



*The Standard*

# AIRCRAFT LOG

ASA-SA-1



**ASA-SA-1**



3/

**Aircraft Record General Information**

Manufacturer Piper Serial 4608062  
Date of Manufacture 3/16/87  
Model PA-46-310P Registration Number N711XL

Engine(s) currently installed: \_\_\_\_\_  
Manufacturer Cottman Model \_\_\_\_\_  
Serial TS10550C1B Serial 802549

Propeller(s) currently installed: \_\_\_\_\_  
Manufacturer Hartzell Model \_\_\_\_\_  
Serial 5/N: NT378B Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_  
Blade Model \_\_\_\_\_ Serial \_\_\_\_\_

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------------	---------------------------	-------------------	-----------------------------	--

### AIRFRAME

Registration	N711XL	Tach	N/A
Make	Piper	Hobbs	1015.2
Model	PA-46-310P	AFTT	3427.3
Serial	4608062		



Replaced ELT battery with new PN: S1840510-01 SN: 2316 0190. Inspected ELT IAW 14CFR Part 91.207 (d), all tests satisfactory. Battery expires 03/2030. Replaced one static discharger on LH elevator with new PN: 456-904.

\*\*\*END\*\*\*

Signature

Date

01/28/2024

John Cole Givens AP3740212



YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
------------------------	---------------------------	-------------------	-----------------------------	---


### AIRFRAME

Registration	N711XL	Tach	N/A
Make	Piper	Hobbs	1027.1
Model	PA-46-310P	AFTT	3439.2
Serial	4608062		



Removed AeroFlash belly beacon system. Installed WAT LED beacon PN: OR36R2N. Operational checks satisfactory.

\*\*\*END\*\*\*

Signature  Date 03/29/2024  
John Cole Givens AP3740212




YEAR  
20\_\_\_\_  
DATE

**AIRFRAME**

Registration	N711XL	Tach	N/A
Make	Piper	Hobbs	1048.2
Model	PA-46-310P	AFTT	3460.3
Serial	4608062		



ian or

Performed an ANNUAL inspection IAW 14CFR Part 43 Appendix D. Performed periodic airframe lubrication. Performed gear retraction and emergency extension checks, all satisfactory. Inspected ELT IAW 14CFR Part 91.207 (d), all tests satisfactory. Battery expires 12/2026. Inspected gascolator and replaced seals. Replaced seals in LH & RH brake calipers. Bled and serviced brakes. Removed and reinstalled control wheels following leather wrapping, material certs installed into aircraft records. Complied with Garmin STC SB 24046 Rev. A by upgrading G500 Txi system software to version 3.62. Complied with Garmin STC SB 24045 Rev. A by upgrading GTN 750Xi system software to version 20.42. Complied with AD 2023-09-09 by completing inspections per paragraphs (K) (1) through (7), with no faults noted. See AD compliance report with permanent aircraft records. I certify this AIRFRAME has been inspected IAW an ANNUAL inspection and was found to be in an AIRWORTHY condition. \*\*\*END\*\*\*

Signature

Date

11/15/2024

John Cole Givens AP3740212IA



YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections. Tests. Repairs and Alterations	n or
------	-----------	---------	-------	--	------

20				AIRFRAME	CRS 50UD487D
----	--	--	--	----------	--------------

Registration	N711XL	Tach	N/A
Make	Piper	Hobbs	1048.2
Model	PA-46-310P	AFTT	N/A
Serial	4608062		
Workorder	081		



The altimeter and static system tests required by 14 CFR Part 91.411 have been accomplished.

The Pilot altimeter was tested to an altitude of 30,000 feet and found to comply with 14 CFR Part 91.411.

The Co-pilot altimeter was tested to an altitude of 30,000 feet and found to comply with 14 CFR Part 91.411.

The Standby altimeter was tested to an altitude of 30,000 feet and found to comply with 14 CFR Part 91.411.

The ATC Transponder was tested and inspected and found to comply with 14 CFR Part 91.413.

Signature John Cole Givens Date 11/15/2024

Co-Pilot  
 andb  
 met  
 +1  
 +1  
 +1  
 +15  
 +15  
 +15  
 +15  
 00



# Altimeter, Pitot Static Worksheet FAR 91.411 Part 43 Appendix E

FAA RS#

50UD487D

Form #

SAG 03.010

Effective Date

12/07/2022

Revision #

Original

Page 1 of 2

Date

11/15/24

Work Order #

081

Aircraft Make

Piper

Aircraft Model

PA-46-310P

Aircraft Registration #

N711XL

Aircraft Serial #

4608062

#1 Altimeter Make

Garmin

#1 Altimeter P/N

011-03457-01

#1 Altimeter S/N

3MD001315

#2 Altimeter Make

Garmin

#2 Altimeter P/N

011-03457-01

#2 Altimeter S/N

3MD001325

Stby Altimeter Make

L3

Standby Altimeter P/N

ESI-500

Standby Altimeter S/N

2239

At 29.92" HG Altimeter Reads

Pilot

-15

Co-Pilot

-5

Standby

+15

Altitude (feet)	Tolerance (+/- feet)	CALIBRATION			FRICTION		
		Altimeter #1	Altimeter #2	Standby Altimeter	Friction Tolerance (+/- feet)	Altimeter #1	Altimeter #2
-1000	20	-15	-5	+15			
0	20	-15	-5	+15			
500	20	-15	-5	+15			
1000	20	-15	-5	+15	70	0	0
1500	25	-15	-5	+15			
2000	30	-15	-5	+15	70	0	0
3000	30	-15	-5	+15	70	0	0
4000	35	-15	-5	+15			
5000	35	-15	-5	+15	70	0	0
6000	40	-15	-5	+15			
8000	60	-15	-5	+15			
10000	80	-15	-5	+15	80	0	0
12000	90	-15	-5	+20			
14000	100	-15	-5	+20			
16000	110	-15	-5	+25			
18000	120	-15	-5	+30			
20000	130	-20	-5	+35	100	0	0
22000	140						
25000	155						
30000	180				120		
35000	205				140		
40000	230				160		
45000	255				180		
50000	280						

Stby

0

0

0

0

0

0



# Altimeter, Pitot Static Worksheet FAR 91.411 Part 43 Appendix E

FAA RS# 50UD487D  
Form # SAG 03.010  
Effective Date 12/07/2022  
Revision # Original  
Page 2 of 2

Date 11/15/24  
Aircraft Make Piper

Work Order # 081  
Aircraft Model PA-46-310P

Aircraft Registration # N711XL  
Aircraft Serial # 4608062

HYSTERESIS								
	Tolerance	Altimeter #1		Altimeter #2		Standby Altimeter		Time (Min)
		Reading	Error	Reading	Error	Reading	Error	
50% Max Altitude	+/- 75 Feet	-15	0	-5	0	+15	0	5
40% Max Altitude	+/- 75 Feet	-15	0	-5	0	+15	0	1

AFTER EFFECT					
	Altimeter #1	Altimeter #2	Standby Altimeter	Time (Min)	Error
Tolerance +/- 30 feet from start of test	-15	-5	+15	5	0/0/0

CASE LEAK		Time (Min)
	Error	
Tolerance +/- 100 Feet @ 18,000	-20/-5/-50	1

BAROMETRIC SCALE ERROR					
Pressure (In HG)	Altitude Difference (feet)	Tolerance	Altimeter #1	Altimeter #2	Standby Altimeter
28.10	-1727	25	-15	-5	+15
28.50	-1340	25	-15	-5	+15
29.0	-863	25	-15	-5	+15
29.50	-392	25	-15	-5	+15
29.92	0	25	-15	-5	+15
30.50	531	25	-15	-5	+15
30.90	893	25	-15	-5	+15
30.99	974	25	-15	-5	+15

Airspeed Scale	50	60	70	80	90	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500
Airspeed Reading	50	60	70	80	90	100	125	150	175	200	225											

Approved ☒ Rejected ☐

By: 



# **TRANSPONDER (MODE S) CERTIFICATION SHEET FAR 91.413 Part 43 Appendix E**

FAA RS# 50UD487D  
Form # SAG 04.010  
Revision # Original  
Date 12/07/2022  
Page 1 of 1

Date 11/15/24 Work Order # 081 Aircraft Registration # N711XL  
Aircraft Make Piper Aircraft Model PA-46-310P Aircraft Serial # 4608062

## **TRANSPONDER INSPECTION**

Make : Garmin Model 6TX 345 Serial # 3 E6026485

Mode S Aircraft Registration # N711XL Ident Yes ☒ No ☐

Aircraft Address A981DC

Transponder Mode A Code 1200

Transponder Mode C Altitude 900

Mode 3A & SLS	Pass <input checked="" type="checkbox"/>	<input type="checkbox"/> Fail
Mode 3C	Pass <input checked="" type="checkbox"/>	<input type="checkbox"/> Fail
Mode 3A All Call	Pass <input checked="" type="checkbox"/>	<input type="checkbox"/> Fail
Mode 3C All Call Mode S	Pass <input checked="" type="checkbox"/>	<input type="checkbox"/> Fail
Mode 3A Only	Pass <input checked="" type="checkbox"/>	<input type="checkbox"/> Fail
Mode 3C Only	Pass <input checked="" type="checkbox"/>	<input type="checkbox"/> Fail

Mode S Surveillance Identity Code 1200 100 % Reply FS A:1

Mode S Surveillance Altitude Alt 900 100 % Reply FS A:1

Mode S Surveillance Short Address A981DC 100 % Reply

Alt 900 FS A:1

Mode S Comm Identity Identity N711XL 100 % Reply Code 1200

Mode S Comm Altitude Address A981DC 100 % Reply Alt 900

Undesired Replies Yes Pass No (None) ☐ Fail

Squitter Test (ACQ) Pass ☒ ☐ Fail

Address A981DC II 0 Div 1180 ms

Diversity (if applicable) Pass ☐ ☐ Fail

Max TAS GT 150 LE 300

Vertical Status Bit VS = A:1

Power, Receiver, & Frequency Test Power Output 191 db Watts Rcvr Sens -73 db Freq 1090.1 mhz

Notes: \_\_\_\_\_

Passed ☒ ☐ Failed

Technician [Signature]



MAKE: PIPER  
MODEL: PA-46-310P  
S/N: 4608062  
REG. NO: N711XL



129 AIRPORT ROAD  
GEORGETOWN SC, 29440  
PH: 843-536-9929  
WO: GT25-01266

DATE: 4/30/25  
G500 FLT: 3394.7  
G500 TACH: 102.7  
G500 HOBBS: 1609.3

Page 1 of 1

A/C HOBBS: 1073.7

**The following work was accomplished:**

- Swapped RH & LH TIT probes for troubleshooting purposes. Ref. PA-46-310P AMM Rev.8 (PR210405) April 27, 2021. Applicable sections of Ch. 77-20-00.
- Removed and Replaced bolt P/N: AN7-15A, washers P/N: AN960-716 (2), and nut P/N: AN365-720A in NLG actuator and lower engine mount. Torqued to required limits. Ref. Piper PA-46-310P AMM (761-783) 5APR2021 Applicable sections of Ch. 32-20-00.

**The following Ads were complied with:**

- Complied with AD2023-09-09 Amendment 39-22432 Effective Date: 17JUL2023 Spot Welded, Multi-Segment Exhaust Tailpipe V-Band Coupling. Removed LH and RH Spot-Welded V-Band Couplings P/N: 532112A-344-Z from the tailpipe to turbocharger exhaust housing flanges & replaced with new riveted V-Band Couplings P/N: HK49C399-1. Leak check good. Per para (d)Applicability this terminates repetitive visual inspection.

**"I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. Pertinent details of the repairs are on file at FAA approved Repair Station Number Y5QR167C. Precision Air – Georgetown 129 Airport Rd. Georgetown SC, 29440".**

Inspector for CRS# Y5QR167C

*Nick Stue*



YEAR

20

DAT

MAKE: PIPER  
MODEL: PA-46-310P  
S/N: 4608062  
REG. NO: N711XL



129 AIRPORT ROAD  
GEORGETOWN SC, 29440  
PH: 843-536-9929  
WO: GT25-01291

DATE: 6/16/25  
G500 TXI FLT: 3395.9  
G500 TXI HOBBS: 1611.2  
G500 TXI TACH: 104.2

Page 1 of 1

**The following work was accomplished:**

- Removed and replaced main battery with a new Concorde Battery P/N: RG24-16M S/N: 41436670 IAW Piper PA-46-310P MM (761-783) 4/5/2021 Ch. 24-30-00. Ops check good.

**"I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. Pertinent details of the repairs are on file at FAA approved Repair Station Number Y5QR167C. Precision Air – Georgetown 129 Airport Rd. Georgetown SC, 29440".**

**Inspector for CRS# Y5QR167C**

*Neil Ford*



YEAR	RECORDING	TODAY'S	TOTAL	Description of Inspections, Tests, Repairs and Alterations
2				or
1				
-				
-	MAKE: PIPER			129 AIRPORT ROAD
-	MODEL: PA-46-310P			GEORGETOWN SC, 29440
-	S/N: 4608062			PH: 843-536-9929
-	REG. NO: N711XL			WO: GT25-01300
-				DATE: 06/25/2025
-				G500 TXI FLT: 3395.9
-				G500 TXI TACH: 104.4
-				G500 TXI HOBBS: 1611.5
-				Page 1 of 1



**The following work was accomplished:**

- Serviced air conditioning system with customer supplied R-12 Freon. Ops/leak Checks Good. Ref. PA-46-310P AMM (761-783) Rev. PR210405 APR 5, 2021. Applicable sections of Ch. 21-50-00.

**"I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. Pertinent details of the repairs are on file at FAA approved Repair Station Number Y5QR167C. Precision Air – Georgetown 129 Airport Rd. Georgetown SC, 29440".**

**Inspector for CRS# Y5QR167C**

*Nick Hane*

**Inspector for CRS# Y5OR167C**

*id wh*



<b>YEAR</b> 20	<b>RECORDING TACH TIME</b>	<b>TODAY'S FLIGHT</b>	<b>TOTAL TIME IN SERVICE</b>	<b>Description of Inspections, Tests, Repairs and Alterations</b> Entries must be endorsed with Name, Rating and Certificate Number of Technician or	
<b>DATE</b>				129 AIRPORT ROAD GEORGETOWN SC, 29440 PH: 843-536-9929 WO: GT25-01331	DATE: 12Aug2025 HOBBS: 1089.3
MAKE: Piper					
MODEL: PA-46-310P					
S/N: 4608062					
REG. NO: N711XL					

Page 1 of 2

**The following work was accomplished:**

- Removed #2 Vacuum Pump (PN: 28C444CW-6, SN: 7AM-42), its Adapter Plate and hardware from aircraft. Removed Standby Vacuum Pump Adapter Plate Gasket from Accessory Drive Pad. Removed Vacuum Regulator Filter Socks P/N: AA B3-5-1 (x2) from Nose Baggage Compartment. Removed Main Vacuum Filter Element P/N: RA-D9-18-1 from Nose Baggage Compartment. Installed New Standby Vacuum Pump Gasket P/N: 82-50130-B on Engine. Installed New LRT Diverter on New Standby Vacuum Pump. Installed New Aero Accessories Inc. Tempest Standby Vacuum Pump (P/N: AA442CW-4, S/N: 1AJG01). Installed New Main Vacuum Filter Element (PN: RA-D9-18-1) in Nose Baggage Compartment. Installed New Vacuum Regulator Filter Socks (x2) (PN: AA B3-5-1) in Nose Baggage Compartment. Performed operational checks of Vacuum and Pneumatic Pressure systems, ops check good. Work performed IAW Wilkinson Aircraft Services Inc. STC SA10107SC installation instructions supplied with Kit WAS0001 (SN: 1AJG01) Rev. 3 dated 09/01/2017. Equipment List updated. No Change in Weight. Installed Airplane Flight Manual Supplement Rev. 2 dated 09/01/2017 included with Wilkinson Aircraft Services Inc. Kit WAS0001 for Piper PA-46-310P in the Pilots Operating Handbook, and Form 337 dated 12Aug2025 has been filed.



YEAR	RECORDING	TODAY'S	TOTAL	
	<ul style="list-style-type: none"> <li>Removed and replaced the #2 EGT Probe with new (PN: 86255) on the Exhaust Riser in ref to Alcor EGT Probe Installation Instructions Booklet P/N: 59180 Rev. G JAN2008 for EGT Probe Installation Procedures. Ops check good.</li> <li>Adjusted both the LH and the RH Magneto's to 24° per Piper PA-46-310P AMM (PN: 761-782) dated 30Jun2025 section 74-10-00 and Continental SPM M-0 Rev. 1 dated Aug2024 section 6-4.9. Ops check good.</li> </ul>			

of Technician or

“I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service. Pertinent details of the repairs are on file at FAA approved Repair Station Number Y5QR167C. Precision Air – Georgetown 129 Airport Rd. Georgetown SC, 29440”.

Inspector for CRS# Y5QR167C *Draper BP*

2/2
