

#2

AIRCRAFT LOG



AIRCRAFT LOG

PIPER AIRCRAFT, INC.

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

N606WC

Aircraft
Registration number

Part No. 230715

AIRCRAFT DESCRIPTION

Registration No. N506WC

Model: _____ Popular Name: _____

Serial No.: _____ Type Certificate No.: _____

Colors: _____

Engine Manufacturer: _____ Serial Numbers: Single _____

Original Engine Model: _____ Left _____

_____ Right _____

Propeller Manufacturer: _____ Hub or Serial Number: Single _____

Original Propeller Model: _____ Left _____

_____ Right _____

Blade Numbers

Left

Right

ANNUAL INSPECTION SUMMARY

(See Log for Details)

Date: 11/1/17
Hobbs: 1668.3
WO#: A002896

Sun Aviation, Inc.
Avionics
Aircraft Log

A/C Reg#: N606WC
A/C Serial#: 4697176
A/C Model: PA46-500TP

1. The Following Altimeter(s), Altitude Encoder, and Static Pressure System(s) have been tested IAW **FAR 91.411** and conforms to FAR PT 43, Appendix E, to 35,000 FT.

#1 ADC Model: GDC74A S/N: 20623386
#2 ADC Model: GDC74A S/N: 20623385
Stby Alt Model: Aerosonic 2" S/N: 170403

The following transponder(s) have been tested IAW **FAR 91.413** and conforms to FAR PT 43, Appendix F

#1 XPDR Model: GTX330ES S/N: 84018827
#2 XPDR Model: GTX345 S/N: 3EG002836

2. Updated Pilot and Copilot G500Databases to current cycles, and updated #1/#2 GNS530W's NavData to cycle 1711.

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

Airframe

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 6

A/C REG: N606WCA/C S/N: 4697176

DATE: 9/20/16	A/C TOTAL TIME: 1456.9	HOUR METER: 1456.9
W/O NO: MWO-16-5234/5235	ENGINE TOTAL TIME 1456.9	S.M.O.H.

1. Complied with an Annual inspection in accordance with Piper Aircraft, Inc. PA-46-500TP Malibu Meridian M.M. Event 1 & 2 checklists, chapter 5-20-00. Researched AD's through Bi-Weekly 2016-19.
2. Complied with Piper 50 hour propeller heater special inspection.
3. Complied with Piper 50 hour oleo struts special inspection.
4. Complied with Piper 200 hour/4 month lead acid battery (recurring) capacity check special inspection. Removed, charged and performed discharge capacity check of battery (P/N: RG-41 S/N: 40601429). Battery passed capacity check. Charged and installed battery.
5. Complied with Piper 400 hour/6 month/1 year propeller lubrication special inspection.
6. Complied with Piper thirty (30) day standby attitude indicator emergency power supply special inspection.
7. Complied with Piper thirty (30) day battery and battery compartment special inspection.
8. Complied with Piper thirty (30) day portable fire extinguisher special inspection.
9. Complied with Piper thirty (30) day oxygen cylinder special inspection.
10. Complied with Piper ninety (90) day hydraulic pump reservoir special inspection.
11. Complied with Piper ninety (90) day brake reservoir special inspection.
12. Complied with Piper ninety (90) day ELT operational test special inspection.
13. Complied with Piper one (1) year pilot's oxygen mask special inspection.
14. Complied with Piper one (1) year engine mount to fuselage attach brackets and attaching hardware special inspection.

-----CONTINUED-----

WO NO.

MWO-16-5234/5235

14. Complied with Piper one (1) year airborne 1H37 series check valves special inspection.
15. Complied with Piper five (5) year oxygen cylinder hydrostatic retest special inspection. Removed and reinstalled oxygen cylinder, P/N: 800112-24 S/N: ST58034, after hydrostatic retest. Ref. Shoreline Marine, Inc. dba Safetech W/O# AH89558. Serviced oxygen system as required with Aviators Breathing Oxygen. Operational and leak checks satisfactory. Work performed in accordance with Piper Aircraft, Inc. PA46-500TP M.M. chapter 35-10-00. **Note: Regulator overhaul and fill valve replacement were not performed at this time.**
16. Complied with Piper six (6) year pilot's oxygen mask overhaul special inspection. Removed and reinstalled pilot's oxygen mask, P/N: MC10-16-105 S/N: 98613, after overhaul. Ref. SEMCO Aerospace-TX (Carrollton, TX) W/O# MRO-16-0129. Work performed in accordance with Piper Aircraft, Inc. PA46-500TP M.M. chapter 35-10-00.
17. Complied with Piper ten (10) year Airborne 1H37 series check valve replacement special inspection. Removed and replaced check valve with an overhauled unit, P/N: 1H37-1 S/N: 16187-6. Ref. Aero Accessories, Inc. (Gibsonville, NC) W/O# 45462537. Operational check satisfactory. Work performed in accordance with Piper Aircraft, Inc. PA46-500TP M.M. chapter 37-10-00 and **Airborne SL 39A.**
18. Performed one (1) year capacity check of emergency power supply in accordance with Piper Aircraft, Inc. PA46-500TP M.M. chapter 34-20-00. Battery passed capacity check.
19. Performed 1000 hour/1 year acrylic window inspection per Piper Aircraft, Inc. PA46-500TP M.M. chapter 56-00-00.
20. Performed 100 hour/1 year LoPresti wing tip lighting system inspection in accordance with Instructions for Continued Airworthiness P/N: LSM-500-013 Rev. D. Found to be satisfactory.
21. Performed 100 hour/1 year LoPresti nose gear lighting system inspection in accordance with Instructions for Continued Airworthiness P/N: LSM-500-012 Ref. D. Found to be satisfactory.
22. Performed 1 year Garmin GNS 530W visual inspection in accordance with Instructions for Continued Airworthiness P/N: 190-00357-65 Rev. C. Found to be satisfactory.

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WO NO.

MWO-16-5234/5235

23. Performed 1 year Garmin GA antenna visual inspection in accordance with Instructions for Continued Airworthiness P/N: 190-00673-01 Rev. F. Found to be satisfactory.
24. Performed 1 year Avidyne EX500 inspection in accordance with Instructions for Continued Airworthiness P/N: AVMFD-083 Rev. 11. Found to be satisfactory.
25. Inspected ELT in accordance with FAR 91.207d. Removed and replaced ELT remote switch with new, P/N: 345-6196-04 S/N: 371020-009. Operational check satisfactory. **ELT battery replacement due: AUG. 2021.**
26. AD 2001-23-17 amend. 39-12516 dated 12/28/01, Garmin GNS 430's, does not apply. Aircraft is equipped with Garmin GNS 530's. No action required.
27. AD 2009-05-05 amend. 39-15829 dated 4/3/09, Avidyne PFD's, does not apply. Aircraft is not equipped with Avidyne PFD's. No action required.
28. AD 2015-08-07 amend. 39-18143 dated 6/16/15, Zodiac Aerotechnics oxygen mask harness assembly, does not apply by date code of installed wire harness. No action required.
29. AD 2015-10-51 amend. 39-18183 dated 7/1/15, Avidyne IFD's, does not apply. Aircraft is not equipped with Avidyne IFD. No action required.
30. AD 2015-13-09 amend. 39-18196 dated 7/13/15, Cabin altitude encoder installation, does not apply by airframe serial number. No action required.
31. AD 2015-23-09 amend. 39-18325 dated 12/28/15, Zodiac Aerotechnics oxygen mask regulators, does not apply by installed mask P/N (MC10-16-105). No action required.
32. AD 2016-01-01 amend. 39-18359 dated 2/17/16, Wing inspection, was found in compliance by previous compliance with Piper SB 1262 on 10/29/13. No further action required.
33. Complied with Piper SB 1204, Re-Calculation of wing structure life limit due to unique usage. Operating history of this aircraft has been determined to be "Category I, Normal Usage" at this time. **Next due: 1706.9 ACTT or 9/31/17.**
34. Piper SB 1230, Nose wheel grommet inspection, was found in compliance by previous compliance with Piper SB 1177 on 2/1/07. No further action required.

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LOG BOOK ENTRY (CONT.)

35. Complied with **Piper SB 1267A**, Empennage rivets inspection, was found in compliance by previous compliance with **Piper SB 1267** on 12/1/15. No further action required.
36. **Piper SB 1280A**, H3R fire extinguisher replacement, was found in compliance by previous compliance with **Piper SB 1280** on 12/1/15. No further action required.
37. Complied with **Piper SB 1291**, Executive table placards replacement. Removed and replaced placards with new, Piper Kit No. 88581-701. No further action required.
38. **Piper SB 1297**, Altimeter inspection and replacement (United Instruments SB No. 13), does not apply. Altimeter has not been replaced during January 2015 to present. No action required.
39. Complied with **Piper SL 1131**, Aileron sector bearing lubrication. Cleaned and lubricated left and right aileron sector needle bearings and bearings per SL instructions. **Next due: 1556.9 ACTT or 9/30/17.**
40. Complied with **Piper SL 1135**, Control cable/pulley inspection. Inspected all flight control cables and pulleys, found to be satisfactory. **Next due: 1556.9 ACTT.**
41. Complied with **Piper SL 1204**, Heat windshield test procedure. Measured terminal blocks for proper resistance. Found all values within tolerances. No further action required.
42. Inserted Revisions 14&15 in Pilot's Operating Handbook (POH).
43. Removed and replaced air conditioning compressor belt with new, P/N: 73965-024. Work performed in accordance with Piper Aircraft, Inc. PA46-500TP M.M. chapter 21-50-00.
44. Removed and replaced alternator belt with new, P/N: 73965-023. Work performed in accordance with Piper Aircraft, Inc. PA46-500TP M.M. chapter 24-30-00.
45. Realigned upper cowling inlet duct as required to prevent chafing.
46. Retorqued left gull wing door hold open rod hardware.
47. Cleaned and polished left and right wing taxi light lenses as required.
48. Installed a new ID placard on instrument panel.
49. Repaired main cabin door seal in accordance with Piper Aircraft, Inc. PA46-500TP M.M. chapter 52-10-00.
50. Cleaned and treated surface corrosion on OAT probe.
51. Removed and replace elevator trim hardware with new.

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WO NO.

FOWO-16-5234/5235

WO NO.
MWO-16-5234-5235

52. Resealed belly antennae as required.
53. Removed and replaced nose gear landing light lens with new, P/N: LSM-500-335-15.
54. Fabricated and installed two (2) bushings on cabin threshold plate.
55. Removed and replaced pilot seat lower back support with new, P/N: 96817-003.
56. Removed and replaced pilot and co-pilot seat back bolts with new, P/N: 691-529.
57. Removed and replaced aileron interconnect block with new, P/N: 106590-002.
58. Applied chafe protection to hydraulic lines under cockpit floor.
59. Resealed left and right wing stall strips as required.
60. Resecured all deice boots and edges as required..
61. Inspected and patched right horizontal stabilizer deice boot.
62. Removed and replaced right wing panel insert with new, P/N: MS21075L3.
63. Relamped oxygen gauge post light with a new bulb, P/N: 572-625. Operational check satisfactory.
64. Removed and replaced left and right brake shims, P/N: 068-01100 (Qty 2) and insulators, P/N: 088-00100 (Qty 4), with new.
65. Removed and replaced left brake pin with new, P/N: 177-00300.
66. Removed and replaced left main landing gear pivot bushing, P/N: 452-838 and aft trunnion pin, P/N: 83465-802, with new. Performed landing gear extensions/retractions. Operational check satisfactory.
67. Removed and replaced left and right main landing gear inboard races with new, P/N: 214-00100 (Qty 2).
68. Removed and replaced left wheel bearing grease seal with new, P/N: 154-12400.
69. Removed and replaced nose gear doors upper rod ends with new, P/N: 691-304 (Qty 2).
70. Removed and replaced right main landing gear actuator hoses with new, P/N: 585-905 (Qty 2). Leak check satisfactory.
71. Removed, disassembled, cleaned, inspected, reassembled using new o-rings and reinstalled nose strut. Serviced with MIL-PRF-5606H hydraulic fluid. Serviced with nitrogen to the proper pressure. Leak check satisfactory. Work performed in accordance with Piper Aircraft, Inc. PA46-500TP M.M. chapters 12-10-00 and 32-20-00.

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LOG BOOK ENTRY (CONT.)

72. Retorqued air conditioning suction line "B" nut. Evacuated, recycled and reserviced air conditioning system with R-134a refrigerant. Operational and leak checks satisfactory. Work performed in accordance with Piper Aircraft, Inc. PA46-500TP M.M. chapter 21-50-00.

73. Removed and replaced three (3) static wicks, P/N: 456-904 and bases, P/N: 452-124, with new. Operational check satisfactory.

74. Performed post inspection ground run, operational and leak checks satisfactory.

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WO NO.

MWO-16-5234-5234

COLUMBIA AIR SERVICES, INC.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N Work Order # MWO-16-5234-5235 I certify that this Airframe has been inspected in accordance with an Annual inspection per Piper Aircraft, Inc. PA-46-500TP Malibu Meridian Maintenance Manual Event 1 & 2 checklists chapter 5-20-00 and has been found airworthy for the work performed.
Date 9/20/16 A/C Total Time 1456.9

Signature: 

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Date: 11/15/16
Hobbs: ~~1647.0~~ 1467.0 per
WO#: A002466

Sun Aviation, Inc.
Avionics
Aircraft Log

A/C Reg#: N606WC
A/C Serial#: 4697176
A/C Model: PA46-500TP

The Following Altimeter(s), Altitude Encoder, and Static Pressure System(s) have been tested IAW **FAR 91.411** and conforms to FAR PT 43, Appendix E, to 35,000 FT.

#1 ADC Model: GDC74A **S/N:** 20623385
#2 ADC Model: GDC74A **S/N:** 20623386
Stby Alt Model: Aerosonic 2" **S/N:** 170403

The following transponder(s) have been tested IAW **FAR 91.413** and conforms to FAR PT 43, Appendix F

#1 XPDR Model: GTX330ES **S/N:** 84018827
#2 XPDR Model: GTX345 **S/N:** 3EG002836

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

Total To Carry Forward				

Registration No. _____

Date: 11/15/16
Hobbs: 1467.0
WO#: A002466

Sun Aviation, Inc.
Avionics
Aircraft Log

A/C Reg#: N606WC
A/C Serial#: 4697176
A/C Model: PA46-500TP

1. Removed P/CP Meggitt EFIS systems. Installed Pilot and Co-pilot Garmin G500 systems with SVT(pilot), and DFCS unlocks following the guidance of Garmin AML STC SA02153LA-D. FAA Form 337 completed and filed as required.
2. Removed #2 GTX330. Installed #2 GTX345R ADS-B OUT and IN transponder following the guidance of Garmin AML STC SA01714WI. FAA Form 337 completed and filed as required. The installed ADS-B OUT system has been shown to meet the equipment requirements of 14 CFR 91.227.
3. Upgraded the #1 GTX330 to ADS-B OUT compliant GTX330ES following the guidance of Garmin AML STC SA01714WI. Form 337 completed and filed as required. The installed ADS-B OUT system has been shown to meet the equipment requirements of 14 CFR 91.227.
4. Removed Avidyne/WSI satellite WX receiver and antenna. Installed GA55 XM antenna and GDL69A receiver following the guidance of Garmin AML STC SA01487ES-D. FAA Form 337 completed and filed as required.
5. Installed Alpha Systems Eagle AOA pressurized system with Flap interface as a MINOR ALTERATION following the guidance in the Alpha System IM AOA-9050-Eagle, and FAA Memo AIR100-14-110-PM01.
6. Removed existing DVR-300i Clock/recorder. Installed GT50 Clock w/G-meter as a MINOR ALTERATION following the guidance of the GT50 IM.
7. Installed True Blue TA202 USB Charging ports on the pilot/copilot instrument panels with power provided by two 2A CB on the avionics buss labeled Pilot USB and Copilot USB. This installation was evaluated and determined to be a MINOR ALTERATION following the guidance of the TA202 IM 9017899 Rev. A.
8. Installed Pax 1 and Pax 2 Bose connections with power provided by a 1A CB installed on the Avionics Bus. This installation was determined to be a MINOR ALTERATION following the guidance of the Bose install instructions, Piper Meridian MM 767-005 and Sun Aviation Dwg 500297176A.

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

AIRCRAFT LOG

SUN AVIATION, INC., Vero Beach, FL (VRB)
 Date: 11/18/16 **1467.0** AIRCRAFT LOG
 Hobbs: ~~1388.5~~ Model: PA46-500TP

N606WC
 S/N: 4697176

Performed Enviro PA46-500TP CMM test and evaluation sheet Fig 1A and found all readings within limits.
 Drained left and right fuel tanks and removed fuel tank panels and removed sealant in areas leaking.
 Applied sealant to leaking areas, reinstalled panels and refueled per PPG 89082 and PPG 142882 instructions. **Accomplished Piper SB1173B by rerouting harness and reinstalled support bracket.**
 Replaced main aircraft battery, installed P/N 601-910 S/N 40813099 per PA46-500TP MM 24-30-00.

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 # S002798

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.
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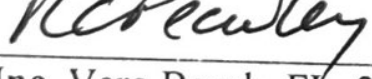
Date: 12/28/2016
Hobbs: 1469.0
WO#: A002521

Sun Aviation, Inc.
Avionics
Aircraft Log

A/C Reg#: N606WC
A/C Serial#: 4697176
A/C Model: PA46-500TP

1. Replaced #1 and #2 GNS530W Nav Data Cards and loaded current Nav Data.
2. Upgraded G500 Software to Ver 7.12 IAW Garmin STC SB P/N 1665 Rev A.
3. Set Alpha AOA Audio IAW Alpha AOA Ops Manual P/N AOA-9610.

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

AIRCRAFT LOG

Date	Aircraft Time	Recorder	Maintenance
Date: <u>1/31/17</u>	Sun Aviation, Inc. Avionics Aircraft Log		A/C Reg#: <u>N606WC</u>
Hobbs: <u>1504.3</u>			A/C Serial#: <u>4697176</u>
WO#: <u>A002597</u>			A/C Model: <u>PA46-500TP</u>

1. Installed REPAIRED STEC 1500 Autopilot computer p/n 013404-01-01-001 s/n 0411-314 following the guidance of STEC ICA report #81640P. Adjusted Alert Audio TONE and VOICE following the guidance of STEC SB 05-006R1.
2. Adjusted existing panel post light to better illuminate the Stby Altimeter.
3. Installed REPAIRED Alpha System AOA IF Module. Performed Ground Zero Cal. An in-flight AOA calibration by the pilot is required prior to AOA system operation.

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. _____

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 02/03/17

AIRCRAFT LOG

N606WC

Hobbs: 1504.3

Model: PA46-500TP

S/N: 4697176

Replaced AC condenser motor with overhauled unit from George's Electrical Service, installed overhauled P/N MB56D-1 S/N 788 per Piper PA46-500TP MM 21-50-00. Glued and resealed left wing deice boot.

Replaced forward door cable, installed P/N 89630-004 and installed lock nut on "T" handle per MM 52-20-00. Resoldered generator annunciator cold solder joint per Piper WD 91-31-50. Retensioned AC compressor and alternator belts per Piper PA46-500TP MM 21-50-00 and 24-30-00. Replaced aft lower door cable, installed P/N 89630-005 per 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 # S002914

Signature



CRS # ECWR470D

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

Feb 03, 2017 Hobbs 1504.3

Starter generator overhauled this
date. See engine log for entry.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	<p>Feb 18, 2017 Hobbs 1520.6 N606WC</p> <p>Installed new Michelin Air tires (6.00 -6 8ply) and tubes on left and right main gear. Installed new brake pads p/n 066-06200 on left and right calipers. Installed new outer grease seal p/n 153-00300 on LH main wheel. All work performed I/A/W piper PA 46 MM.</p> <p>Paul Pearson A&P 2829612</p> <p style="font-family: cursive; font-size: 1.2em; color: blue;">Paul Pearson</p>			
	<p>Souther Field Aviation</p> <p>April 21, 2017 N606WC Hobbs 1559.0</p> <p>Removed faulty condenser blower motor p/n MB56D-1 s/n 788. Installed overhauled unit s/n 503 as received from George's Electrical Service WO# 21081. All work accomplished in accordance with Piper PA46-500TP maintenance manual.</p> <p>Paul Pearson AP2829612 Paul Pearson</p>			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>May 04, 2017 Souther Field Aviation Inc Hobbs 1,571.6 N606WC Installed new air conditioner control module p/n PS50203-1. System tested and operates normally. Work performed in accordance with Piper PA46-500TP MM. Paul Pearson AP 2829612</p> <p><i>Paul Pearson</i></p>		
<p>Sept 15, 2017 Souther Field Aviation Inc. Hobbs 1,659.0 N606WC Installed new Michelin Air tires (6.00-6 8ply) on left and right main gear. Cleaned, inspected and grease wheel bearings. Reinstalled brake pads. All work performed referencing Piper PA46-500TP MM. Paul Pearson AP 2829612</p> <p><i>Paul Pearson</i></p>		

AIRCRAFT LOG

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 11/01/17

Hobbs: 1668.3

ACTT: 1668.3

AIRCRAFT LOG

Model: PA46-500TP

S/N: PCE-RMO186

N606WC

S/N: 4697176

Accomplished an Event I & II Annual Airframe Inspection IAW FAR 43, Appendix "D", using the Piper PA46-500TP, Event I & II Inspection Checklist as a guide. C/W FAR 91.207, Para C and D, ELT Shock, Battery Due 07/2021. Verified FAR 91.411 and 91.413 ALT/TRSP Static Check next due 11/2019. C/W Fire Extinguisher Weight Check per Piper SB1280A H3R fire extinguisher inspection. Accomplished Piper SL1131 aileron sector bearing lubrication requirements. Accomplished Piper SB1204 re-calculation of wing structure life limit and determined to be a Category 1 normal usage. Accomplished Piper SB1293C engine mount doubler inspection and installed new placards P/N 88582-701 and 88582-702. Accomplished Piper SL1202 main landing gear actuator hydraulic hose inspection. Accomplished Piper SB1288A aft vertical fin spar inspection by replacing the hardware, installed P/N AN6-10A, AN6-7A, MS21042-6, and NAS1149F00663P and inspected holes. Performed a compass calibration/adjustment per Piper PA46-500TP MM 34-20-00. Replaced prop heat timer, installed P/N 691-420 SN 000056. Replaced sealant around windows. Performed toe in and out check and reset toe on right and left MLG per MM 32-10-00. Replaced nose gear down spring, installed P/N 687-931 per Piper PA46-500TP MM 32-20-00 and ran gear in normal and emergency configuration. Reset rake angle and retorqued steering cam clearance per MM 27-20-00. Replaced Pilot and Co-Pilot sun visors, installed P/N 104342-002 per PA46-500TP IPC Figure 39. Serviced O2 per PA46-500TP MM 35-10-00. Adjust rudder and pitch trim cable tensions per PA46-500TP MM 27-00-00. Removed EPS battery for cap test and reinstalled after successful test. Replaced post light lamp, installed P/N GE327 per PA46-500TP MM 33-10-00. Replaced chaffe tape on left and right wings, installed P/N 380-049. Replaced left and right brake discs, installed P/N APS164-07800 and pads P/N APS66-06200 per Piper PA46-500TP MM 32-40-00. Replaced right and left brake shims, installed P/N 068-01100. Bled brakes per PA46-500TP MM 32-40-00.

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Registration No. _____

and Remarks

Signature

Certificate No.

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Replaced nose tire with P/N 505C01-2 500X5 10 ply per PA46-500TP MM 32-40-00. Replaced two nose gear adel clamps, installed P/N MS21919WCH11 and MS21919WCH5. Replaced nose gear chaffe tape, installed P/N 380-049. Replaced cabin door seal, installed P/N 88440-002 per Piper drawing #88440.

Accomplished 300 hour fixed oxygen system inspection per Piper PA46-500TP MM 35-10-00.

Accomplished 400 hour fuel purge system inspection per PA46-500TP MM 71-70-00. Accomplished 500 hour cabin upper landing gear actuator mount bolt inspection per MM 32-10-00. Accomplished 1000 hour firewall inspection per PA46-500TP MM 71-30-00. Accomplished 1000 hour flap track/bearing and bolt inspection and lubrication. Accomplished 1 year engine mount attach bracket inspection/bolt retorqued per PA46-500TP MM 5-30-00. Accomplished 5 year steel attach fitting/elevator trim rod corrosion inspection and Dinitrol treatment per PA46-500TP MM 57-40-00, 55-30-00, 55-20-00 and 55-10-00.

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 # S003189 Researched THRU REV. 2017.20

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 Forward →			
				Souther Field Aviation Inc
		Jan 15, 2018	N606WC	Hobbs 1724.4
		Removed, disassembled and cleaned pilots side brake master cylinders (Left & Right). Install new o-rings and reinstall in aircraft. Bleed brakes and service reservoir with 5606. No leaks noted at this time. Remove RH landing gear strut and install new lower seals and o-ring. Reinstall and service strut. No leaks noted at this time. Installed new o-rings on lines and check valves to and from EPA tank. Pressure tested system and no air leaks noted at this time. See WO/Inv S7871 for details.		
		Bailey Mills	A 4010884	



SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 02/10/18

AIRCRAFT LOG

N606WC


Hobbs: 1734.0

Model: PA46-500TP

S/N: 4697176

Found rudder cables improperly rigged, rigged rudder cables per Piper PA46-500TP MM 27-20-00 and 27-00-00.

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 # S003431

Signature 

CRS # ECWR470D

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

Registration No. _____

and Remarks	Signature	Certificate No.
<p style="text-align: center;">Souther Field Aviation Inc.</p> <p>June 26, 2018 N606WC Hobbs 1,782.1</p> <p>Installed new brake pads on LH main wheel. Performed water wash on compressor and compressor turbine.</p> <p>Robert Sturgeon A&P 3637120 <i>Robert Lee Sturgeon</i></p>		
<p style="text-align: center;">Souther Field Aviation Inc</p> <p>Aug 3, 2018 N606WC Hobbs 1,797.8</p> <p>Installed new left and right main tires and tubes. Cleaned, inspected and greased wheel bearings. Installed new brake pads on RH Caliper. Performed compressor and compressor turbine water wash.</p> <p>Paul Pearson A&P 2829612 <i>Paul Pearson</i></p>		

AIRCRAFT LOG


Date	Aircraft Time		Recorder	
	This Date	Total		



3200 Airport West Drive
Vero Beach, Florida 32960
(772) 569-8473
Fax (772) 563-9500
E-mail: CORPAIR1@aol.com

DATE	1/1/2019	N#	606WC	A/C S/N	4697176
HM	1853.3	TT	1853.3	TSMOH	

COMPLIED WITH EVENT I & II INSPECTIONS IN ACCORDANCE WITH FAR 43 APPENDIX "D", USING PA46-500TP, EVENT I & II CHECKLIST AS A GUIDE. INSPECTED ELT IAW FAR 91.207© AND (d), BATTERY NEXT DUE FOR REPLACEMENT 07/2021. REPLACED NOSE TIRE WITH NEW MICHELIN 5-5.00 8 PLY SERVICED WITH NITROGEN REPACKED WHEEL BEARINGS, REPLACED BETA BLOCK WITH NEW P/N CA3026, OXYGEN CYLINDER HYDROSTATIC TEST DUE 9/2021, PILOTS O2 MASK INSP NEXT DUE 9/2022. REPLACED AIR CONDITIONING COMPRESSOR AND ALTERNATOR BELTS WITH NEW GATES 9279 AND 7215. C/W SB 1204 FOUND AIRCRAFT TO BE OPERATED IN CATEGORY I "NORMAL USAGE", NEXT DUE 1953 AFTT OR 1/2020. C/W SL 1131 BY LUBRICATION OF AILERON SECTOR NEEDLE BEARINGS, NEXT DUE AT 1953 AFTT OR 1/2020, SB1328 N/A BY S/N, SB 1314 N/A BY S/N, SB 1322 N/A BY S/N, C/W 300 HR OXYGEN SYSTEM INSPECTION IAW PA46-500TP MM 35-10-00 PAGE 4, CAP CHECKED MAIN BATTERY FOUND TO BE WITHIN CONCORD ICA LIMITS.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE.
EVAN LOBDELL  A&P3315530IA

and Remarks

ATC TRANSPONDER TEST

The ATC Transponder test and inspections required by FAR 91.413 were performed on this date and found to comply with FAR 43, Appendix F.

Make: GARMIN
Model: GTX330ES
S/N: 84108827

Make: GARMIN
Model: GTX345
S/N: 3EG003936

Details of this inspection are on file at this facility under Work Order Number: 11668

DATE: 12-13-2018 Inspector: Shawn Kelly

Repair Station:

Treasure Coast Avionics, Inc
3800 Saint Lucie Blvd
Fort Pierce, FL 34946
FAA CRS# YHLR983K

Certificate No.

STATIC PRESSURE SYSTEMS CERTIFICATION

I certify that the static pressure system and automatic pressure altitude reporting system tests as required by FAR 91.411(a) and 91.217(b) have been performed I.A.W. FAR 43 Appendix E, paragraphs (a) (c).

1. The static pressure system was tested on: DATE: 12-13-2018

2. The automatic pressure altitude reporting system was tested to:
35,000 feet on: 12-13-2018

Details of this inspection are on file at this facility under Work Order Number: 11668

DATE: 12-13-2018 Inspector: Shawn Kelly

Repair Station:

Treasure Coast Avionics, Inc
3800 Saint Lucie Blvd
Fort Pierce, FL 34946
FAA CRS# YHLR983K

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		



3200 Airport West Drive
Vero Beach, Florida 32960
(772) 569-8473
Fax (772) 563-9500
E-mail: CORPAIR1@aol.com

DATE	<u>1/18/2019</u>	N#	<u>606WC</u>	A/C S/N	<u>4697176</u>
HM	<u>1861.7</u>	TT	<u>1861.7</u>	TSMOH	

REPLACED RH PITOT HEAT TIMER ASSY WITH NEW P/N 691-419 S/N 000385. TESTED PROP HEAT OPS
CHECK OK, RESCUED RIGHT WING CANNON PLUG.

EVAN LOBDELL

A&P3315530

Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 02/14/19

AIRCRAFT LOG

N606WC

Hobbs: 1881.9

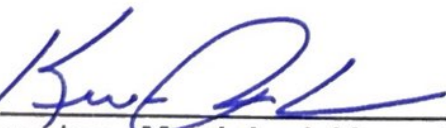
Model: PA46-500TP

S/N: 4697176

Replaced battery contactor, installed P/N 602-943 per MM 24-30-00. Replaced ammeter indication contactor relay, installed P/N M260-B2A-004L1 per MM 91-24-30. Removed AOA heat relay ground from Pitot heat switch per MM wiring manual chapter 91-30-30. Cleaned lines between receiver dryer and expansion valve, replaced receiver dryer, installed P/N 601-218 and left hand evaporator expansion valve P/N 765-216 and serviced per MM 24-30-00. Replaced stall heat remote switch, installed P/N PS50203-1 per MM 24-30-00.

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 # S003845

Signature



CRS # ECWR470D

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

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AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

Date: 2/15/19

Sun Aviation, Inc.

A/C Reg#: N606WC

Hobbs: 1881.9

Avionics

A/C Serial#: 4697176

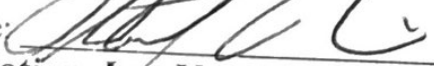
WO#: A003340

Aircraft Log

A/C Model: PA46-500TP

1. Installed AoA heat relay wired to activate with LH Pitot Heat. Performed operation check without discrepancy. Removed AoA display I/F module p/n DSTR-AOA-1960PE s/n AOA 4843-07 and replaced with new module s/n AOASO024853-01. Ref: Alpha Systems AOA Eagle IM # AOA-9050-Eagle.

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				
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Corporate Air



Maintenance, Inc.

DATE	<u>2/6/2020</u>	N#	<u>606WC</u>	A/C S/N	<u>4697176</u>
HM	<u>2035</u>	TT	<u>2035</u>	TSMOH	

COMPLIED WITH EVENT I & II INSPECTIONS IN ACCORDANCE WITH FAR 43 APPENDIX "D", USING PA46-500TP, EVENT I & II CHECKLIST AS A GUIDE. INSPECTED ELT IAW FAR 91.207© AND (d), BATTERY NEXT DUE FOR REPLACEMENT 07/2021. REPLACED MAIN BATTERY WITH NEW RG-41 P/N 601-910 S/N 41070625. REPLACED LEFT TAIL NAV LIGHT BULB WITH NEW 34-0428070-64. REPLACED ENGINE COMPARTMENT FULD CARRING FLEX LINES WITH NEW FROM PHT HOSES. REPLACED RIGHT EXHAUST STACK ASSY WITH NEW P/N 102409-006 DUE TO CRACK. JACKED AIRCRAFT REPLACED NOSE GEAR DOWN ASSIST SPRING P/N 687-931 WITH NEW. CONDUCTED LANDING GEAR RETRACTION AND EMERGENCY GEAR EXTENSION. SERVICED HYDRULIC POWER PACK AND BRAKE FLUID RESERVOIR. C/W 400 HR FUEL PURGE SYSTEM INSPECTION AND CLEANING, C/W 7 YEAR AIRFRAME INSPECTION REMOVED INTERIOR INSPECTED ALL STRINGERS, BULKHEADS AND STRUCTURES FOR CRACKS, FOUND NO CRACKS. FOUND ALTERNATOR BELT LOOSE, INSPECTED BELT AND RETIGHTENED. RESEARCHED AD NOTES THRU 2020-3 NONE APPLY AT THIS TIME. C/W SB 1204 FOUND AIRCRAFT TO BE OPERATED IN CATEGORY I "NORMAL USEAGE", NEXT DUE AT 2135 AFTT OR 2/2021, C/W SL 1131 BY LUBRICATION OF AILERON SECTOR NEEDLE BEARINGS, NEXT DUE AT 2135 AFTT OR 2/2021, AT 2135 AFTT OR 2/2021, C/W 300 HR OXYGEN SYSTEM INSPECTION IAW PA46-500TP MM 35-10-00. LUBED ALL CONTROLS, PULLIES AND HINGES. SERVICED TIRES WITH NITROGEN.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE.

EVAN LOBDELL

A&P3315530IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought			

Date: 2/22/2021
Hobbs: 2120.8
WO#: A003862

Sun Aviation, Inc.
Avionics
Aircraft Log

A/C Reg#: N606WC
A/C Serial#: 4697176
A/C Model: PA46-500TP

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:	<u>GDC74A</u>	S/N:	<u>20623386</u>
#2 ADC Model:	<u>GDC74A</u>	S/N:	<u>20623385</u>
Stby Alt Model:	<u>2" Aerosonic</u>	S/N:	<u>175570</u>

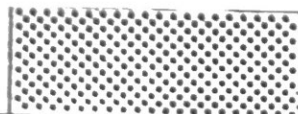
The following transponder(s) have been inspected IAW **FAR 91.413** and conform to FAR PT 43, Appendix F

#1 XPDR Model:	<u>GTX330ES</u>	S/N:	<u>84108827</u>
#2 XPDR Model:	<u>GTX345</u>	S/N:	<u>3EG002836</u>

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.


Date: 2/22/2021
Hobbs: 2120.8
WO#: A003862

Sun Aviation, Inc.
Avionics
Aircraft Log

A/C Reg#: N606WC
A/C Serial#: 4697176
A/C Model: PA46-500TP

- Repaired broken ELT coax with NEW coax connector. Performed ground checks without discrepancy. REF: AC 43.13

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

AIRCRAFT LOG

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 03/05/21

AIRCRAFT LOG

N606WC

Hobbs: 2120.8

Model: PA46-500TP

S/N: 4697176

ACTT: 2120.8

Accomplished an Event I & II Annual Airframe Inspection IAW FAR 43, Appendix "D", using the Piper PA46-500TP, Event I & II Inspection Checklist as a guide. C/W FAR 91.207, Para C and D, ELT Shock, replaced ELT battery, installed P/N 455-0012. Battery Due 11/2027. Verified FAR 91.411 and 91.413 ALT/TRSP Static Check next due 02/2023. C/W Fire Extinguisher Weight Check per Piper SB1280A H3R fire extinguisher inspection. Accomplished Piper SL1135 control cable/pulley inspections. Accomplished Piper SL1131 aileron sector bearing lubrication requirements.

Accomplished Piper SB1271A wing spar inspection. Accomplished Piper SB1267A empennage rivets inspection by adding missing rivets to empennage Part II. . Accomplished AD 2016-01-01 per Piper SB1262B inspected upper skin joints for adequate sealant. Accomplished Piper SL1202 main landing gear actuator hydraulic hose inspection. Accomplished Piper SB1306 wing rib modification by installing wing rib stiffener kit 88609-002. Accomplished Piper SB1327 aileron control cable protection tube inspection. Accomplished SL1236 channel modification for nose landing gear trunnion clearance. Accomplished Piper SL1279 elevator spar inspection. Accomplished Piper SB1280 rudder pedal and bar assembly inspection. Accomplished Piper SL1285 tire pressure maintenance. Accomplished Piper SL1286 nose landing gear steering components inspection/adjustment. Tightened friction lock per MM 76-10-00. Replaced left and right MLG tires with

600X6 8 ply Michelin Air tires per MM 24-30-00. Replaced nose tire and tube, installed P/N's 071-311-0 and 097-9088-0 and balanced per MM 32-40-00. Replaced brake pads, installed P/N 066-06200 per MM 32-40-00. Replaced right and left taxi lenses, installed P/N PA46 taxi light lens per PA46-500TP MM 33-40-00. Replace EPS battery power supply per MM 34-20-00. Replaced drink holder, installed P/N 565-735. Lubricated cabin door lock. Removed left aft facing seat back and bottom, installed fabricated seat plate and carpet. Updated weight and balance in POH. Replaced emergency extension spring, installed P/N 687-931 per MM 32-30-00. Replaced ELT mounting bracket, installed P/N 8303 per ARTEX Advisory Notice #001.

Con't on Page 2

Page 2

Replaced hydraulic hose at power pack, installed P/N 566-176 per PA46-500TP MM 29-10-00. Replaced damaged nut plate, installed per AC43.13 standard riveting practices. Replaced chaffe tape on right and left wings, installed P/N 380-066. Replaced oxygen generators, installed P/N 471-025 S/N's A19050372, A19050381 and SN A19050413 per PA46-500TP MM 35-20-00. Replaced right hand fuel cap lanyard, installed P/N 472-059. Replaced left brake shim, installed P/N 068-01100. **Replaced all 4 right main actuator hoses, installed P/N 187-273 per Piper SL1202, performed retraction check.** Replaced left hand navigation light bulb, installed P/N WLA7512-24 per MM 33-40-00. Evacuated freon from AC system, performed vacuum and serviced per MM 21-50-00. **Accomplished 500 hour MLG upper bolt attach inspection and bolt retorqued per MM 32-10-00. Accomplished 600 hour main fuel filter replacement, installed P/N AC-B040F-1240 per MM 28-20-00. Accomplished 1 year main battery cap test per MM 24-30-00. Accomplished 1 year Pilot's O2 mask service per MM 35-10-00 and serviced oxygen per MM 12-10-00. Accomplished 1 year engine to firewall mount bracket inspection and bolt retorqued per MM 71-20-00.**

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 # S004530 Researched THRU REV. 2021.03

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: 02/15/22

AIRCRAFT LOG

N606WC

Hobbs: 2229.6

Model: PA46-500TP

S/N: 4697176

ACTT: 2229.6

Accomplished an Event I & II Annual Airframe Inspection IAW FAR 43, Appendix "D", using the Piper PA46-500TP, Event I & II Inspection Checklist as a guide. C/W FAR 91.207, Para C and D, ELT Shock, Battery Due 11/2027. Verified FAR 91.411 and 91.413 ALT/TRSP Static Check next due 02/2023. C/W Fire Extinguisher Weight Check per Piper SB1280A H3R fire extinguisher inspection. Accomplished Piper SL1135 control cable/pulley inspections. Accomplished Piper SL1131 aileron sector bearing lubrication requirements Accomplished Piper SL1202 main landing gear actuator hydraulic hose inspection. Accomplished Piper SB1369 elevator spar inspection. Accomplished Piper SL1285 tire pressure maintenance. Accomplished Piper SL1286D nose landing gear steering components inspection/adjustment. Accomplished Piper SL1297 rudder tube assembly inspection. Reinstalled EPS battery after successful cycle test. Cleaned and resealed right and left MLG struts per MM 32-10-00. Cleaned and resealed nose strut per MM 32-22-00. Accomplished 2 year/400 hour fuel purge inspection and cleaning per PA46-500TP MM 71-70-00. Accomplished 5 year O2 bottle hydro test and regulator overhaul by removing the O2 bottle and regulator and sending to Aerospace Turbine Rotables for inspection and overhaul, installed inspected O2 bottle P/N 800112-24 SN ST58034 and overhauled regulator P/N 800114-12 SN 10629. Accomplished 5 year steel attach fitting and elevator trim rod inspection and Dinitrol treatment per MM 57-40-00, 55-30-00, 55-20-00 and 55-10-00. 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 # S004910 Researched THRU REV. 2022.03

Signature



CRS # ECWR470D

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

Registration No. _____

and Remarks	Signature	Certificate No.
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Date: 2/17/2022
Hobbs: 2229.6
WO#: A004064

Sun Aviation, Inc.
Avionics
Aircraft Log

A/C Reg#: N606WC
A/C Serial#: 4697176
A/C Model: PA46-500TP

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.

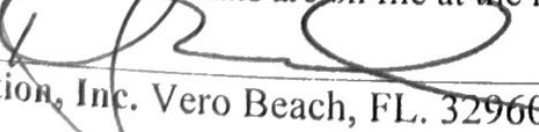
#1 ADC Model:	<u>GDC74A</u>	S/N:	<u>20623386</u>
#2 ADC Model:	<u>GDC74A</u>	S/N:	<u>20623385</u>
Stby Alt Model:	<u>16450-1147</u>	S/N:	<u>173370</u>

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

#1 XPDR Model:	<u>GTX330ES</u>	S/N:	<u>84108827</u>
#2 XPDR Model:	<u>GTX345</u>	S/N:	<u>3EG002836</u>

- Removed broken Trim Master switch p/n 58210A4B0C3. Installed NEW Trim Master Switch p/n 58210A4B0C3. Performed ground checks without discrepancy. REF: Piper PA46-500TP MM # 767-005
- Removed damaged marker beacon antenna (DATA PLATE MISSING). Installed NEW CI120 Marker beacon Antenna p/n CI102 s/n 592955. Performed ground checks without discrepancy. REF: Piper PA46-500TP MM 767-005.

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

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
May. 03, 2022	Brought Forward →			Removed existing main battery.
Hobbs	2239.7			Installed new Concorde main battery
				Part RG-41/53 S/N 41194456 in
				accordance with STC no. SA01050DE. Weight
				and balance revised/updated in Aircraft's
				flight manual. Copy of Instructions for
				Continued Airworthiness placed in Aircraft's
				records folder. Removed and replaced RH
				main tire using the Piper PA46 maintenance
				Manual as guide and reference.
Total To Carry Forward				Southerfield Aviation - Jim R. 3469312AP

Lowe Aviation Services
LOG ID# 3280
N606WC S/N 4

es LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 ETER699D
May-2022 WO# 53046 REF# 53046 HOBBS 2262.3
176 PIPER PA-46-500TB

Pg 1 / 1

UPDATED PILOT A
22041 REV A DA

OPILOT G500 SOFTWARE TO VERSION 7.41 IAW GARMIN STC SERVICE BULLETIN NO.
MAY 5TH, 2022.

UPDATED #1 AND
A DATED DEC 7TH

INS530W SOFTWARE TO VERSION 5.40 IAW GARMIN STC SERVICE BULLETIN NO. 1766 REV
1.7.

UPDATED EX500

DATABASES TO LATEST VERSION.

MAINTENANCE RE

RETURN TO SERVICE CRS# ETER699D

THE AIRCRAFT,
ACCORDANCE WITH
TO SERVICE.

COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN
ENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN

INSPECTOR / AUTH

SIGNATURE

ETER699D
CERTIFICATE #

5/24/22
DATE

Date: 1/12/2023
Hobbs: 2306.4
WO#: A004290

Sun Aviation, Inc.
Avionics
Aircraft Log

A/C Reg#: N606WC
A/C Serial#: 4697176
A/C Model: PA46-500TP


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: GDC74A S/N: 20623386
#2 ADC Model: GDC74A S/N: 20623385
Stby Alt Model: ESI500 S/N: 1794

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: 84108827
#2 XPDR Model: GTX345 S/N: 3EG002836

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.
<p>SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 01/16/2023 Hobbs: 2306.4 ACTT: 2306.4</p> <p>Accomplished an Event I & II Annual Airframe Inspection IAW FAR 43, Appendix "D", using the Piper PA46-500TP, Event I & II Inspection Checklist as a guide. C/W FAR 91.207, Para C and D, ELT Shock, Battery Due 11/2027. Verified FAR 91.411 and 91.413 ALT/TRSP Static Check next due 01/2025. C/W Fire Extinguisher Weight Check per Piper SB1280A H3R fire extinguisher inspection. Accomplished Piper SL1135 control cable/pulley inspections. Accomplished Piper SL1131A aileron sector bearing lubrication. Accomplished Piper SL1202 main landing gear actuator hydraulic hose inspection. Accomplished Piper SB1369 elevator spar inspection. Accomplished Piper SL1285C tire pressure maintenance. Accomplished Piper SL1286D nose landing gear steering components inspection/adjustment. Accomplished Piper SL1314 O2 generator inspection.</p> <p>Cont'd on Page 2</p>	<p>AIRCRAFT LOG Model: PA46-500TP N606WC S/N: 4697176</p>	

AIRCRAFT LOG

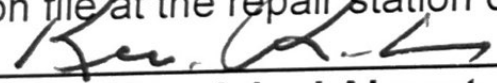
Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Page 2

Lubed flap tracks, roller and flap motor. Adjusted door seal at center line. Polished outer copilots' windshield out glass. Accomplished by Aviation Window Services. Checked AC system and serviced using MM 21-50-00. Replaced emergency extension spring with PN: 487-399 using MM 32-20-00. Replaced RH MLG tire with PN: 070-317-0 using 32-40-00. Checked gear alignment using 32-10-00. Adjusted RH MLG tire per 32-10-00. Removed, cleaned and reinstalled R&L brake calipers using 32-10-00. Replaced nose wheel bearings with PN: 08231 and PN: 08125 using 32-40-00. Replaced landing light lens with new PN: LSM-500-335-15. Replaced 2 post lights with new PN: 327 bulbs. **Accomplished 1 year engine mount bracket to firewall inspection/bolt retorquing using AMM, Chapter 71-20-00.**

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 # S005255 Researched THRU REV. 2023.01

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

Total To Carry Forward				
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Registration No. _____

and Remarks

Signature

Certificate No.

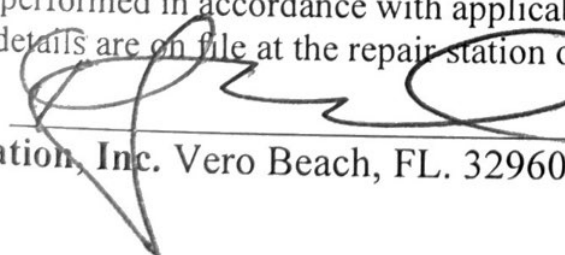
Date: 1/17/2023
Hobbs: 2306.4
WO#: A004290

Sun Aviation, Inc.
Avionics
Aircraft Log


A/C Reg#: N606WC
A/C Serial#: 4697176
A/C Model: PA46-500TP

- Removed standby altimeter PSI p/n 16450-1147 s/n 173370, standby AI Goodrich p/n 5040035925 s/n 504003592525215, and standby airspeed ind. Aerosonic p/n 25200-1160 s/n 276945. Removed stand by battery p/n 501-1682-01 s/n 1682 and stowed connector. Modified center instrument panel and fabricated cover and mounting plate for new standby instrument. Modified existing pitot static lines. Installed NEW L3 ESI500 Standby Indicator p/n 9200-15000-0101 s/n 1794 interfaced with existing avionics equipment and powered by existing ATT CB on main buss. Performed configuration, standby battery calibration, and ground checks without discrepancy. All work done following the guidance of L3 ESI500 IM 0040-15001-01, AML STC SA04046CH, and AC43.13 standard practices. This installation was evaluated and determined to be a MAJOR alteration. FAA Form 337 completed and filed as required. Aircraft weight and balance updated to reflect installation changes. FAA approved FMS from L3 ESI500 installed in Aircraft POH.
- Visually inspected Bendix ART2000 R/T and cleaned connector. Performed ground checks without discrepancy. REF: Piper PA46-500TP MM 767-005.
- Removed Bendix/King KMH820 Terrain Database Card p/n 071-00167-0101. Installed updated NEW Terrain Database Card p/n 071-00167-0201 Version 631 Rel. 23. Performed ground checks without discrepancy REF KMH820 IM 006-10609-0003.

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Signature:  FAA CRS ECWD470D
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AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Souther Field Aviation			
	Jan. 27, 2023 Hobbs: 2314.2			
	Installed new Michelin 6.00-6/8/160 tires on both main gear. Installed new Cleveland 164-07800 brake disc on both sides. Installed all new 088- 00100 isolators. Installed new 068-01100 shims on both sides. Replaced all puck o-rings on both calipers. Installed serviceable 073-01600 pressure plates. Installed all new 066-06200 linings. Bled bled air from both sides and serviced reservoir.			
	Mark Young		A&P 3350186	
				
Total To Carry Forward				

Registration No. _____

No.

SUN AVIATION, INC., Vero Beach, FL (VRB)

AIRCRAFT LOG

N606WC

Date: 05/08/2024

Hobbs: 2419.0

Model: PA46-500TP

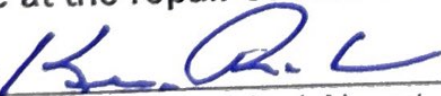
S/N: 4697176

ACTT: 2419.0

Accomplished an Event I & II Annual Airframe Inspection IAW FAR 43, Appendix "D", using the Piper PA46-500TP, Event I & II Inspection Checklist as a guide. C/W FAR 91.207, Para C and D, ELT Shock, Battery Due 10/2027. Verified FAR 91.411 and 91.413 ALT/TRSP Static Check next due 01/25. C/W Fire Extinguisher Weight Check per Piper SB1280A H3R fire extinguisher inspection. Accomplished Piper SL1135 control cable/pulley inspections. Accomplished Piper SL1131A aileron sector bearing lubrication. Accomplished SB1271A by inspecting spar & rivets. Accomplished SB1369 by inspecting elevator spar. Accomplished SB1280 by inspecting rudder bar assembly. Accomplished Piper SL1285C tire pressure maintenance. Accomplished Piper SL1286D nose landing gear steering components inspection/adjustment. Accomplished SL1297 by inspecting rudder tube assembly. Cleaned battery terminal and performed battery capacitance test per AMM, Chapter 24-30-00. Replaced battery quick disconnect with new PN: 4002 per AMM, Chapter 24-30-00. Replaced check valve with PN: 592-683 & PN: 686-208 & bulb on Pilots lumbar. Removed expansion valves & cleaned and reinstalled. Installed switch plate with new PN: 83654-012. Replaced drain placards with PN: 100700-017. Replaced fuel placards with PN: 100700-046. Replaced ground attach placards with PN: 100700-006. Replaced Left nav light bulb with PN: 34-0428070-64. Accomplished 2 Year/ 400 Hour fuel purge system inspection and cleaning using AMM, Chapter 71-70-00. Accomplished 1 Year engine mount bracket to fuselage inspection and bolt retorque per AMM, Chapter 71-20-00. Accomplished Piper SB1410 vertical stab improvement.

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Signature



CRS # ECWR470D

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

Date: 5/8/2024
Hobbs: 2419.0
WO#: A004517

Sun Aviation, Inc.
Avionics
Aircraft Log

A/C Reg#: N606WC
A/C Serial#: 4636176
A/C Model: PA46-500TP

- Removed #1 Garmin GNS530W p/n 011-1060-40 s/n 78409657 for repair. Installed **REPAIRED #1 GNS530W p/n 011-1060-40 s/n 78409657**. Performed configuration and ground checks without discrepancy. REF: Garmin GNS500 Series IM 190-00357-02 REV M.
- Removed Copilot Meggitt Engine Display Unit p/n 84-132-1 s/n 0344-005. Installed Customer Supplied AS **REMOVED** Copilot Engine Display Unit p/n 84-132-1 s/n 0110-002. Performed operation checks without discrepancy. REF: Piper PA46-500TP MM 767-005

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

Total To Carry Forward				