tr> <td>GI 275 #1</td> <td>S/N 5MZ203070</td> </tr> <tr> <td>GI 275 #2</td> <td>S/N 5MZ202985</td> </tr> <tr> <td>Altimeter P/N 5934P-3A.83</td> <td>S/N 519200</td> </tr> <tr> <td>Encoder P/N TC-978</td> <td>S/N 4017-01207</td> </tr> <tr> <td>Transponder P/N GTX 327</td> <td>S/N 83709986</td> </tr> </tbody> </table> <p>The items identified above were repaired and inspected in accordance with current FAA regulations and was found airworthy for return to service. Details of this repair are on file under W.O. # <u>A9789</u>.</p> <p>Technician: _____ Date: 21MAR/2023 Aircraft and Avionics Sales, Inc. New Cumberland, PA 17070 FAA Repair Station # 13AR318B</p>	GI 275 #1	S/N 5MZ203070	GI 275 #2	S/N 5MZ202985	Altimeter P/N 5934P-3A.83	S/N 519200	Encoder P/N TC-978	S/N 4017-01207	Transponder P/N GTX 327
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