

N179BL

# AIRCRAFT LOG





# AIRCRAFT LOG

PIPER AIRCRAFT, INC.

General Offices at  
Vero Beach, Florida  
U.S.A.

OCT 16, 2008

~~NI6104M~~ NI79BL

Aircraft

Registration number

Part No. 230715



OWNER

NAME

ADDRESS

1 BERNIE J. LAIRD

94 HIDDEN ACRES CT.  
APPLETON WI 54912

2

3

4

5

6

If this book is found, please return it to the owner.



# AIRCRAFT DESCRIPTION

Registration No. ~~N6104M~~ <sup>DLT 16.2008</sup> N179BL

Model: PA-46R-350T Popular Name: MALIBU MATRIX

Serial No.: 4692060 Type Certificate No.: A2550

Colors: L0009 P1220 WHITE & MEDIUM SILVER MET. / OCEAN BLUE MET.

Engine Manufacturer: LYCOMING Serial Numbers: Single L-13166-61A

Original Engine Model: TIO-540-AE2A Left

Right

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HK 1437B

Original Propeller Model: HC-I34R-1E Left

Right

## Blade Numbers

Left

Right

1400  
1397  
1398

2008 MODEL



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
AUG 01 2008	Brought Forward →	10.9		I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.
				The Altimeter and Static System Test required by FAR 91.411 have been performed. The altimeter(s) have been tested:
				On (Pri) <u>6/17/08</u> (Sec) <u>5/2/08</u>
				<u>34,500</u> ft <u>35,000</u> ft
				The ELT is installed per FAR 91.207. Battery Replacement date: <u>NOV 2013</u>
				Dated: <u>AUG 01 2008</u>
				<u>John S. Hambleton</u>
				ODARF-511281-CE Piper Aircraft, Inc. Vero Beach, Florida
Total To Carry Forward		10.9		John S. Hambleton

Registration No. N6104M N179BL OCT. 16, 2008

and Remarks	Signature	Certificate No.
The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43. Appendix F.		
1. Make <u>GARMIN</u> Model <u>GTX330</u> S/N <u>84131390</u>		
2. Make <u>NA</u> Model <u>NA</u> S/N <u>NA</u>		
Details of this inspections are on file at this facility under:		
ACFT S/N <u>4692060</u> Date <u>7/3/08</u>		
The Automatic Pressure Altitude Reporting Equipment Test required by FAR Part 91.217 have been performed this date: <u>7/3/08</u>		
<u>John S. Hambleton</u> John S. Hambleton		
ODARF-511281-CE Piper Aircraft, Inc. Vero Beach, Florida		



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
AUG 01 2008	Brought Forward →	10.9		
Total To Carry Forward		10.9		

The stall system computer is adjusted at the factory. Component changes require that the computer settings be checked and adjusted per Piper Process Specification (PPS) 60089-2. The settings for this aircraft are:

Tipgrams +/- 1/2		
STALL WARNING		
POWER	FLAPS	TIP GRAMS ACTUAL SETTINGS
OFF	Full Up 0°	+4.5
OFF	10° - 20°	+1.5
OFF	Full Down 36°	+0.8
ON	Full Up 0°	+2.8
ON	10° - 20°	-0.4
ON	Full Down 36°	-1.1

Signed: *John S. Hambleton*

ODARF-511281-CE

**John S. Hambleton**

PIPER AIRCRAFT, INC.

Registration No. N6104M N179BL DLT. 10.2.2008



September 3, 2008  
Tach / Hobbs 24 7

Piper PA 46R-350T

N 6104M

SN 4692060

Installed LoPresti Hub Cap assemblies with valve stem access door PN LSM-200-700-11 left and right main landing gear in accordance with:

- STC SA01224AT
- LoPresti Master Drawing List. Report No 36 Rev E dated 03/26/2007
- per LoPresti drawing LSM-200-701 Rev D dated 04/28/2008

For further details of this installation see FAA 337 Form Dated 09/02/2008

The aircraft, airframe, aircraft engine, propeller, 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 agency under Work Order No 16945.

Signed 09/03/2008

*James D. Swanson*  
James D. Swanson  
Des Moines Flying Service, Inc., FAA CRS G9CR485J







INTERNATIONAL AIRPORT  
P.O. BOX 35126 DES MOINES, IA 50315-0302  
Telephone (515) 256-5300 FAX (515) 256-5537

November 10, 2008  
Tach / Hobbs 58.3

Piper PA 46R-350T

N 179BL

SN 4692060

Installed LoPresti Boom Beam LSM-500-012 Nose Gear Mounted Light per LSM-500-012 Installation Instructions Rev. F dated 04/11/2007. LoPresti lighting systems approved for this aircraft per LSM-500-025 Approved Model List Rev. L dated 08/26/2008 and STC SA02279AT. The Aircraft weight and balance report in section 6 of the Pilots Operating Handbook and the Aircraft Equipment List was revised to reflect this installation. Attached copy of Instructions for Continued Airworthiness from LSM-500-012 Rev H dated 10/23/2008. Malibu Meridian PA-46-500TP Nose Gear Boom Beam Installation Instructions page 19 in the POH. Post installation checkout and operation were completed satisfactorily. For further details of this installation, see FAA 337 form dated November 10, 2008.

Installed Tanis TAS 100 engine heater system SN 42272 per Tanis Instructions, operational checks were satisfactory.

Weight and balance was computed for this installation as follows.

NEW WEIGHT AND BALANCE DATA

EMPTY WEIGHT	EMPTY WEIGHT CG	MOMENT	USEFUL LOAD
3078.81	135.4517	416859.97	1279.19

The aircraft, airframe, aircraft engine, propeller, 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 agency under Work Order No 17033.

Signed 11/10/2008

James D Swanson

Des Moines Flying Service, Inc.

FAA CRS G9CR485J

Registration No. \_\_\_\_\_

Signature \_\_\_\_\_

Certificate No. \_\_\_\_\_



INTERNATIONAL AIRPORT  
P.O. BOX 35126 DES MOINES, IA 50315-0302  
Telephone (515) 256-5300 FAX (515) 256-5537

02/23/2009  
Hobbs 94.0

Piper N179BL  
Total Time 94.0

S/N 4692060

Removed and replaced the right taxi light assembly with a new Piper PN 87742-003. Ops checked good.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was 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 agency under **Work Order # 17159**.

Date Signed 02/23/2009

James D Swanson

Des Moines Flying Service, Inc. CRS G9CR485J



# AIRCRAFT LOG



INTERNATIONAL AIRPORT  
P.O. BOX 35126 DES MOINES IA 50315-0302  
Telephone (515) 256-5300 FAX (515) 256-5537

Piper PA46R-350T N179BL SN 4692060 Hobbs 121.9 04 May 2009

Complied with Piper SB 2000 dated 9-16-2008 and AD 2009-07-08 dated 05 May 2009 by visual inspection of both current limiters. No defects noted at this time. Current limiters found properly installed. The aircraft, airframe, aircraft engine, propeller, or appliance listed above was 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 agency under Work Order 17224 dated 20 April 2009.

*David Tesser*  
David Tesser  
CRA R48N

Total To  
Carry Forward

Maintenance

and Remarks

Registration No. \_\_\_\_\_

Signature

Certificate No.

Blue Airways Inc.  
Red Wing Regional Airport  
6-28-2009 N179BL Piper PA-46R-350T  
Total Time Airframe 139.2  
Installed new Diode (p/n 84350-011) on master contactor.  
Installed 2 new busman fuses (p/n 461-659) on panel  
Assy-electrical power (COMM section). Ops checked  
Master Contactor (no Defects noted).  
This aircraft is presently approved for return to service.  
Thomas Blue 2798109A&P *Thomas Blue*

Manufactured  
Item  
(P)  
84350-011

DIODE ASSY SB 1034.



**Piper**  
Genuine Piper Part

Date: 06/28/09  
Rev: AA  
Loc: 8641A15L  
Shelf Life: No

Cure Date: \_\_\_\_\_



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9/21/09	Brought Forward →	142.0	142.0	Replaced Nav Light Bulb on R.H. Wing tip. P/N T7512-24. Serviced Elec System and Hydraulic systems, brake and Landing gear. Checked cables and pulleys. Tested EGT per FAI 9/20/07(d). Battery is due 2013. I certify this aircraft was found imported to meet with an AERIAL CERTIFICATION and was determined to be in airworthy condition.
Total To Carry Forward				

Registration No. N179BL

and Remarks

Signature

Certificate No.



INTERNATIONAL AIRPORT  
P.O. BOX 35126 DES MOINES, IA 50315-0302  
Telephone (515) 256-5300 FAX (515) 256-5537

04/08/10  
HOBBS 182 9

N179BL

Piper PA-46R-350T

S/N: 4692060

Complied with Garmin Service Bulletins 0820 dated June 24 2008, 0740 Revision B dated January 23 2008, 0808 Revision B dated June 6 2008, 0818 Revision A dated June 16 2008, 0848 Revision B dated March 20 2009, 0918 Revision A dated August 4 2009 to Resolve Service Alert 0936 Rev B on the #1 GNS 430W P/N 011-01060-40 S/N 23406733 Mod Level 7 & the #2 GNS-430W P/N 011-01060-40 S/N 23406967 Mod Level 7. Software Versions are Main 3.00 GPS 3.0. After updates, current software versions are Main 3.30 GPS 3.2.

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 agency under Work Order No. 28846.

Date 04/08/2010 Signed

Michael A. Nothdorf

Des Moines Flying Service, Inc.

FAA CRS G9CR485J





## AIRCRAFT LOG

[illegible]

INTERNATIONAL AIRPORT  
P.O. BOX 35126 DES MOINES, IA 50315-0302  
Telephone (515) 256-5300 FAX (515) 256-5537

April 4, 2010  
Tach / Hobbs 182.9

Piper PA 46-350T N 179BL  
Total Time 182.9

SN 4692060

## FAA-PMA

This tag certifies that Sky-Tec starter Model 149-NL/ec SN FNE-111016 was produced by Sky-Tec under the authority of FAA PMA No. PQ0852SW Supplement No. 7 per CFR14 Part 21 in accordance with Sky-Tec's FAA-Approved Fabrication Inspection System (CFR14 Part 21 §21.303) and conforms to the relevant FAA-approved drawings. This part has been determined to be airworthy. For installation eligibility see [www.skytecair.com/eligibility.htm](http://www.skytecair.com/eligibility.htm).

Starter installed on **N 179 PL** (Aircraft) by **D. Hintz** (Mechanic)  
**24/08/2010** (Date of Installation) **3042503** (A&P No.)

Form CC1105-1

Registration No. N179BL

[illegible]



# AIRCRAFT LOG

N179BL  
08/11/2010  
HOBBS  
215.5



PIPER

MODEL  
PA46R-350T

SERIAL  
4692060

Maintenance

1. Complied with Piper Service Spares Letter 435 Fuel Quantity Indication System By installing Piper Kit Part Number 88462-005.
2. COMPLETED SB 1208 LIGHTNING DIVERTER STRIP INSP. DATED FEB. 15, 2010.
3. COMPLETED SB 1127 EMERGENCY EXIT INTERIOR PANEL HOOK AND LOOP MODIFICATION. DATED JULY 2, 2010.
4. COMPLETED SB 1211 AFT BULKHEAD SEALING DATED MARCH 2 2010 SB 1211 AFT BULKHEAD SEALING DATED MARCH 2 2010.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was repaired, and inspected in accordance with current regulations of the Federal Aviation Agency and is approve for return to service. Pertinent details of the repair are on file at this agency under Work Order No 17650.

Signed 08/11/2010

*David Hintz*  
David Hintz



Des Moines Flying Service, Inc.,

FAA CRS G9CR485J

To  
Carry forward

Registration No. N179BL

and Remarks

8/20/10 Total Time 220.3  
Complied with SB 601-00004-100 to update MFD to R 8.1  
*Ray Cayer* Cert 2713771

Signature

Certificate No.



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10/12/2010	Brought Forward →	240	240	Serviced L.H. Serviced Hydraulic Pulleys. Performed Function tested Battery is due control hinges I certify that inspected I.S.W was determined condition
Total To Carry Forward				

Registration No N179BL

and Remarks

MAIN start with nitrogen.  
Reservoir. Checked cables and  
Emergency Extension check  
ELT per FAR 91.207(d)  
2013, Lubricated flight  
with LPS. and Rod ends.  
This aircraft has been  
an annual inspection and  
to be in airworthy

*[Signature]* JA301982



# AIRCRAFT LOG

## ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS **N179BL** 715-853-4445 **Pilots Display** P.O. BOX 147

TEST ALT. X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL				20	30	30						80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	0	-5	-5	-5	-5	0	0	0	0	+10	+10	+5	0	0	0	0
FRICTION																
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	55	60	65	70	75	80	85
TOL	130	155	180	205	230	255	280	305	330	355	380	405	430	455	480	505
± FT.	120	100	140	120	140	160	180	200	220	240	260	280	300	320	340	360
ACTUAL	0	+10	+10	+10	0	0	0	0	0	0	0	0	0	0	0	0
FRICTION																

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO **35,000** FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
 ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL **Garmin GTX330 SN 84131390**

The Aircraft and/or component identified hereon was repaired and inspected in accordance with  
 the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for  
 return to service

Date **10/13/10** W.O. **1918** Signed **Frank Kott**

ALTIMETER  
 Make  
 Model  
 S/N **AS Installed**  
 BLIND ENCODER  
 Make  
 Model  
 S/N  
 #2 TRANSPONDER  
 Make  
 Model  
 S/N

Total To  
 Carry Forward

Registration No. **N179BL**

## ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS **N179BL** 715-853-4445 **Standby ALT** P.O. BOX 147

TEST ALT. X 1000 FT.	-1	0	5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL				20	30	30						80				
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	0	-10	-10	-5	-10	-5	-5	-10	+10	-15	-15	+5	0	0	+5	+10
FRICTION																
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	55	60	65	70	75	80	85
TOL	130	155	180	205	230	255	280	305	330	355	380	405	430	455	480	505
± FT.	120	100	140	120	140	160	180	200	220	240	260	280	300	320	340	360
ACTUAL	+10	+20	+30	+20	+20	+20	+20	+20	+20	+20	+20	+20	+20	+20	+20	+20
FRICTION																

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO **35,000** FT.  
 CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
 PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
 ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL **See Pilots cert SN**

The Aircraft and/or component identified hereon was repaired and inspected in accordance with  
 the current maintenance rules of the Federal Aviation Regulations, and is airworthy and approved for  
 return to service

Date **10/13/10** W.O. **1918** Signed **Frank Kott**

ALTIMETER  
 Make  
 Model  
 S/N **AS Installed**  
 BLIND ENCODER  
 Make  
 Model  
 S/N  
 #2 TRANSPONDER  
 Make  
 Model  
 S/N



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11/7/2011	Brought Forward →	357.7	357.7	C/W A.I.D. 2011-06-10 P/N 686-216. C/W A.I.D Liner and Plamps 91-207 (d) Battery system and Landing gear. and I certify this an annual inspection airworthy condition
Total To Carry Forward				

Registration No. 179BL

and Remarks

by Installation of New TIT probe  
2008-14-07 by Inspection of Fuel  
Function tested ELT per FAR  
is due 11/2013. Sourced Electrical  
Hydraulic system. Lubricated  
performed Retraction and Extension  
aircraft has been inspected I.A.W.  
and was determined to be in

*[Signature]* FA 3019825



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
2/13/2012	Brought Forward →	390.3	390.3	Installed New 600x6 BPIs tires.

## ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

N179BL

715-853-4445

Pilots Display

P.O. BOX 147  
Caroline, WI 54928

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL																
+ FT	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
FRICION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	55	60	65	70	75	80	85
TOL	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
+ FT	120	100	140	120	140	160	180	255	250	250	250	250	250	250	250	250
ACTUAL	0	10	15	15	0	0	0	0	0	0	0	0	0	0	0	0
FRICION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL Garmin GTX330 SN 84131390

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date 11/5/12 WO 2684 Signed Frank Kostley

Make	Model	S/N
Model	S/N	Model
S/N	Model	S/N
Model	S/N	Model
S/N	Model	S/N

Registration No. N179BL

and Remarks

Main tires and tubes with Michelin  
Renacked Wheel Bearings.

Signature

Certificate No.

3019825

## ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

N179BL

715-853-4445

STANDBY ALT

P.O. BOX 147  
Caroline, WI 54928

TEST ALT. X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL																
+ FT	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0
FRICION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEST ALT. X 1000 FT.	18	20	22	25	30	35	40	45	50	55	60	65	70	75	80	85
TOL	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130	130
+ FT	120	100	140	120	140	160	180	255	250	250	250	250	250	250	250	250
ACTUAL	0	10	15	15	0	0	0	0	0	0	0	0	0	0	0	0
FRICION	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL See Pilots cert SN

The Aircraft and/or component identified hereon was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for return to service.

Date 11/5/12 WO 2684 Signed Frank Kostley

Make	Model	S/N
Model	S/N	Model
S/N	Model	S/N
Model	S/N	Model
S/N	Model	S/N



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
11/7/2012	Brought Forward →	483.	483	C/W AID 84-26-02 Air filter PIN due again @ 983. of Fuel Injector Wheel tire and inner linings PN RA 66-62. Installed New system voltage Reg. gear. Tested & IT per
Total To Carry Forward				

Registration No. N179BL

and Remarks	Signature	Certificate No.
by Installation of new Dondalton P15-1936. Replacement is C/W AID 2011-26-04 by Inspection Line, and Clamps. Replaced Nose tube. Replaced Left Brake Serviced Hydraulic System Aircraft system Battery. Adjusted Lubed controls and Serviced Landing FAR 91.207(d) Battery is due 11/2013 Possibly this aircraft has been inspected for FAR 91.207(d) OR ANNUAL INSPECTION and found to be in airworthy condition.		
	<i>Steve Smith</i>	IA3019821



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/12/2013	Brought Forward →	569	569	CLW A.D. 2013-13-1 CLW S.B. 1243A Pump has Rev C2. and new Brake Inspected wheel CLW A.D. 2011-26-04 Serviced Hydraulic Installed New FAR 91.207 (d). Battery due 11/2020
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
by inspection of fuel vent valve by inspection of Hydraulic Installed New Main fire Linnings P/N RA 66-62. Bearings and Rims halves. by Inspection of Fuel Lines and Electrical Systems. ELT Battery and tested per ACR 91.207 (d) has been inspected and found to be in satisfactory condition. Signature: [Signature] IA301825 Inspected by: [Signature]		

ACR ELECTRONICS, Inc.  
Artex Products - CAGE Code 18560  
Fort Lauderdale, FL 33312

LOG BOOK ENTRY

E.L.T. BATTERY  
REPLACEMENT DATE

Nov/2020



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/24/13	Brought Forward →	571	571	Installed New
8/25/14		600.	600	Replaced fuel sender
				OUTBD only on Right
				System
1/2/2015		609	609	C/W AID 2011-06-10
				C/W AID 2011-26-04
				Serviced Electrical
				hinges. Checked pulleys
				Battery is due 4/2020
Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
Concorde Battery P/N RG-24-11M	<i>[Signature]</i>	3019825
units on INB. Out Bd. Left tank		
tank. ReCalibrated fuel Quantity		
	<i>[Signature]</i>	3019825
by Installation of new probe P/N 686-216 due again		TT 859
by Inspection of Lines and Clamps due again		TT 709
System and Hydraulic system Lubricated control		
and cables Function tested FELT per EAK 91. 20761		
<p>I hereby certify this aircraft has been inspected in accordance with the applicable FARs and is determined to be in satisfactory condition.</p>		
<i>[Signature]</i>	IA	3019825
12/24/13 Insp. Auth. time		



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

## ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

715-853-4445

N179BL

Pilots Display

P.O. BOX 147  
Caroline, WI 54928

TEST ALT X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL				20	30	30						80	90	100	90	110
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRICTION																
TEST ALT X 1000 FT.	18	20	22	25	30	35	40	45	50	50	50	50	50	50	50	50
TOL	130	155	180	205	230	255	280	305	330	355	380	405	430	455	480	505
± FT.	120	100	140	120	140	160	180	200	220	240	260	280	300	320	340	360
ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRICTION																

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL Garmin GTX330 SN 84131390

The Aircraft and/or component identified hereon was repaired and inspected in accordance with  
the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for  
return to service

Date 1/2/15 WO 3479

Signed Frank Kottig

Total To  
Carry Forward

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.

## ALTIMETER, STATIC AND TRANSPONDER CERTIFICATE

PLANE SENSE AVIONICS  
FAA CRS 13PR698Y

715-853-4445

N179BL

Standby AT.

P.O. BOX 147  
Caroline, WI 54928

TEST ALT X 1000 FT.	-1	0	.5	1	1.5	2	3	4	5	6	8	10	12	14	15	16
TOL				20	30	30						80	90	100	90	110
± FT.	20	20	20	70	25	70	70	35	70	40	60	80	90	100	90	110
ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRICTION																
TEST ALT X 1000 FT.	18	20	22	25	30	35	40	45	50	50	50	50	50	50	50	50
TOL	130	155	180	205	230	255	280	305	330	355	380	405	430	455	480	505
± FT.	120	100	140	120	140	160	180	200	220	240	260	280	300	320	340	360
ACTUAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRICTION																

CERTIFIED ALTIMETER, ENCODER PER FAR 43 APP. E. TO 35,000 FT.  
CERTIFIED AIRCRAFT STATIC SYSTEMS PER FAR 43 APP E  
PERFORMED TRANSPONDER TEST REQUIRED BY FAR 91.413 (a) (c) AND 91.217 (b) IN  
ACCORDANCE WITH FAR 43 APP. F.

TRANSPONDER MODEL See Pilots cert SN N/A

The Aircraft and/or component identified hereon was repaired and inspected in accordance with  
the current maintenance rules of the Federal Aviation Regulations and is airworthy and approved for  
return to service

Date 1/2/15 WO 3479

Signed Frank Kottig



Alt 179BL W.O. # 1747 H.M. 703.0

FAR 91.411  
PILOTS S/N \_\_\_\_\_ **SBY** COPILOTS S/N \_\_\_\_\_

RECEIVED BY MAIL 9/1/16  
#1 MOD. GTX-330 S/N 84131390 #2 MOD S/N  
SIGNATURE Bobby Faulkner DATE 1/27/16

APPROVED FOR RETURN TO SERVICE

Total To  
Carry Forward

Registration No. \_\_\_\_\_

Signature

Certificate No.

N719BL

and Remarks

3/1/2016  
Tach time 703.0


3/17/2015  
Tach time 703.0  
C/W annual inspection IAW Piper checklist. Inspected airframe with no defects noted. Lubed flight controls. Removed and replaced left wing tip. Removed and replaced left wing deice boot. Installed P/N 01-0771733-11 and 01-0771733-12 Led wing tip lights IAW with Whelen installation instructions. Removed oxygen bottle and sent to aerospace turbine rotables for hydro static testing WO 83802. Reinstalled and customer will take to another shop for servicing. Replaced fire exh with like size and shape. Replaced nose landing gear actuator hoses. Deice boots ops checked with no defects noted. C/W current Ads using TDATA.

I certify this aircraft has been inspected IAW annual inspection and was determined to be airworthy and return to service.

Jonathan Siemens A&P IA 3288274



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
4-4-17				
<p>Tach time 815.6</p> <p style="text-align: right;">N719BL</p> <p>C/W annual inspection IAW Piper checklist. Inspected airframe with no defects noted. Lubed flight controls. Removed, inspected, greased, and reinstalled wheel bearings. Replaced brake pads on left and right gear. Removed and Replaced Right main gear actuator P/N 106877-002RBL S/N FAH1799 IAW piper maint manual serviced hydraulic system and bleed actuator. Performed landing gear swings with no defects noted. Removed and replaced Right out board fuel sending unit and recalibrated tanks IAW SL 435. Preformed ELT Tests with no defects noted. C/W current Ads using TDATA.</p> <p>I certify this aircraft has been inspected IAW annual inspection and was determined to be airworthy and return to service.</p> <p style="text-align: right;">             Jonathan Siemens, A&amp;P IA 3288274         </p>				
Carry Forward				



**JD'S PLANE REPAIR, LLC**  
 12106 FM 400, SLATON, TX 79364  
 HANGER #10  
 PH: 432-788-7137  
 WWW.JDPLANEREPAIR.COM

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.
<p>5-16-17</p> <p>Tach time 855.9</p> <p>Removed and replaced Standby attitude indicator battery installed P/N 9015607 S/N D17-11774 Date of manufacture 04-17.</p> <p>Ops check with no defects noted.</p> <p>I certify this aircraft to be airworthy and return to service.</p> <p style="text-align: right;">             Jonathan Siemens, A&amp;P IA 3288274         </p>		N719BL



**JD'S PLANE REPAIR, LLC**  
 12106 FM 400, SLATON, TX 79364  
 HANGER #10  
 PH: 432-788-7137  
 WWW.JDPLANEREPAIR.COM



# AIRCRAFT LOG

Date

Aircraft Time

Recorder  
Reading

Maintenance



**JD'S PLANE REPAIR, LLC**

12106 FM 400, SLATON, TX 79364

HANGER #10

PH: 432-788-7137

**WWW.JOPLANEREPAIR.COM**

3-21-18

Tach time 970.0

N719BL

TT 970.0

C/W annual inspection IAW Piper checklist. Inspected airframe with no defects noted. Lubed flight controls. Removed, inspected, greased, and reinstalled wheel bearings. Replaced left main gear tire and tube. Replaced seals in left and right main gear struts and serviced with nitrogen. Performed landing gear swings with no defects noted. Removed and replaced Left wing fuel sending units P/N 601-645 and 601-647. Recalibrated tanks IAW SL 435. Removed and replaced aircraft battery P/N RG-24-1104. Replaced Vacuum pump filters P/N D9-18-1. Performed ELT Tests with no defects noted. ELT battery Due nov 2020. C/W current Ads using TDATA.

I certify this aircraft has been inspected IAW annual inspection and was determined to be airworthy and return to service.

Jonathan Siemens, A&P IA 3288274

Registration No.

and Remarks

Signature

Certificate No.

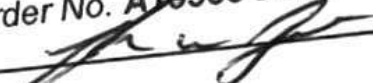
**LUBBOCK AERO**

6304 N. Cedar Ave, Lubbock, TX 79403 Phone: 806-47-5101 Fax: 806-67-8000

Date: 03-21-18 N-179BL, Make: PIPER, Model: PA46R-350T  
S/N: 4692060, HOBBS: 970.0



I certify that the altimeter and static system tests required by 14 CFR part 91, & 91.411 and transponder test, including data correspondence, required by & 91.413, have been performed and found to comply with 14 CFR part 43, Appendices E and F.

Pilot ADC: Avidyne PFD S/N M082004288  
Standby Altimeter: United S/N 469268  
Transponder Model GTX330 S/N 84131390  
The system was tested to 20,000 feet.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details are on file at this repair station under Work Order No. A18353 Date 03/21/2018  
Signed  (CRS#4B0R190D)



# AIRCRAFT LOG

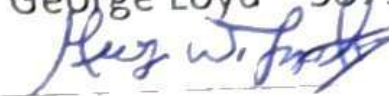
Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p><b>JD'S PLANE REPAIR, LLC</b>            12106 FM 400, SLATON, TX 79364            HANGER #10            PH: 432-788-7137  <b>WWW.JDPLANEREPAIR.COM</b></p> </div> <div style="text-align: right;"> <p>N719BL TT 1021.4</p> </div> </div> <p><b>12-6-18</b>  <b>Tach time 1021.4</b>  <b>C/W annual inspection IAW Piper checklist. Inspected airframe with no defects noted. Lubed flight controls. Removed, inspected, greased, and reinstalled wheel bearings. Removed and replaced left and right main gear brake disc and pads installed Black steel rotors and pads. Performed landing gear swings with no defects noted. Trouble shoot intermittent fuel sending unit readings and removed and reinstalled fuel sending units in Right wing. Recalibrated fuel tanks IAW SL 435. Preformed ELT Tests with no defects noted. ELT battery Due nov 2020. Removed engine due to engine failure and installed new engine from Lycoming TIO-540-AE2A S/N RL-11235-61A. Engine came complete with new exhaust, turbos, waste gate, blow off valve, density alt controller, new mags, new alternators, and associated hardware. Installed overhauled Prop governor P/N V-11-1 S/n A1765J. Sent oil cooler P/N201100A-SV S/N D08-6603-4 to pacific oil cooler for overhaul. Replaced all Fluid carrying lines firewall forward. Replaced upper and lower vacuum pumps P/N 441CC-17 S/N 179309 and P/N 442CW-6 S/N 02XT09. Installed new vacuum pump hoses firewall forward. C/W current Ads using TDATA.</b>  <b>I certify this aircraft has been inspected IAW annual inspection and was determined to be airworthy and return to service.</b></p> <div style="text-align: right; margin-top: 20px;">   <b>Jonathan Siemens, A&amp;P IA 3288274</b> </div>				
<div style="display: flex; justify-content: space-between;"> <div> <p>Carry Forward</p> </div> <div style="width: 100px; height: 20px; background-color: #cccccc;"></div> </div>				

Registration No. \_\_\_\_\_

and

**Piper PA-46R-350T N179BL April 8, 2019.** Hobbs and Total 1,034.0. Replaced the two Fuel Sender's in the Right Hand Wing with new, in accordance with Piper Aircraft SL 490A and SL 1159B by removing both fuel senders and replacing them with new P/N' 601-655 (Inboard) and 601-656 (Outboard). Tested and leak checked. Verified gauge accuracy, no adjustments required. Aircraft is returned to service.

George Loyd 3875652 A&P



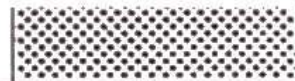


# AIRCRAFT LOG

Do

**N179BL November 6, 2019** Piper PA-46R-350T Hobbs: 1,043.3 **Total Time: 1,043.3.** Engine Time SFREM: 21.9 Disassembled aircraft as needed to inspect the aircraft in accordance with the inspection checklist found (P/N 767-011 Nov 30, 2017) in the Piper PA-46R-350T maintenance manual. Researched AD's through 2019-22. Complied with AD 2015-19-17 by visual inspection Due no later than 1,153.3 or if injectors or their lines are moved. Inspected & functionally tested ELT per action notice 8150.3. **ELT Battery Due April 2021.** Inspected all controls. Inspected Lights, electrical, ice and rain protection. **Performed Special Inspections in 5-30-00,** including Lycoming SB 521 & 531C. Piper SB 1243C- Previously complied with (PCW). Reviewed Piper SB 1103F & 1293C, no damage to motor mount found. Evidence of previous dye penetrant was apparent, no further action at this time. SB 1250A – PCW; 1290 B & 1306 Inspected flap brackets & wing ribs, no discrepancies found; SB 1288 – Vertical Fin – Removed hardware, inspected and measured, no damage found, then reinstalled hardware utilizing (6) MS21042-6 nuts, torqued and placed slippage paint as appropriate. *CAS*  
(Continued on following page)

Total To  
Carry Forward



Registration No.

Signature

Certificate No.


and Remarks

]Aircraft Lubrication schedule completed per service manual as needed. Inspected fuel selector and cleaned / inspected the fuel screen. Replaced all wheel bearings. Replaced nosewheel tire and tube with new. **Oxygen Bottle Inspection due no later than November 2021.** Adjusted Aileron cable tensions. Inspected all flight and engine controls, including Flap Tracks. Ground run checks completed. I certify that this aircraft has been inspected in accordance with an annual inspection and has been found to be in an airworthy condition.

*Charles A. Kemper*  
Charles A. Kemper  
3470895 IA



[illegible]

Signature  CRS# ECWR470D  
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought →			

Date: 8/13/2020

Hobbs: 1115.3

WO#: A003751

Sun Aviation, Inc.  
Avionics  
Aircraft Log

A/C Reg#: N179BL

A/C Serial#: 4692060

A/C Model: PA46-350T

- Removed Avidyne EXP5000 p/n 700-00006-003 s/n M082004288 for repair. Installed REPAIRED Avidyne EXP5000 s/n M082004288. Performed ground checks and Mag Cal without discrepancy.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature:  FAA CRS ECWD470D

Sun Aviation, Inc. Vero Beach, FL. 32960 (772) 562-9257

Total To  
Carry Forward

Registration No.

and Remarks

Signature


Certificate No.

SUN AVIATION, INC., Vero Beach, FL (VRB)  
Date: 09/23/20  
Hobbs: 1121.3

Airframe Log  
PA46R-350T

N 179BL  
S/N: 4692060

Replaced both MLG tires with Michelin Air 600X6 8 ply per Piper PA46R-350T MM 32-40-00  
**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S004393

Signature:  CRS# ECWR470D  
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257



# AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Date: 12/8/2020  
Hobbs: 1160.0  
WO#: A003816

Sun Aviation, Inc.  
Avionics  
Aircraft Log

A/C Reg#: N179BL  
A/C Serial#: 4692060  
A/C Model: PA46-350T


The Following Altimeter(s), Altitude Encoder, and Static Pressure System(s) have been inspected IAW FAR 91.411 and conform to FAR PT 43, Appendix E, to 30,000 FT.

#1 ADC Model: EXP5000 S/N: M082004288  
Stby Alt Model: 5934PD-1 S/N: 463268

The following transponder(s) have been inspected IAW FAR 91.413 and conform to FAR PT 43, Appendix F

#1 XPDR Model: GTX330ES S/N: 84131390

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature:  FAA CRS ECWD470D  
Sun Aviation, Inc. Vero Beach, FL. 32960 (772) 562-9257


Total To Carry Forward				

SUN AVIATION, INC. Vero Beach, FL VRB  
Date: 10/08/21 AIRFRAME LOG  
Hobbs: 1230.3 PA46R-350T

N179BL  
SN: 4692060

Adjusted vacuum regulator per PA46R-350T MM 37-10-00.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S004792

Signature:  CRS # ECWR470D  
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

**steering components inspection and adjustment.** Replaced "O" rings, backup ring and wiper in nose strut, installed P/N 187-630, 485-049, MS28775-327 and MS28775-229 and serviced with hydraulic fluid and nitrogen. Replaced barrel nut right front baffle, installed P/N 65614 per Piper MM 71-00-00. Repaired cabin door seal per Piper PA46R-350T MM 52-10-00. Replaced diverter strip on left side of vertical fin fairing, installed P/N LDS10-01-64-1-OV-01-W-24.1 per Piper PA46R-350T MM 52-10-00. Serviced AC system with R134 freon. Serviced oxygen bottle per Piper PA46R-350T MM. Accomplished ACR ARTEX Advisory Notice #001 by replacing the tray, installed P/N 8303 SN 385415-012. Adjusted elevator cable tensions per Piper PA46R-350T MM 27-00-00. Adjusted elevator trim cable tensions per Piper PA46R-350T MM 27-00-00. Adjusted rudder cable tension per Piper PA46R-350T MM 27-00-00. Adjusted aileron cable tensions per MM 27-00-00. Replaced left and right MLG seals, installed P/N 485-082 per MM 32-10-00. **Replaced rivets on left and right lower wing to fuselage fairings per Piper SB796B.** Removed left main gear actuator and sent to Arizona Aircraft Accessories for testing, installed P/N 102551-003 SN FAH1233 per Piper PA46R-350T MM 32-30-00. **Replaced right and left LoPresti hub caps installed**




SUN AVIATION, INC. Vero Beach, FL VRB  
Date: 03/10/22 AIRFRAME LOG  
Hobbs: 1236.0 PA46R-350T  
ACTT: 1236.0

N179BL  
SN: 4692060

Accomplished an Annual airframe inspection IAW FAR 43, appendix "D" using the Piper PA46R-350T 100 hour inspection checklist as a guide. Accomplished FAR 91.207, Para C and D, ELT shock test, replaced ELT battery installed P/N 455-0012, battery next due 03/2029. Verified FAR 91.411 and 91.413, ALT/TRSP Static check next due 12/2022. CW Fire Extinguisher weight check per Piper SB1280A H3R fire extinguisher inspection, Accomplished Piper SL1135 control cable/pulley inspection. Accomplished Piper SL1131A aileron sector bearing lubrication. Accomplished Piper SL1183 elevator plate assembly rivet inspection per piper SL1183. Accomplished Piper SL1202 main landing gear actuator hydraulic hose replacement/inspection. Accomplished Piper SB1327 aileron control cable protection tube inspection. Accomplished Piper SL1280 rudder pedal and bar assembly inspection and lubrication. Accomplish Piper SL1285 proper tire pressure maintenance. Accomplished Piper 1286D nose landing gear steering components inspection and adjustment. Accomplished Piper SL1297 rudder tube assembly inspection. Accomplish 5 year hydro test and regulator overhaul by sending to Aerox Aviation Oxygen Systems, installed overhauled regulator P/N 4110-140-1 SN 12055 and inspected new oxygen bottle P/N 1274026 SN ALT279-34730 per PA46R-350T MM 35-20-00. Replaced left and right brake caliper "O" rings per PA46R-350T MM 32-40-00. Replaced landing light lens, installed P/N LSM-500-335-15 per PA46R-350T MM 33-40-00. Replaced right and left over wing refuel placards, installed P/N 656-239 per PA46R-350T MM 11-20-00. Replaced left and right brake shims, installed P/N 068-01100 per PA46R-350T MM 32-40-00. Accomplished 1 year speed brake inspection and lubrication per PA46R-350T MM 27-60-00. Defueled aircraft and made repairs, performed a fuel calibration per PA46R-350T MM 28-40-00. Repaired broken wire connection to left wing inboard sender per PA46R-350T MM 91-28-40. Removed 4 fuel senders and installed left inboard P/N 106755-808L SN 0260, Left outboard P/N 106756-808 SN 0266, right inboard P/N 106757-808 SN 0304 and SL1159B right outboard P/N 106758-808 SN 8101 per PA46R-350T MM 28-40-00 and Piper. Charged main battery per CA-1550-CML.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S004862 A.D.'s researched through Rev. 2022.04

Signature  CRS # ECWR470D  
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257


Date: 1/24/2022  
Hobbs: 1236.0  
WO#: A004030

Sun Aviation, Inc.  
Avionics  
Aircraft Log

A/C Reg#: N179BL  
A/C Serial#: 4692060  
A/C Model: PA46-350T

- Removed Avidyne EX5000 MFD p/n 700-00030-805 s/n 98224451. Installed REPAIRED EX5000 MFD s/n 98224451. Performed ground checks without discrepancy. REF: Piper PA46-350T MM #761-876.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature:  FAA CRS ECWD470D  
Sun Aviation, Inc. Vero Beach, FL 32960 (772) 562-9257

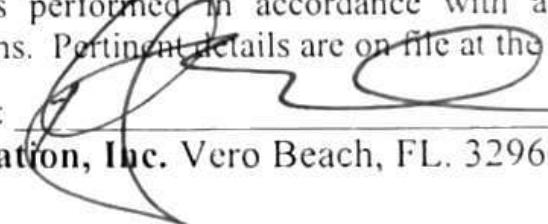
Date: 3/24/2022  
Hobbs: 1237.2  
WO#: A004118

Sun Aviation, Inc.  
Avionics  
Aircraft Log

A/C Reg#: N179BL  
A/C Serial#: 4692060  
A/C Model: PA46-350T

- Adjusted Pitch Bridle Cable Tension from 13 lbs. to 27.9 lbs. Performed ground checks without discrepancy. REF: Piper PA46-350T MM 761-876

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature:  FAA CRS ECWD470D  
Sun Aviation, Inc. Vero Beach, FL 32960 (772) 562-9257



SUN AVIATION, INC. Vero Beach, FL VRB  
Date: 12/27/2022 AIRFRAME LOG  
Hobbs: 1306.1 PA46R-350T

N179BL  
SN: 4692060

Replaced cabin fwd door cable PN: 46F53V001-001 using IAW Piper PA46R-350T MM, Chapter 52-10-00.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005264

Signature  CRS # ECWR470D  
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks

Date: 2/07/2023  
Hobbs: 1317.9  
WO#: A004317

Sun Aviation, Inc.  
Avionics  
Aircraft Log


A/C Reg#: N179BL  
A/C Serial#: 4692060  
A/C Model: PA46R-350T

The Following Altimeter(s), Altitude Encoder, and Static Pressure System(s) have been inspected IAW FAR 91.411 and conform to FAR PT 43, Appendix E, to 30,000 FT.

Pilot ADC Model: EXP 5000 S/N: M082004288  
Pilot Stby Altimeter: 5934PAD-3 S/N: 469268

The following transponder(s) have been inspected IAW FAR 91.413 and conform to FAR PT 43, Appendix F  
#1 XPDR Model: GTX330 S/N: 84131390

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature:  FAA CRS ECWD470D  
Sun Aviation, Inc Vero Beach, FL. 32960 (772) 562-9257




Date	Aircraft Time	Recorder	
------	---------------	----------	--

AIRFRAME LOG  
PA46R-350T

N179BL  
SN: 4692060

Accomplished an annual airframe inspection IAW FAR 43, appendix "D" using the Piper PA46R-350T 100 hour inspection checklist as a guide. Accomplished FAR 91.207, Para C and D, ELT shock test. Battery next due 03/2029. Verified FAR 91.411 and 91.413, ALT/TRSP Static check next due 02/2025. C/W Fire Extinguisher weight check per Piper SB1280A H3R fire extinguisher inspection, Accomplished Piper SL1135 control cable/pulley inspection. Accomplished Piper SL1131A aileron sector bearing lubrication. Accomplished Piper SL1183 elevator plate assembly rivet inspection per piper SL1183. Accomplished Piper SB1327 aileron control cable protection tube inspection. Accomplished Piper SL1285 proper tire pressure maintenance. Accomplished Piper 1286D nose landing gear steering components inspection and adjustment. Serviced O2 system. Removed, cleaned, resealed and serviced R&L MLG struts with PN: 485-082 using MM 32-10-00 and 12-00-00. Replaced L&R brake caliper shims PN: 068-01100. Removed, cleaned, resealed sequence valve using 29-10-00. **Cleaned pneumatic deice control valves using Piper SB803A.** Removed, cleaned and resealed R&L brake calipers using 32-00-00. Replaced fuse in FWD baggage compartment PN: GMW5. Replaced guide pin in upper door handle with PN:84858-003 using 52-10-00. Removed left AFT facing seat using MM 25-20-00. Updated weight and balance in POH.

weight and balance in POH.  
**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005307. A.D.'s researched through Rev. 2023.07.

Signature B. Lee CRS # ECWR470D  
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC. Vero Beach, FL VRB

Date: 08/05/2023  
Hobbs: 1396.1

AIRFRAME LOG  
PA46R-350T

N179BL  
SN: 4692060

Hobbs: 1396.1

Hobbs: 1396.1  
Recovered Freon from A/C system. Removed interior from Aircraft. Drilled out rivets and removed flooring from left side of aircraft and removed discharge hose from firewall to rear bulkhead. Installed new improve hose and new drier from FWD bulkhead to rear bulkhead and installed new fittings. Removed discharge hose from rear bulkhead to condenser and installed new hose. Reinstalled floor on left side of condenser and installed new hose. Reinstalled floor on left side of Aircraft and riveted in place. Vacuum A/C System and recharged & reinstalled interior. All work done IAW piper PA 46R-350T MM Chapter 21-50-00. Performed ground run with no discrepancies.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005453.

Signature [Signature] CRS # ECWR470D  
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257




# AIRCRAFT LOG

SUN AVIATION, INC. Vero Beach, FL VRB

Date: 08/18/2023

Hobbs: 1403.8

AIRFRAME LOG

PA46R-350T

N179BL

SN: 4692060

Inspected & tested parking brake with no problem found. Recovered Freon and removed hose from drier to evaporator that was plugged. Removed expansion valves and cleaned valves and hoses from debris. Installed new drier and reinstalled hoses and expansion valves. Vacuumed system and recharged with R134 Freon. Ground ran and found copilot side not acceptable. Recovered Freon, removed left and right expansion valves and installed new expansion valves PN:765-216. Vacuumed system and recharged with 2.5lbs R134 Freon. Ground run good. All work done IAW Piper PA46R-350T MM Chapter 21-50-00.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005490.

Signature  CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC. Vero Beach, FL VRB

Date: 09/05/2023

Hobbs: 1407.9

AIRFRAME LOG

PA46R-350T

N179BL

SN: 4692060

Removed and replaced main battery PN:G243, SN:G3201518 using Piper PA46R-350T MM 24-30-00. Serviced New Gill G-243 Battery using gill Installation Instructions.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005498.

Signature  CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Registration No. \_\_\_\_\_

cate No. \_\_\_\_\_

SUN AVIATION, INC. Vero Beach, FL VRB

Date: 09/28/2023

Hobbs: 1415.9

AIRFRAME LOG

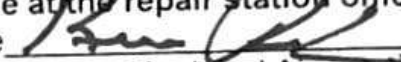
PA46R-350T

N179BL

SN: 4692060

Recovered Freon and removed compressor discharge hose. Installed new discharge hose PN: 566-643 and flushed complete AC system. Installed new drier and 2 new expansion valves PN 765-216 Vacuumed AC System and recharged with R134A Freon. Ground ran and checked AC System, not cold and pressures not adequate. Recovered Freon and removed AC Compressor. Check cooling system oil level and installed new ac compressor PN: 557-802. Vacuumed AC System ad recharged with R-134A Freon. Performed ground run to test AC blowing cold. All work done in accordance with Piper PA46R-350T MM Chapter 21-50-00.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005509.

Signature  CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC. Vero Beach, FL VRB

Date: 10/19/2023

Hobbs: 1441.5

AIRFRAME LOG


PA46R-350T

N179BL

SN: 4692060

Removed #2 Vacuum pump and installed Overhauled vacuum pump PN: 442CW-6, SN: 2794 from Holly Aero, Inc. IAW Piper PA46R-350T MM Chapter 37-10-00. Ground ran with no discrepancies.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005538.

Signature  CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257



# AIRCRAFT LOG

SUN AVIATION, INC. Vero Beach, FL VRB

Date: 12/08/2023

Hobbs: 1462.7

AIRFRAME LOG

PA46R-350T

N179BL

SN: 4692060

Serviced nose and main tires per service instruction placards on gear.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005590.

Signature [Signature] CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC. Vero Beach, FL VRB

Date: 01/03/2024

Hobbs: 1479.2

AIRFRAME LOG

PA46R-350T

N179BL

SN: 4692060

Found brake linings and both discs worn out. As well as both spacers deteriorated removed linings, discs and spacers. Installed new linings PN: 066-06200, discs PN: 164-21600 and spacers PN: 068-01100 per PA46R-350T AMM 32-40-00. Jacked A/C removed wheels. Removed old tires. Installed 2 new tires PN: 606C86-6, lowered A/C, work done per PA46R-350T AMM 32-40-00.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005600.

Signature [Signature] CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Registration No. \_\_\_\_\_

and Remarks

Signature

Certificate No.

SUN AVIATION, INC. Vero Beach, FL VRB

Date: 01/18/2024

Hobbs: 1497.2

AIRFRAME LOG

PA46R-350T

N179BL

SN: 4692060

Replaced AFT cabin door cable PN: 46F53V001-001 using Piper PA-46-350T MM 52-10-00 as a guide.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005617.


Signature [Signature] CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257



AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

SUN AVIATION, INC. Vero Beach, FL VRB  
Date: 08/12/2024      AIRFRAME LOG      N179BL  
Hobbs: 1573.8      PA46R-350T      SN: 4692060  
ACTT: 1573.8  
Replaced Emergency exit door seal, Part NO. 82654-800, 686-045 using Piper PA46R-350T MM 52-20-00.  
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005801.  
Signature  CRS # ECWR470D  
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Total To Carry Forward				

Registration No. \_\_\_\_\_

and Remarks	Signature	Certificate No.

SUN AVIATION, INC. Vero Beach, FL VRB  
Date: 09/20/2024      AIRFRAME LOG      N179BL  
Hobbs: 1583.8      PA46R-350T      SN: 4692060  
ACTT: 1583.8  
Removed and reinstalled Cowling. Repaired broken wire to the compressor per PA46R-350T AMM 21-50-00.  
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005833  
Signature  CRS # ECWR470D  
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257




# AIRCRAFT LOG

SUN AVIATION, INC. Vero Beach, FL VRB

Date: 02/25/2025

Hobbs: 1636.4

ACTT: 1636.4

AIRFRAME LOG

PA46R-350T

N179BL

SN: 4692060

Removed left brake caliper, disassembled cleaned and reconditioned caliper pucks and bore. Reassembled with new O ring all IAW PA46R-350T MM Chapter 32-40-00 and bled brakes.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO #S005965

Signature  CRS # ECWR470D  
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Total To Carry Forward				

Registration No. \_\_\_\_\_

SUN AVIATION, INC. Vero Beach, FL VRB

Date: 05/13/2025

Hobbs: 1665.7

ACTT: 1665.7

AIRFRAME LOG

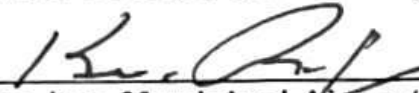
PA46R-350T

N179BL

SN: 4692060

Accomplished an annual airframe inspection IAW FAR 43, appendix "D" using the Piper PA46R-350T 100-hour inspection checklist as a guide. Accomplished FAR 91.207, Para C and D, ELT shock test. Battery next due 03/2029. Verified FAR 91.411 and 91.413, ALT/TRSP Static check next due 05/2027. C/W Fire Extinguisher weight check per Piper SB1280A H3R fire extinguisher inspection. Accomplished Piper SL1135 control cable/pulley inspection. Accomplished Piper SL1131A aileron sector bearing lubrication. Accomplished Piper SL1183 elevator plate assembly rivet inspection per piper SL1183. Accomplished Piper SB1293C engine mount doubler inspection/ installation and towing placard replacement. Accomplished Piper SL1202 inspection main landing gear actuator hydraulic hose replacement. Accomplished Piper SL1285C proper tire pressure maintenance. Accomplished Piper SL1286D nose landing gear steering components inspection. Accomplished SB1404 flap drive bracket inspection. Accomplished SB1392 frame assembly inspection, fuselage station 282.00. Adjusted parking brake cable per PA46R-350T AMM 32-40-00. Removed and replaced both wing speed brake decals as required. Polished both wing, LH/RH taxi light lenses as required. Adjusted locking spring for cabin AFT left seat back rest. **Accomplished 1 year speed brake inspection/ lube per PA46R-350T, MM 34-20-00.** Replaced nose tire with new tire, PN.505C66-5 per PA46R-350T AMM 32-40-00. Balanced and serviced tire as required. Replaced LH brake pads with new pads, PN.068-01100 per PA46R-350T 32-40-00. Replaced tail strobe light and assy serviceable Assy. OP's checked normal per PA46R-350T AMM 33-00-00. PN.01-0770786-00.

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Signature  CRS # ECWR470D  
Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257



Total T  
Copy 1

Signature:  
Sun Aviation

Pertinent details  
work was performed  
in accordance with  
MAINTENANCE

Ren  
239  
350

The following

The Following /  
conform to FAF

WO#:

Hobbs:

Date:

SUN AVIATION INC.  
Altitude/Air Data Computer tests and inspection form

WO # A004856  
Make: Avdyne  
Position: Pilot ADC  
Date: 05/14/2025  
Model: EXP5000  
S/N: M082004288  
Tail #: N179BL  
ALT at start (Baro 29.92) -80

Scale Error		Friction	
Test	Altitude Ft.	UT Reading Ft.	UT Reading +/- Ft.
-1000	-990	20	20
0	10	20	20
500	510	20	20
1000	1010	25	25
1500	1510	30	30
2000	2005	30	30
3000	3005	35	35
4000	4005	70	70
5000	5000		
6000	6005	40	40
8000	8005	60	60
10000	10005	80	80
12000	12005	90	90
14000	14005	100	100
15000			
16000	16010	110	110
18000	18010	120	120
20000	20010	130	130
22000	22010	140	140
25000	25010	155	155
30000	NA	180	180
35000	NA	205	205

Baro Scale Error (TOL +/- .25Fl.)	
Baro setting (inch of Hg)	Equival difference Fl.
28.10	-1.727
28.50	-1.340
29.00	-863
29.50	-392
29.92	0
30.50	531
30.90	893
30.99	974
NA	NA

UT Reading Fl.	
Test	Tol +/-
Case Leak	100Fl -35
Hysteresis	75Fl/50% 10
After Effect	30 Fl 10

Internal Lighting	
operational:	Internal Vibrator
Pass	Pass
Fail	Fail

Ref: 14CFR Appendix E

Inspector: [Signature] DLM

Sun Aviation, INC. FAA CRS ECWD470D SAA 18-007

#2 GA35 GPS antenna s/n  
Practices and Piper PA46-  
was repaired and inspected  
for return to service. All  
ce manuals and instructions.

Appendix F

Reg#: N179BL  
erial#: 4692060  
odel: PA46-350T  
and IAW FAR 91.411 and

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
STANDARD AIRWORTHINESS CERTIFICATE

1 NATIONALITY AND REGISTRATION MARKS  
2 MANUFACTURER AND MODEL  
3 AIRCRAFT SERIAL NUMBER  
4 CATEGORY  
AIRCRAFT, INC. PA-461-350T  
PIPER  
4692060  
NORMAL

5 AUTHORITY AND BASIS FOR ISSUANCE  
This airworthiness certificate is issued pursuant to the Federal Aviation Act of 1958 and certifies that, as of the date of issuance, the aircraft to which issued has been inspected and found to conform to the type certificate therefor, to be in condition for safe operation, and has been shown to meet the requirements of the applicable comprehensive and detailed airworthiness code as provided by Annex 8 to the Convention on International Civil Aviation, except as noted herein.  
Exceptions:  
NONE

6 TERMS AND CONDITIONS  
Unless sooner surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator, this airworthiness certificate is effective as long as the maintenance, preventive maintenance, and alterations are performed in accordance with Parts 21, 43, and 91 of the Federal Aviation Regulations, as appropriate, and the aircraft is registered in the United States  
FAA REPRESENTATIVE John S. Hambleton  
DESIGNATION NUMBER ODA RF-511281-CE  
DATE OF ISSUANCE AUG 01 2008  
Any alteration, reproduction, or misuse of this certificate may be punishable by a fine not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. THIS CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT IN ACCORDANCE WITH APPLICABLE FEDERAL AVIATION REGULATIONS  
FAA Form 8100-2 (8-82) GPO 570-189