



Transport
Canada
Aviation

Transports
Canada
Aviation

TP3910E

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

Second Edition

January 1987

Canada

ENGINE LOG

1. Make
2. Model
3. Specification
4. Manufacturer's Serial Number
5. Date of Manufacture
6. Aircraft Inspection Cycle

Pratt & Whitney Canada Corp.

PT6A- 42A

B/S: 1181 E.T.C. E- 12

PCE- RM0186

DECEMBER 2003

THIS ENGINE SERVICED WITH
EXXON TURBO 2380
OIL AT THE PIPER FACTORY

Cycle Count As Of FEB 27 2004
Number of Cycles 7

[illegible]

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

MAINTENANCE RECORD

1

COMPLETE

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

NG/NO 35100 RPM, at 850 SHP/8V0

ITT Trim: 54.4 C°

T5 Trim Resistance: 19.7 Ohms

M. DUNCAN

(384)

T.C. 4-58
NO. 025

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

Date: 4/30/04

Hobbs: 62.1

TT: 62.1

Est. Cycles

Engine Log

Model: PT6A

SN: PCE-RM0186

N164DB

Aircraft SN: 4697176

GAS GENERATOR MODULE

Replaced Oil Pressure Transducer, installed (1) new PN 548-919/SN 1495472 and leak checked ok.
Installed repaired Tach Generator, PN 601-905REP/SN 273171, ops checked. Rigged Engine, as required,
safetied adjustments. Ran Aircraft and no ab-normalities noted at this time.

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 # 18700.

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

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

Date: 4/30/04

Hobbs: 62.1

TT: 62.1

Est. Cycles:

Engine Log

Model: PT6A

SN: PCE-RM0186

N164DB

Aircraft SN: 4697176

POWER SECTION MODULE

Replaced Oil Pressure Transducer, installed (1) new PN 548-919/SN 1495472 and leak checked ok.
Installed repaired Tach Generator, PN 601-905REP/SN 273171, ops checked. Rigged Engine, as required,
safetied adjustments. Ran Aircraft and no ab-normalities noted at this time.

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 18700.

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

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

BROUGHT FORWARD

ENGINE MODEL
ENGINE S/N
REG. NO. 164DB
WORK ORDER:
477-05-2004



Flightline Group, Inc.
3256 Capital Circle SW
Tallahassee, Florida 32310
Phone: 850-576-3515

DATE: 5/25/2004
A/C TSN: 74.8
ENG TT:
HOBBS: 74.8

Engine Entries

Removed and Replaced starter/generator model # 200SGL145Q s/n off 4952 s/n on 3865 all work done I/AW Piper M.M. and Aircraft Parts Corp. SB150SG114 and SL 134. Removed and Replaced auto ignition torque pressure switch p/n 588-046 s/n off 2594 s/n on 2755 all work done I/AW Piper M.M. Operational and leak check satisfactory.

Except as stated above, no other work, inspection, corrective action or determination of airworthiness has been made at this time.

DATE: 5/25/2004

SIGNED:

Joe Tamargo, A&P: 267615426

Work Order: 477-05-2004

Printed by EBis 3 (datcomedia.com)

N164DB

Date: 06/11/04

Piper PA46-500TP S/N 4697176



3256 Capital Circle SW Tallahassee, FL 32310 (850) 576-3515
Fred W. Davis, Director of Maintenance

HM 94.1

Replaced Ng tach generator P/N 601-905 S/N 286193 ops checks good.

Except as stated above, no other work, inspection, corrective action or determination of airworthiness was made at this time.

Scott Koenig
Scott Koenig

A&P298545794

Certificate Number

ENGINE MODEL: P&W
PTBA-42A
ENGINE S/N: PCE-RM0186
REG. NO. 164DB
WORK ORDER:
959-02-2005



Flightline Group, Inc.
3256 Capital Circle SW
Tallahassee, Florida 32310
Phone: 850-576-3515

DATE: 3/1/2005
Airframe TT: 250.2
ENG TT: 250.2
ENG TC:
HOBBS: 250.2

Engine Entries

C/W Engine annual inspection in accordance with Events 1 & 2 per Piper Meridian Maintenance Manual p/n 767-005 (rev 01/09/04) Chap. 05-20-00 pg. 7-31. Replaced engine driven fuel pump outlet filter. Replaced both ignitors p/n CH34055. Replaced starter/generator brushes p/n 200GL1009. Seat new brushes per MM. Adjusted A/C compressor & alternator drive belt tension. Cleaned engine. Operational and leak checks satisfactory. Performed engine performance recovery wash.

The aircraft, engine, propeller or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection and found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 3/1/2005

SIGNED:

Fred Davis, IA: 2832908

Work Order: 959-02-2005

Printed by EBis 3 (datcomedia.com)

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

CARRIED FORWARD

Chemical Analysis Report Results

Engine Model: PT6A-42A

Engine S/N: RM0186

Engine TTSN: 546.4

Maintainer: Muncie Aviation Company

Level of Aluminum, Magnesium and Tin has been determined by Inductively Coupled Plasma (ICP).

Element	Concentration (ppm)
Aluminum (Al)	31.1
Magnesium (Mg)	12.8
Tin (Sn)	0.4

Based on the results supplied by the lab, the levels found for Aluminum, Magnesium and Tin on this engine filter are:

X	ACCEPTABLE
	QUESTIONABLE – CAUTION REQUIRED
	ABNORMALLY HIGH – WARNING ADDRESSED

MAINTENANCE RECORD

2

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

12-29-05 413.2 Hobbs and Total time. Removed fuel nozzles for cleaning. Reinstalled nozzles after cleaning by Standard Aero Inc. Using new O-rings and gasket rings. Removed Ignitors. Installed new CH34055 Ignitors. Removed propeller. Removed propeller. Removed propeller shaft seal. Installed new 3114661-01 Seal. Two new 3114351-01 strips and one new 3116679-01 gaskets. Reinstalled propeller with new spring and subrider. Removed forward oil pressure tube. Installed new 3021583 tube using new O-rings. Removed both oil cooler hoses. Installed new part number 566-371 and 566-372 hose assemblies. Inspected and cleaned oil filter and reinstalled. Inspected and reinstalled B filter. Inspected, cleaned, reinstalled fuel pump inlet filter. Replaced fuel pump outlet filter. Inspected and tested chip detector. Inspected reduction gearbox screen. Performed compressor wash and turbine wheel rinse. Serviced engine with 4qt's BP 2300 turbine oil. Test run and leak check okay.

I certify this Engine

has been inspected in
accordance with a Even IPI
inspection and was determined
to be in airworthy condition.

Signed [Signature]
AP274848997 IA

Hobbs Time 413.2
Tach Time
Time Since Overhaul
Total Time 413.2
Date 12-29-05
Calendar Time
AD's Checked Thru 2005-26

*****MUNCIE AVIATION CO. CRS#AJVR135C*****

N606WC DATE 11/29/2006 TSN 546.4
C/W P&W SIL PT6A-110 oil and filter sample, Sent in
returned as acceptable, Replaced filter P#3059258-01
Ground checked and run-up Ok
will wait until Annual to do SB3426 scavenge line
replacement and new Engine mount supplied at no
cost from Piper

Make Meridian Ser.No. 4697176
Model PA46-500TP Reg. Mark N606WC
The aircraft/component identified above was repaired
inspected in accordance with current Regulations of the
Federal Aviation Administration and found airworthy, and
is approved for return to service for work performed
Pertinent details of the repair are on file at the agency
Work Order Number 18428 Date 11/29/2006
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE, IN 47308 765-289-7141

MAC

ENGINE SERVICE AND

*****MUNCIE AVIATION CO.CRS#AJVR135C*****

C/W 50,200 Hr.30 day & 1 Year specials

N606WC Date 2/1/2007 A/C 584.1 Hrs. TT 320 Cycles

- 1)Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.
- 2)C/W compressor Wash and T-Wheel Rinse IAW P&W Service manual,
- 3)C/W P&W SB3426 Scavenge Tube Replacement per instructions and Parts supplied
- 4)C/W Piper SB1154A Engine mount replacement using new 102246-036 using kit# 767-515
- 5)Installed new Starter Generator Drive seal and "O"ring
- 6)Replaced A/C Belt and Standby Gen. Belt P#73965-024 & 73965-023
- 7)Replaced Auto start Hold module P#602-535

Ground check and Run-up Ok



I certify that this Engine has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition.

Repair Station No. AJVR135C

Make P&W Ser.No PCE-RM0186

Model PT6A-42A Reg.Mark N606WC

The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service. Pertinent details of the repair are on file at the Agency.

Work Order No. 78477 Date 2/1/2007

Signed [Signature] Inspector for

MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141



*****MUNCIE AVIATION CO.CRS#AJVR135C*****

C/W 50,300,600 Hr.30,60,90 day and 1 year Specials

N606WC Date 1/23/2008 A/C 734.4 Hrs. TT 407 Cycles

Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.

C/W Compressor wash and T-Wheel rinse, C/W insitu Fuel nozzle cleaning ref P&W MM

Inspected Oil filter Checked Ok, Verified Ignitor plug operation Ok

See AD Listing for Details

Ground check and run-up Ok



I certify that this Engine has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition.

Repair Station No. AJVR135C

Make P&W Ser.No PCE-RM0186

Model PT6A-42A Reg.Mark N606WC

The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service. Pertinent details of the repair are on file at the Agency.

Work Order No. 79212 Date 1/23/2008

Signed [Signature] Inspector for

MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141



TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

CARRIED FORWARD

230

DAYTON INTERNA
3530 HANGAR DR
VANDALIA, OH 4

CUST NO.

555850

SERIAL NO.

PCERM0186

REC. REPORT NO.

REASON FOR REMOV

DISPOSITION OF

TT

996.9

BUILD TO: MIN H

BUILD TO: MIN C

A/C Registratio

A/C Serial No

Foreign Cert. I

User: BCRAIG

Receive Fuel

P&W mainten

administrator

Estimate not

Return compo

CUSTOMER INST

BILL TO 555

DATE

03/08/2010

230
DAYTON INTERNATIONAL AIRPORT
3530 HANGAR DR., BLDG. 3A
VANDALIA, OH 45377

DallasAirmotive

BBA Aviation

ORDER#: RPR20188
LINE : 1
CERTIFICATION NO.
FAA : YRR1491L
PARENT WO#: 993995

COPY

CUST NO. 555850		PROPERTY OF: MUNCIE AVIATION CO.		CUSTOMER PO: 70054		DATE RECV'D 03/04/2010	
SERIAL NO. PCERM0186		PROD LINE 20	ENGINE TYPE PT6		MODEL PT6A-42 ENGINE		
REC. REPORT NO.		TYPE OF WORK		PART NUMBER PT6A-42 ENGINE	PART NAME PT6A-42 ENGINE		QTY 1.00
REASON FOR REMOVAL					PREMATURE No		PREV. WO. NO
DISPOSITION OF SCRAP PARTS					STAND NO.		
TT 996.9		TSO TBA		TSR TBA	CSN 996	CSO TBA	CSR TBA
BUILD TO: MIN HRS.		COST EST. REQ		WRNTY. INVESTIGATION		WARRANTY TYPE	
BUILD TO: MIN CYCLES		LOG BOOK RECEIVED No		MARKETING AUTHORIZATION J OWENS		ACCOUNT TYPE CORPORATE	
A/C Registration No.		A/C Engine Position			A/C Model No		
A/C Serial No		A/C Total Landings			A/C Total Time		
Foreign Cert. Required		TBO Extension NO			Rental Supported NO		
WORK TO BE PERFORMED/SERVICE							

User: BCRAIG

Date: 03/08/2010 14:52:26

Receive Fuel Nozzle Set reference Rec. Doc. #284422 for routine Inspection and Repair with reference to P&WC maintenance Manual p/n 3021442 Rev. 43 dated 6/26/10 and other data and methods acceptable to the administrator.

Estimate not required.

Return components after repair to Customer reference Packing List #D56312.

CUSTOMER INSTRUCTIONS:

SHIPPING INSTRUCTIONS:

MUNCIE AVIATION CO.
MUNCIE AIRPORT
P.O. BOX 1169
MUNCIE, IN 47305
USA

BILL TO 555850 MUNCIE AVIATION CO.

DATE 03/08/2010	TIME 14:53:00	DATE W.O. COMPLETED 3/8/10
--------------------	------------------	-------------------------------

1. Approving National Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: RPR20188	
4. Organization Name and Address <i>DallasAirmotive.</i> Dallas Airmotive, Inc. Dayton International Airport, 3530 Hangar Drive #3A Vandalia, OH 45377				5. Work Order/Contract/Invoice Number: RPR20188			
6. Item	7. Description:	8. Part Number	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	Fuel Nozzle Set for PT6A-42A PCE RM0186	As Listed	N/A	As Listed	N/A	REPAIRED	
13. Remarks TT: 993.9 TSO: New CSN: 996 CSO: New Inspected and repair Fuel Nozzle Manifold Set consisting of 14 ea. Fuel Nozzles, p/n 3019424 in 7 ea. Primary Adapters p/n 3100456-03, 6 ea. Secondary Adapters p/n 3100458-03, 1 ea. Inlet Adapter p/n 3100453-03 with 14 ea. Nozzle Sheaths p/n 3119920-01 with reference to P&WC Maintenance Manual p/n 3021442 Rev. 43 dated 6/26/09 and other data and methods acceptable to the administrator. Details on file at this Repair Station under work order/s referenced in block 3 & 5 Inspector: William A. Craig Date: 8 March 2010							
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 15				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: YRR1491L	
17. Name (Typed or Printed):		18. Date (d/m/y):		22. Name (Typed or Printed): William A. Craig		23. Date (d/m/y): 8 March 2010	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1 Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

*****MUNCIE AVIATION CO.CRS#AJVR135C*****

C/W 50 Hr.30,60,90 day and 1 year Specials
N606WC Date 2/2/2009 A/C 860.2 Hrs.TT 509 Cycles
Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.
C/W Compressor wash and T-Wheel rinse,C/W insitu Fuel nozzle cleaning ref P&W MM
Inspected Oil filter Checked Ok,Verified Ignitor plug operation Ok,Replaced BETA Brush Block
See AD Listing dated 2/2/2009 for Details
Ground check and run-up Ok



C/W Trend Group Requests Ng system checked
No discrepancies noted
ITT Sytem Checked Normal within limits

I certify that this Engine has been inspected in
accordance with a Annual Inspection and was
determined to be in airworthy condition.
Repair Station No. AJVR135C
Make P&W Ser.No PCE-RM0186
Model PT6A-42A Reg.Mark N606WC
The aircraft/component identified above was repaired
and inspected in accordance with current Regulations of
Federal Aviation Agency,approved for return to service
Pertinent details of the repair are on file at the Agency
Work Order No. 79864 Date 2/2/2009
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE,IN 47308 765-289-7141



*****MUNCIE AVIATION CO.CRS#AJVR135C*****

C/W 50 Hr.30,60,90 day and 1 year Specials
N606WC Date 3/11/2010 A/C 996.9 Hrs.TT Cycles
Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.
C/W Compressor wash and T-Wheel rinse,Removed Fuel nozzles sent to Dallas Airmotive for Flow check
Received nozzles back reinstalled using new gaskets and "O"rings,Torqued and saftied
Borescoped Engine using guide tube PWC34910-400 IAW P&W MM Chapter 72-00-00
Installed Two new Ignitor Plugs P/N CH34055,Installed new BETA switch P/N CA3044
Tightened Alternator Belt as needed and saftied
See AD Listing dated 3/10/2010 for Details
Ground check and run-up Ok



I certify that this Engine has been inspected in
accordance with a Annual Inspection and was
determined to be in airworthy condition.
Repair Station No. AJVR135C
Make P&W Ser.No PCE-RM0186
Model PT6A-42A Reg.Mark N606WC
The aircraft/component identified above was repaired
and inspected in accordance with current Regulations of
Federal Aviation Agency,approved for return to service
Pertinent details of the repair are on file at the Agency
Work Order No. 70640 Date 3/11/2010
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE,IN 47308 765-289-7141



MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE

*******MUNCIE AVIATION CO.CRS#AJVR135C*******



BROUGHT
FORWARD

N606WC Date 4/14/2011 A/C 1045.4 Hrs.TT ____ Cycles

Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.

C/W Compressor wash and T-Wheel rinse per Chapter 71-00-00

C/W Insitu Method of Fuel Nozzle Flow per P&W MM Chapter 71-00-00

Checked Ignitors ops checked ok

C/W 1000 Hr P-3 Filter Replacement

C/W 1000 Hr Oil Filter Replacement

C/W 8 Year Flexible Bleed Air Hoses

See AD Listing dated 4/11/2011 for Details

Ground check and run-up OK

I certify that this Engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.

Repair Station No. AJVR135C

Make P&W Ser.No PCE-RM0186

Model PT6A-42A Reg.Mark N606WC

The aircraft/component identified above was repaired and inspected in accordance with current Regulations of

Federal Aviation Agency, approved for return to service

Pertinent details of the repair are on file at the Agency

Work Order No. T1311 Date 4/14/2011

Signed [Signature] Inspector for

MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141



TIFFIN AIRE

N606WC

Engine Log

Date 07/13/2011

Hobbs 1064.6

Total Time 1064.6

Cleaned corrosion off of inlet case at lower 6 o'clock position, and center 6 o'clock position. Treated with chrome pickle solution, primed and painted per Pratt and Whitney manual 3021442 chapter 72-20-00. Removed Np tachometer drive seal and carrier. Installed new 3022374 seal and AS3209-026 O-ring. Performed compressor performance recovery wash and rinse. Treated inlet case with Procyon.

Work Performed by Tiffin Aire, Inc

Signature

[Signature]

3274428AP

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

N#: **N606WC**

Ser. #: **4697176**

Eng TT: **1068.9**

Date: **08-11-2011**

Hobbs: **1068.9**

ACTT: **1068.9**

Completed Annual insp. per FAR 43, app. D using Piper forms for Event #1 & #2 insps from chapt. 5 of the MM as a guide. added 1 qt. of BP2380 oil. Adjusted Manual Override rigging per maint. manual. Engine ground runup and functional check satisfactory with no fuel or oil leaks noted. I certify that this engine has been inspected in accordance with an Annual insp. and was determined to be in airworthy condition.

[Signature]

John E. Sheehan A+P 3439269 IA

TOTAL THIS PAGE

TOTAL FROM

MAINTENANCE RECORD

4

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

04/6/12 Hobbs 1107.6 hrs. C/w compressor wash/Rince
T. 3283548A

Piper

>>CUTTER>>
Leading the Business of Aviation

ENGINE RECORD
ENTRY

Registration	N606WC
Model No.	PA46-500TP
Serial No.	4697176
Engine M/N	PT6A-42A
Engine S/N	PCE-RM0186

Cutter Aviation San Antonio, Inc.
367 Sandau Rd.
San Antonio, Texas 78216
FAA Repair Station No. U7TR491Y
Phone (210) 384-3388 Fax (210) 384-3394

Hour Meter	1107.8
Total Time	1107.8
Cycles	

Page 1 of 1

1. COMPLIED WITH A 100 HOUR INSPECTION USING THE PA46-500TP MAINTENANCE MANUAL CHAPTER 5-20-00 EVENT 1 AND 2 INSPECTION CHECKLISTS AS A GUIDE.
2. PERFORMED 100 HOUR COMPRESSOR AND TURBINE WASHES IAW PRATT AND WHITNEY PT6A-42A MM CHAPTER 71-00-00.
3. PERFORMED BORESCOPE INSPECTION OF HOT SECTION COMPONENTS AND DETERMINED ALL COMPRESSOR TURBINE BLADES HAVE STAGE ONE SULPHIDATION. NO OTHER DEFECTS NOTED. REINSTALLED FUEL NOZZLES USING NEW SEALS AND GASKETS. LEAK CHECKED GOOD.
4. INSTALLED NEW O RINGS P/N'S AS3209-017 AND AS3209-114 ON EXTERNAL OIL PRESSURE TUBE FROM "C" FLANGE FORWARD. LEAK CHECKED GOOD. WORK ACCOMPLISHED IAW P&W PT6A-42A MM CHAPTER 79-20-01.
5. INSTALLED NEW ACCESSORY GEARBOX BOX CHIP DETECTOR P/N 3045951-02, S/N ABR019 IAW P&W PT6A-42A MM CHAPTER 72-10-00. LEAK CHECKED GOOD.
6. COMPLIED WITH 600 HOUR REPLACEMENT OF FUEL PUMP OUTLET FILTER. LEAK CHECKED GOOD.
7. COMPLIED WITH 600 HOUR INSPECTION AND CLEANING OF FUEL PUMP INLET FILTER. LEAK CHECKED GOOD.
8. COMPLIED WITH 12 MONTH/100 HOUR BRIDGE AND CONTINUITY CHECKS OF MAGNETIC CHIP DETECTORS IAW PRATT AND WHITNEY PT6A-42A MM CHAPTER 72-00-00. NO DEFECTS NOTED.
9. COMPLIED WITH 100 HOUR STATIC INSPECTION OF MANUAL OVERRIDE SYSTEM. NO DEFECTS NOTED.

I CERTIFY THAT A 100 HOUR INSPECTION HAS BEEN PERFORMED ON THIS ENGINE IN ACCORDANCE WITH FAR 43 APPENDIX D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under **Work Order: 11M-1974**

Date: 8-17-2012

Authorized Signature

Tom Bierschwald

TOM BIRSCHWALE

06/17/2013, Hobbs 1113.6 C/w compressor wash/Rince
T. 3283548

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE

BROUGHT
FORWARD

Shoreline
AVIATION

Shoreline Aviation, Inc.
Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

10/1/2013

N606WC

PA46-500TP, serial # 4697176

Engine Logbook

Hobbs Hours: 1119.0 :: Aircraft TT: 1119.0 :: Engine TT: 1119.0 :: Prop. TT: 1119.0 :: Prop. TSMOH: 54.4
Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 1) Borescope inspection of C.T. Blades completed and no change was noted to the existing Stage 1 sulphidation.
- 2) Compressor and CT blades water washes/rinses completed.
- 3) Engine air inlet area inspected for corrosion with none noted - LPS Procyon corrosion preventative coating reapplied where necessary.
- 4) Engine idle speed set to 64.7% per Piper Service Letter 1155 and the engine maintenance manual.
- 5) Alternator and air conditioning belt tensions reset to proper settings per the airplane maintenance manual.
- 6) Ground runup and functional checks satisfactory with no fuel or oil leaks noted.

I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

Edward J. Novak Jr.

Edward J. Novak Jr. A+P 2832024 IA

Shoreline
AVIATION

Shoreline Aviation, Inc.
Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

10/29/2013

N606WC

PA46-500TP, serial # 4697176

Engine Logbook

Hobbs Hours: 1128.2

Completed compressor water wash and compressor turbine water wash per PT6A-42A engine maintenance manual.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

Edward J. Novak Jr.

Edward J. Novak Jr. A+P 2832024 IA

Shoreline
AVIATION

Shoreline Aviation, Inc.
Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

1/20/2014

N606WC

PA46-500TP, serial # 4697176

Engine Logbook

Hobbs Hours: 1169.0

Completed compressor and compressor turbine water washes.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

Edward J. Novak Jr.

Edward J. Novak Jr. A+P 2832024 IA

TOTAL THIS PAGE

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PREVIOUS SUMMAR

TOTAL
SINCE MFG.

ENTRIES.

11/4/2014

N606WC

PA46-500TP, serial # 4697176

Engine Logbook

LICENCE
NUMBER

Hobbs Hours: 1254.7 :: Aircraft TT: 1254.7 :: #1 Engine TT: 1254.7 :: Prop. TT: 1254.7 :: Prop. TSMOH: 190.1 :: Engine CSN: 1254

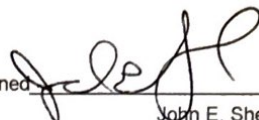
Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 1) Completed compressor performance recovery wash and compressor turbine water wash per engine maintenance manual.
- 2) Engine air inlet case inspected for corrosion and none was noted. Recoated with LPS Procyon where necessary.
- 3) Ground runup and functional checks satisfactory with no fuel or oil leaks noted.

I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed



John E. Sheehan A+P 3439269 IA

8/4/2015

N606WC

PA46-500TP, serial # 4697176

Engine Logbook

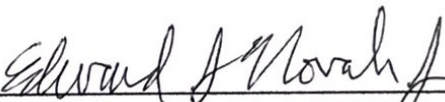
Hobbs Hours: 1355.8

Completed compressor and compressor turbine water washes per engine maintenance manual instructions.

The above work was completed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed



Edward J. Novak Jr. A+P 2832024 IA

12/1/2015

N606WC

PA46-500TP, serial # 4697176

Engine Logbook

Hobbs Hours: 1393.3 :: Aircraft TT: 1393.3 :: #1 Engine TT: 1393.3 :: Prop. TT: 1393.3 :: Prop. TSMOH: 328.7

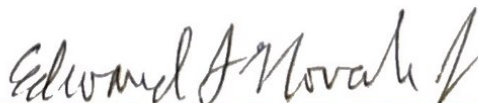
Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 1) Completed compressor performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) C/W Pratt & Whitney SB 3465 to the torqu limiter - no looseness noted - no further actions is required.
- 3) R+R fuel nozzles after recert. By Prime Turbines as shown on the attached 8130-3 form. Borescope check of CT blades completed per maintenance manual instructions - stage 1 sulphidation noted to some CT blades but is essentially unchanged from the last check - OK to remain in service.
- 4) R+R beta block with anew unti (part # 758-735).
- 5) Ground runup and functional checks were satisfactory with no fuel or oil leaks noted.

I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed



Edward J. Novak Jr. A+P 2832024 IA

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 2

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 Annual Inspection per 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. Performed first stage compressor F.O.D. inspection per P&WC PT6A-42A M.M. P/N: 3021442 chapter 72-30-05, found to be satisfactory.
3. Performed compressor desalination wash in accordance with P&WC PT6A-42A M.M. P/N: 3021442 chapter 71-00-00 and **Piper SL 1110A**.
4. Performed T5 internal loop and insulation resistance checks in accordance with P&WC PT6A-42A M.M. P/N: 3021442 chapter 77-20-01.
5. Complied with minor, routine and 100 hour inspection items per P&WC PT6A-42A M.M. P/N: 3021442 chapter 72-00-00 Table 601.
6. Complied with **Piper SB 1296**, Fuel control unit manual override inspection. Performed static and running check of MOR per **P&WC Alert SB No. A3487**. Found opertional and travel checks satisfactory. No further action required.
7. Obtained oil sample and oil filter rinse patch for analysis.
8. Removed and replaced right igniter with new, P/N: CH34055.
9. Applied Procyon corrosion inhibitor to compressor in let in accordane with P&WC PT6A-42A M.M. P/N: 3021442 chapter 72-00-00.
10. Applied red torque stripe to engine shock mounts hardware in accordance with P&WC PT6A-42A M.M. P/N: 3021442 chapter 71-20-00.

-----CONTINUED-----

Engine Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 2

11. Performed post inspection engine ground runs, operational and leak checks satisfactory.

-----END-----

WO NO.

MWO-16-5234/5235

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 Engine 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: 1456.9Signature: 

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

Date: 11/18/16

ENGINE LOG

N606WC

Hobbs: 1388.5

Model: PA46-500TP

S/N: 4697176

Applied Procyon to the engine inlet per P&W PT6A-42A MM 72-00-00. Replaced tube from P3 tube to EPA inlet, installed P/N 83744-251 per PA46-500TP MM 71-70-00. Safetied bleed air clamps per Piper PA46-500TP MM 21-30-00. Removed bleed air adapter and reworked adapter flange, reinstalled bleed air adapter with new gasket, installed P/N 3025538 per PA46-500TP MM 71-00-00 and P&W SB3441. Rerouted breather hose and installed clamps P/N MS21919WCH18 and 554-701 per PA46-500TP MM 71-70-00. Replaced inlet screen, installed P/N 3072234-01 per P&W PT6A-42A MM 72-20-00. Replaced compressor wash ring spacer, installed P/N MS9321-00. Replaced ignition lead support bracket, installed rerouted breather hose per PA46-500TP MM 71-70-00. Adjusted forward beta rigging nd NP reset per PA46-500TP MM 76-10-00. Set idle per Piper SL1155. Replaced spacer and galled bolt, installed spacer P/N 3009087 and bolt P/N 3013166. Replaced prop deice brush block, installed P/N 3E2320-3 per PA46-500TP.

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

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

Date: 02/03/17

ENGINE LOG

N606WC

Hobbs: 1504.3

Model: PA46-500TP

S/N: 4697176

Removed starter/generator and sent to Aerotech of Louisville for overhaul, installed overhauled P/N 200SGL145Q SN 7576 per Piper PA46-500TP MM 21-30-00. Replaced igniters, installed P/N CH34055 per P&W PT6A-42A MM 74-20-00.

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

ENGINE SERVICE AND

DATE: SUN AVIATION, INC., Vero Beach, FL (VRB)
 Date: 11/01/17 ENGINE LOG
 Hobbs: 1668.3 Model: PT6A-42A
 Eng TT: 1668.3 S/N: PCE-RMO186
 ACTT: 1668.3

N606WC
 S/N: 4697176

PLETE

BROU
 FORW.

Accomplished an Event I & II Annual Engine Inspection per Piper PA46-500TP Event I & II Maintenance Manual as a guide. C/W Compressor inlet and CT wash per P&W PT6A-42A MM 71-00-00. Piper SL1155 ground idle adjustment. Accomplished 600 hour HP fuel outlet filter replacement per P&W -42A MM 73-10-02. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&W -42 MM 73-10-02. Accomplished Piper SB1296 fuel control unit manual override inspection-Pratt & Whitney Canada SB A3487. Accomplished VSP257 per P&WC SB3490 the torque limiter air pressure tube assembly, installed P/N's MS9592-062, MS9914-06, ST2231-04 and 3012675. Replaced breather hose, installed P/N 566-705 per PA46-500TP MM 71-70-00. Replaced hardware on aft top cowling, installed P/N's AN3-3A, AN960-10, AN960-10L and MS21042-3. Replaced aft top cowl chaffe tape. Replaced beta block assembly, installed P/N CA3044 per PA46-500TP MM 61-10-00. Applied Corrosion X on RGB per P&W PT6A-42A MM 72-00-00. Applied Procyon per P&W PT6A-42A MM 72-00-00. Reworked breather adapter and installed with new gasket P/N 54026-000 per PA46-500TP MM 71-00-00. Tensioned AC compressor and alternator belts per PA46-500TP MM 21-50-00 and 24-30-00. Removed QAD, garloc seal assembly and cleaned gear shaft, installed a new seal assembly P/N 3059046-01 per P&W PT6A-42A MM 76-60-00. Replaced right hand igniter, installed P/N CH34055 per P&W PT6A-42S MM 74-20-00. Performed a hot section inspection by removing hot section components and sent to P&W Atlanta for inspection see P&W WO# 201474-RMO185-HSI, installed P/N's CT disc P/N 3049978-01 SN A001EB54, CT stator assembly P/N 3045671CL01 SN H130, #2 bearing flange P/N 3116047-01, lock plate SN 3024831, #2 per P&W PT6A-42A 72-00-00 Sect II and table 603 bearing cover P/N 3115924, baffle P/N 3115212-01 SN 23/15 and blade turbine P/N 3123131-02, outer liner P/N 3055667-01 SN 64N858 and inner liner P/N 3114842-01 SN 65N968 per P&W PT6A-42A 72-00-00 Sect II and table 603. Rigged beta controls per PA46-500TP AMM 76-10-00. Accomplished 500 hour oil scavenge screen inspection per P&W PT6A-42A MM 72-60-00. Accomplished 6 year FCU mid life inspection by sending to International Governor Services for repair, installed repaired P/N 4138014-1 SN C82002 per P&W PT6A-42A MM 73-20-00 and adjusted per PA46-500TP MM 76-10-00. Replaced two fuel nozzle transfer tubes, installed P/N 3011155.

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

Souther Field Aviation Inc

Jan 15, 2018

N606WC

Hobbs 1724.4

Performed compressor turbine water wash and rinse. Removed flow divider s/n 4763 and installed overhauled flow divider s/n 9959514392 using new o-rings. Ground ran engine and check for leaks. None noted at this time.

Paul Pearson A&P 2829612



Souther Field Aviation Inc

Feb 26, 2018

N606WC

Hobbs 1740.5

Performed compressor inlet and power turbine wash and rinse. As per Pratt & Whitney MM.

Paul Pearson A&P 2829612



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TOTAL
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MAINTENANCE RECORD

7

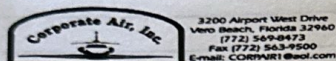
REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

Souther Field Aviation Inc.
June 26, 2018 N606WC Hobbs 1,782.1
Performed water wash on compressor and compressor turbine.
Robert Sturgeon A&P 3637120 *Robert Lee Sturgeon*

Souther Field Aviation Inc.
Aug 3, 2018 N606WC Hobbs 1,797.8
Performed compressor and compressor turbine water wash.
Paul Pearson A&P 2829612 *Paul Pearson*



DATE	1/1/2019	N#	606WC	A/C S/N	4697176
HM	1853.3	TT	1853.3	TSHSI	185

COMPLIED WITH EVENT I AND II INSPECTION IAW FAR 43 APPENDIX "D", AND USING PA46-500TP
EVENT I AND II CHECKLIST AND PRATT AND WHITNEY MM AS A GUIDE. C/W COMPRESSOR AND CT
WASH, INSTALLED NEW IGNITORS P/N CH34055, TESTED IGNITION SYSTEM OPS CHECK OK, CHECKED
STARTER GENERATOR BUSHES FOUND WITHIN LIMITS, REPLACED FUEL FILTER WITH NEW. LUBED
ALL CONTROLS, TEST RAN ENGINE OPS CHECK OK.

I CERTIFY THAT THIS ENGINE 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 *[Signature]* A&P3315530IA



DATE	2/6/2020	N#	606WC	A/C S/N	4697176
HM	2035	TT	2035	TSHSI	366.7

COMPLIED WITH EVENT I AND II INSPECTION IAW FAR 43 APPENDIX "D", AND USING PA46-500TP
EVENT I AND II CHECKLIST AND PRATT AND WHITNEY MM AS A GUIDE. C/W COMPRESSOR AND CT
WASH, TESTED IGNITION SYSTEM OPS CHECK OK, CHECKED STARTER GENERATOR BRUSHES FOUND TO
BE WITHIN LIMITS, REPLACED FUEL FILTER WITH NEW. C/W 400 HR FUEL NOZZLE CLEANING AND FLOW
CHECK, PERFORMED BY SOUTHEAST TURBINES. REINSTALLED NOZZLES WITH NEW GASKETS AND
O-RINGS. REPLACED OIL FILTER WITH NEW 3034292WFC, REPLACE P3 AIR FILTER WITH NEW. CHANGED
OIL SERVICED WITH 9QTS BP2380, REMOVED CHIP DETECTOR FOUND CLEAN. REPLACED ALL FLEX
HOSES NEXT DUE IN 8 YEARS OR 1000HRS. STARTER GENERATOR OVERHAUL DUE AT 2504.
RESEARCHED AD NOTES THUR 2020-3 NONE APPLY AT THIS TIME.

I CERTIFY THAT THIS ENGINE 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 *[Signature]* A&P3315530IA

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 03/05/21 Hobbs: 2120.8 Eng TT: 2120.8 ACTT: 2120.8	ENGINE LOG Model: PT6A-42A S/N: PCE-RMO186	N606WC S/N: 4697176
BROUGHT FORWARD	<p>Accomplished an Event I & II Annual Engine Inspection per Piper PA46-500TP Event I & II Maintenance Manual as a guide. C/W Compressor inlet and CT wash per P&W PT6A-42A MM 73-10-02. 71-00-00. Accomplished 600 hour HP fuel outlet filter replacement per P&W -42A MM 73-10-02. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&W -42 MM 73-10-02. Accomplished Piper SB1296 fuel control unit manual override inspection-Pratt & Whitney Canada SB A3487. Removed starter/generator and sent to Aerotech of Louisville, installed overhauled P/N 200SGL145Q SN 7576 per MM 24-30-00. Replaced prop shaft seal gaskets and retainers, installed P/N's 3075812-01, 3075814-01, 3114661-01 and 3116679-01per P&W PT6A-42A MM 72-10-00 and PA46-500TP MM 61-10-00. Replaced two igniters, installed P/N CH34055 per P&W PT6A-42A MM 74-20-00. Applied corrosion inhibitor to compressor case inlet per P&W PT6A-42A MM PN 3021442 72-00-00. Retensioned AC compressor and alternator belt s per MM 21-50-00 and 24-30-00. Accomplished 500 hour oil scavange screen RGB inspection and cleaning. Accomplished 1000 hour tach generator overhaul by replacing N1 and Np tach generators with new, installed P/N 32005-007 SN 318089 and SN 318088 per MM 77-10-00. Accomplished 1000 hour oil filter replacement, installed PMA P/N 7579431AM per MM 79-20-00. Replaced beta block assembly, installed P/N A3026 per MM 61-10-00. Accomplished P&W SB3501 fuel oil heater replacement, installed overhauled P/N 10994A SN WA47839 per MM 73-10-01. Accomplished Pratt MM 72-00-00 12. L(3) (C) within the next 25 hours.</p> <p>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</p>		
	Signature <i>[Signature]</i>	CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257	

SUN AVIATION, INC., Vero Beach, FL (VRB)
Date: 02/15/22 ENGINE LOG N606WC
Hobbs: 2229.6 Model: PT6A-42A S/N: 4697176
Eng TT: 2229.6 S/N: PCE-RMO186
ACTT: 2229.6

Accomplished an Event I & II Annual Engine Inspection per Piper PA46-500TP Event I & II Maintenance Manual as a guide. C/W Compressor inlet and CT wash per P&W PT6A-42A MM 71-00-00. Accomplished 600 hour HP fuel outlet filter replacement per P&W -42A MM 73-10-02. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&W -42 MM 73-10-02. Accomplished Piper SB1296 fuel control unit manual override inspection-Pratt & Whitney Canada SB A3487. Applied Corrosion X corrosion inhibitor to engine case inlet per P&W PT6A-42A MM 72-00-00. Replaced beta brush block assembly, installed P/N CA3026 per PA46-500TP MM 61-10-00. Retensioned alternator and AC compressor belts per Piper PA46-500TP MM 21-50-00 and 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 # S004910 Researched THRU REV. 2022.03

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

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

Date: 01/16/2023

Hobbs: 2306.4

Eng TT: 2306.4

ACTT: 2306.4

ENGINE LOG

Model: PT6A-42A

S/N: PCE-RMO186

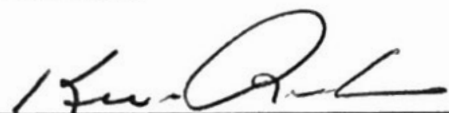
N606WC

S/N: 4697176

Accomplished an Event I & II Annual Engine Inspection per Piper PA46-500TP Event I & II Maintenance Manual as a guide. C/W Compressor inlet and CT wash per P&W PT6A-42A MM 71-00-00 performance recovery. Accomplished 600 hour HP fuel outlet filter replacement per P&W -42A MM 73-10-02. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&W -42 MM 73-10-02. Accomplished Piper SB1296 fuel control unit manual override inspection-Pratt & Whitney Canada SB A3487. Installed new breather gasket PN: 54026-000 using PA46-500TP MM, Chapter 71-00-00. Retensioned alternator and AC belt per AMM, Chapter 21-50-00 and 24-30-00. Applied Corrosion X corrosion inhibitor to engine case inlet per P&W PT6A-42A MM 72-00-00. Replaced beta brush block assembly, installed P/N CA3026 per PA46-500TP MM 61-10-00. **Accomplished 300 hour starter/generator brushes inspection 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 # S005255 Researched THRU REV. 2023.01

Signature



CRS # ECWR470D

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

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

Date: 05/08/2024

Hobbs: 2419.0

Eng TT: 2419.0

ACTT: 2419.0

ENGINE LOG

Model: PT6A-42A

S/N: PCE-RMO186

N606WC

S/N: 4697176

Accomplished an Event I & II Annual Engine Inspection per Piper PA46-500TP Event I & II Maintenance Manual as a guide. Accomplished Compressor inlet and CT wash per P&W PT6A-42A MM 71-00-00. Accomplished 600 Hour HP fuel pump outlet filter replacement using P&W PT6A-42A MM, Chapter 73-10-02. Accomplished 600 Hour HP fuel pump inlet screen cleaning and inspection using P&W PT6A-42A MM, Chapter 73-10-02. Accomplished Piper SB1296 By performing P&W SB A3487 Manual override inspection accomplishment instructions. Retensioned A/C compressor and alternator belts using AMM, Chapter 21-50-00 and 24-30-00. Removed and reinstalled PN: 4138014-1 SN: C-82002 FCU for 6 year overhaul by Pratt & Whitney Canada. Applied corrosion and corrosion inhibitor per application instructions to case inlet per P&W PT6A-42A MM, Chapter 72-00-00. Replaced R/L igniters with new PN: CH34055 (2) per AMM, Chapter 74-20-00. Replaced beta brush block PN: CA3026 per AMM, Chapter 61-10-00. Accomplished 400 hour cleaning and flow (function) test of fuel nozzles per P&W PT6A-42A MM, 73-10-05. Performed a borescope inspection of the hot section components using P&W PT6A-42A MM, Chapter 72-00-00. Removed flow divider. Installed an overhauled fuel Nozzle flow Divider using Pratt & Whitney PT6A-42A EMM 73-10-04.

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 # S005606 Researched THRU REV. 2024.08

Signature



CRS # ECWR470D

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