

Volume #: 1

Opened on: 17 AUG 2006

NSN: 0052-00-012-9005

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.

2. Type/Model/Series PT6A-42A B/S: 1192

3. Serial Number PCE-RM0295

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

CYCLE COUNT AS OF OCT 13 2006

NUMBER OF CYCLES 8

*Installer must cross-check eligibility with applicable technical data

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
17 AUG 2006	0.0	0.0	0	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation

Date: 7/20/2007; Aircraft: N1061T; Type: PIPER MERIDIAN; S/N: 4697274; Hobbs: 171.4; Total Time: 171.4;
Engine - Type: PT6A-42A, S/N: RM0295, Time: 171.4; Prop - Type: HC-E4N-3Q, S/N: HH2678, Time: 171.4

Engine Work ID 2959

Completed an Annual / 100 (Event #1 and Event #2) inspection in accordance with the Piper PA46-500TP
Inspection Form and Service Manual. Completed PT6A-42A 100 hr inspection. Ground run for ops and leak ck
good.

I certify that this engine has been inspected in accordance with an Annual / 100 (Event #1 and Event #2)
inspection and was determined to be in airworthy condition.

Benjamin J. Pitterle
A&P390747277 IA

☐ Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



☒ Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 1/28/2008; Aircraft: N1061T; Type: PIPER MERIDIAN; S/N: 4697274; Hobbs: 309.8; Total Time: 309.8;
Engine - Type: PT6A-42A, S/N: RM0295, Time: 309.8, SMOH: 309.8; Prop - Type: HC-E4N-3Q, S/N: HH2678,
Time: 309.8, SMOH: 309.8

Engine Work ID 3440

Completed an Annual / 100 (Event #1 and Event #2) inspection. Completed PT6A-42A 100 hr inspection.
Performed engine compressor performance wash, using R-MC (ready to use) compressor wash and fresh water
as a rinse. Replaced both engine ignitors with new p/n CH34055. Checked engine control travels and lubricated.
Ground run for ops and leak ck good.

I certify that this engine has been inspected in accordance with an Annual / 100 (Event #1 and Event #2)
inspection and was determined to be in airworthy condition.

Kevin K. Fenske
A&P2886592 IA

☐ Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



☒ Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

Date: 8/13/2008; Aircraft: N1061T; Type: PIPER MERIDIAN; S/N: 4697274; Hobbs: 450.8; Total Time: 450.8;
Engine - Type: PT6A-42A, S/N: RM0295, Time: 450.8; Prop - Type: HC-E4N-3Q, S/N: HH2678, Time: 450.8

Engine Work ID 4050

Completed an Annual / 100 (Event #1 and Event #2) inspection. Completed PT6A-42A periodic
inspections per Table 601. Completed 100 hr inspections. Completed 400 hr fuel nozzles clean and flow test.
Reinstalled fuel nozzles p/n 3100458-03 s/n See 8130 after clean and flow test by Jet Air Corporation CRS#
M22R023L, Wo# 8522 dated 8/8/08. Completed 400 hr boroscope inspection, examined CT blades and shroud
segments, CT stator assembly and combustion liner, no defects noted, next due 850.8 ACTT. Replaced a fuel
nozzle transfer tube p/n 30111155 with new. Replaced left fire detector retaining clip p/n 102636-002 with new.
Secured belt for proper tension and safetied bolts. Checked engine control travels and lubricated. Ground run for
ops and leak ck good.

I certify that this engine has been inspected in accordance with an Annual / 100 (Event #1 and Event #2)
inspection and was determined to be in airworthy condition.

Kevin K. Fenske
A&P2886592 IA

☐ Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



☒ Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

I cert
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under

Date S

Des M

9-14-09 H

Details of task

al acceptance test and
completed satisfactorily
tion for safe operation.

NG/NØ 35300 RPM, at 850 SHP/8VØ

ITT Trim: 20.7 C°

T5 Trim Resistance: 48.8 Ohms

Signature

AME
ACA/AMO
SCA/AMO

R. J. DAVIES

1023

T.C. 4-58
NO. 004

DMFS
DES MOINES FLYING SERVICE, INC.



INTERNATIONAL AIRPORT
P.O. BOX 35126 DES MOINES, IA 50315-0322
Telephone (515) 258-5300 FAX (515) 258-5537

February 11, 2009
Tach / Hobbs 566.3
Engine PT6A-42A
Propeller HC-E4N-3Q

Piper PA46-500TP
Total Time 566.3
SN PCE-RM0295
SN HH2678

N1061T
Total Time 566.3
Total Time 566.3

S/N 4697274

Complied with an Annual Inspection per Piper PA46-500TP Maintenance Manual, PN 767-005, dated 04/15/2007, Event 1 and Event 2 inspection check list, and chapter 5-20-00.

1. Complied with Piper SL 1110 dated 03/28/2008, PRATT & WHITNEY CANADA SIL NO. PT6A-144 R1 Compressor and Turbine washes
2. Removed and replaced both engine igniters with new CH34055. Operational check good.
3. Removed and replaced engine beta brush block.
4. Customer request to re-coat engine with LPS Procyon. Removed engine inlet screen and sprayed on a light coat of LPS Procyon PN 04228. Let engine case air dry and then reinstalled inlet screen.

I certify that this **Engine** has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. 17126, 17129.

Date Signed 02/11/2009:

David Hintz
David Hintz








Des Moines Flying Service, Inc.,

FAA CRS G9CR485J

9-14-09 Hobbs=695.6 look over engine. Remove Starter gen & insp. No defects noted. Reinstall Starter Gen. Visual insp fuel nozzles & manifold. No leaks or defects noted. JAR 72 31774/1980 JAR.

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>DMFS DES MOINES FLYING SERVICE, INC.</p> </div> <div style="text-align: center;">  <p>INTERNATIONAL AIRPORT P.O. BOX 35126 DES MOINES, IA 50315-0302 Telephone (515) 256-5300 FAX (515) 256-5537</p> </div> </div>				
11/05/2009	Piper N1061T	S/N 4697274		
Hobbs 733.5	Total Time 733.5			
Eng. PT6A-42A	Eng. Ser. # PCE-RM0295			
<p>Complied with a compressor recovery wash and turbine washes per Piper SL 1110 dated 03-28-2008 and Pratt and Whitney SIL PT6A-144R1. Applied Procyon to compressor inlet case.</p> <p>The aircraft, airframe, aircraft engine, propeller, or appliance identified above, was inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this agency under Work Order # 17414</p> <p>Date Signed 11/05/2009 <i>James D. Swanson</i> 19</p> <p>James D. Swanson Des Moines Flying Service, Inc. CRS G9CR485J</p>				
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;">  <p>DMFS DES MOINES FLYING SERVICE, INC.</p> </div> <div style="text-align: center;">  <p>INTERNATIONAL AIRPORT P.O. BOX 35126 DES MOINES, IA 50315-0302 Telephone (515) 256-5300 FAX (515) 256-5537</p> </div> </div>				
December 15, 2009	Piper PA46-500TP	N1061T	S/N 4697274	
Tach / Hobbs 753.2	Total Time 753.2			
Engine PT6A-42A	SN PCE-RM0295	Total Time 753.2		
Propeller HC-E4N-3Q	SN HH2678	Total Time 753.2		
<p>Complied with an Annual Inspection per Piper PA46-500TP Maintenance Manual, PN 767-005, dated 04/15/2007, Event 1 and Event 2 inspection check list, and chapter 5-20-00.</p> <ol style="list-style-type: none"> 1. Complied with 200 hour fuel nozzle flow test and borescope inspection, no defects noted at this time, reinstalled nozzles with new gaskets and o-rings and safety. 2. Performed functional test of fuel manifold adapters IAW Pratt and Whitney PT6A-42A MM 73-10-05. Functional test satisfactory. Installed three new fuel transfer tubes PN 3011155. 3. Complied with Piper SL 1110 dated 03/28/2008, PRATT & WHITNEY CANADA SIL NO. PT6A-144 R1 Compressor and Turbine washes 4. Removed starter generator, inspected, no defects noted, cleaned and reinstalled. 5. Adjusted alternator belt tension and safited. <p>I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. 17347.</p> <p>Date Signed 12/15/2009: <i>David Hintz</i> INS 22</p> <p>Des Moines Flying Service, Inc., FAA CRS G9CR485J</p>				

N1061T	PIPER	MODEL	SERIAL	TOTAL	TSMOH
05/24/2010		PA46-500TP	4697274	848.7	
HOBBS		PT6A-42A	PCE-RM0295	848.7	
848.7		HC-E4N-3Q	HH2678	848.7	

AME
ACA/AMO
SCA/AMO

- Complied with engine 100 hr inspection. Changed filters and performed General Visual inspection of engine and components. No defects noted at this time. Performed engine ground run.
- Complied with the compressor recovery wash and the turbine washes per Piper SL 11010 dated 03/28/2008 and Pratt & Whitney SIL PT6A-144R1

I certify that this ~~aircraft~~ ^{engine} has been inspected in accordance with an **100 HR inspection** and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. **17565**.

Date Signed 05/24/2010:


David Tesser

Des Moines Flying Service, Inc., FAA CRS G9CR485J

Date: 12/24/2010; Aircraft: N1061T; Type: PIPER MERIDIAN; S/N: 4697274; Hobbs: 960.0; Total Time: 960.0; Engine - Type: PT6A-42A, S/N: RM0295, Time: 960.0; Prop - Type: HC-E4N-3Q, S/N: HH2678, Time: 960.0; Turbine -, H/S Time: 960.0, Cycles: 0

Engine Work

Complied with an Annual / 100Hr. (Event #1 and Event #2) inspection. Completed PT6A-42A periodic inspection per Table 602. Complied with 1000 Hr. Oil Filter replacement. Complied with compressor wash after inspection per Pratt & Whitney SIL PT6A-144 R1.

I certify that this engine has been inspected in accordance with an Annual Hr. / 100 (Event #1 and Event #2) inspection and was determined to be in airworthy condition.

Doug Seibel

A&P389765035 IA

Doug Seibel 1A369765035

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Madison, WI 53704
608-268-5003



☒ Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

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

N1061T **DATE** 8/24/2011 **Hobbs** 1089.6
Performed Compressor wash per P&W MM Chapter 71


Make **P&W** Ser.No. **PM0295**
Model **PT6A-42A** Reg.Mark **N1061T**
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 **T1173** Date **8/24/2011**
Signed  Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE, IN 47308 765-289-7141

MAC

Section 1: Record of engine maintenance and elementary work

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

	DATE	A/C Hobbs	A/C TT	ETSOH	PTSOH	Cycles
N1061T	11/17/2011	1119.1	1119.1	1119.1	1119.1	727


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 Chapter 71,
3)C/W 400 Hr Removed Fuel Nozzles and sent to Dallas Airmotive for Flow test see 8130 for details,Reinstalled using new gaskets and "O"rings Torqued and saftied
4)Borscoped Hot section with nozzles removed No defects noted
5)fiberglassed Cowling lowe duct as needed,Repaired wire bundle for Chip detector light
6)C/W PSB1173B Engine Oil Hose Part II Retrimmed Cowling as needed per instructions
C/W PSB1234 Oil cooler temp control valve replacement with P/N 592-712 S/N 287 Valve

I certify that this Engine has been inspected in accordance with a Annual/100 Hr Insp. and was determined to be in airworthy condition.

Make P&W Ser.No PCE-RM0295
Model PT6A-42A Reg.Number N1061T

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. T1705 Date 11/17/2011

Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE,IN 47308 765-289-7141



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

	DATE	A/C Hobbs	A/C TT	ETSOH	PTSOH	Cycles
N1061T	10/1/2012	1228.3	1228.3	1228.3	1228.3	783


Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.
C/W compressor Wash and T-Wheel Rinse IAW P&W Service manual Chapter 71,
Performed P&W Insitu Fuel Nozzle Cleaning per Chapter 71-00-00
Removed Engine Air inlet screen,Removed old coating of Procydon,Inspected for corrossion none found,recoated with Procydon,reinstalled inlet screen

I certify that this Engine has been inspected in accordance with a Annual/100 Hr Insp. and was determined to be in airworthy condition.

Make P&W Ser.No PCE-RM0295
Model PT6A-42A Reg.Number N1061T

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. T2283 Date 10/1/2012

Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE,IN 47308 765-289-7141



AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

RPR26227

5. Work Order/Contract/Invoice Number:

2.


1. Approving National Aviation Authority/Country
FAA/United States

DallasAirmotive.

Dallas Airmotive, Inc.
Dayton International Airport

BGA Aviation


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

N1061T	DATE 11/6/2013	A/C Hobbs 1325.8	A/C TT 1325.8	ETSOH 1325.8	PTSOH 1325.8	Cycles 828	
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Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.
C/W compressor Wash and T-Wheel Rinse IAW P&W Service manual Chapter 71,
Performed P&W Insitu Fuel Nozzle Cleaning per Chapter 71-00-00
1 Torque exceedance of 1499 ft/lb for 16 sec. No action required per P&W MM Chapter 71-00-00
Replaced Air Conditioner Compressor Belt P/N 73965-024 adjusted tension per Ch 21-50-00 of Piper MM
Fiberglass repair on oil cooler inlet duct

I certify that this Engine has been inspected in accordance with a Annual Insp. and was determined to be in airworthy condition.
Make P&W Ser.No PCE-RM0295
Model PT6A-42A Reg.Number N1061T
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. 5000487 Date 11/6/2013
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE, IN 47308 765-289-7141 


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

N1061T	DATE 12/2/2014	A/C Hobbs 1402.4	A/C TT 1402.4	ETSOH 1402.4	PTSOH 1402.4	Cycles 905	
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Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.
C/W compressor Wash and T-Wheel Rinse IAW P&W Service manual Chapter 71,
Performed P&W Insitu Fuel Nozzle Cleaning per Chapter 71-00-00
Removed inlet screen and cleaned away corrosion inhibitor, removed small amount of corrosion
treated area with Chrome pickle solution made from table 208 chapter 70 page 245 & 246
Replaced BETA Brush block with new per Ch 61-10-00

I certify that this Engine has been inspected in accordance with a Annual Insp. and was determined to be in airworthy condition.
Make P&W Ser.No PCE-RM0295
Model PT6A-42A Reg.Number N1061T
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. 5001031 Date 12/2/2014
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE, IN 47308 765-289-7141 

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

N1061T	DATE 11/16/2015	A/C Hobbs 1485.4	A/C TT 1485.4	ETSOH 1485.4	PTSOH 1485.4	Cycles 988	
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Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.
C/W compressor Wash and T-Wheel Rinse IAW P&W Service manual Chapter 71,
C/W 400 Hr Fuel Nozzle flow test see Dallas Airmotive 8130's for details
C/W Borescope inspection of Hot section and compressor No defects Noted
Removed inlet screen and cleaned away corrosion inhibitor, removed small amount of corrosion
treated area with Chrome pickle solution made from table 208 chapter 70 page 245 & 246
Installed new fire dection loop bracket P/N102636-002
Adjusted Nose Gear suat switch for reverse lockout

I certify that this Engine has been inspected in accordance with a Annual Insp. and was determined to be in airworthy condition.
Make P&W Ser.No PCE-RM0295
Model PT6A-42A Reg.Number N1061T
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. 5001520 Date 11/16/2015
Signed [Signature] Inspector for
MUNCIE AVIATION CO. CRS#AJVR135C
MUNCIE, IN 47308 765-289-7141 

Section 1: Record of engine maintenance and elementary work

Date	Time since	Time since	Total cycles	Details of task	
*****MUNCIE AVIATION CO.CRS#AJVR135C*****					
N1061T	DATE 11/21/2016	A/C Hobbs 1582.2	A/C TT 1582.2	ETSOH 1582.2	PTSOH 1582.2 Cycles 1085
<p>Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.</p> <p>C/W compressor Wash and T-Wheel Rinse IAW P&W Service manual Chapter 71.</p> <p>C/W Insitu method of Fuel Nozzle cleaning per Ch 71-00-00</p> <p>C/W Borescope inspection of Hot section and compressor No defects Noted</p> <p>Removed inlet screen and cleaned away corrosion inhibitor, removed small amount of corrosion treated area with Corrosion X</p>					
<p>I certify that this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> Insp. and was determined to be in airworthy condition.</p> <p>Make <u>P&W</u> Ser.No <u>PCE-RM0295</u></p> <p>Model <u>PT6A-42A</u> Reg.Number <u>N1061T</u></p> <p>The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service</p> <p>Pertinent details of the repair are on file at the Agency</p> <p>Work Order No <u>S002080</u> Date <u>11/21/2016</u></p> <p>Signed <u>[Signature]</u> Inspector for</p> <p>MUNCIE AVIATION CO. CRS#AJVR135C</p> <p>MUNCIE, IN 47308 765-289-7141</p>					



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

	DATE	A/C Hobbs	A/C TT	ETSOH	PTSOH	Cycles
N1061T	11/10/2017	1640	1640	1640	1640	1143



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

C/W compressor Wash and T-Wheel Rinse IAW P&W Service manual Chapter 71.

C/W Insitu method of Fuel Nozzle cleaning per Ch 71-00-00

Installed 2 new Ignitor plugs P/N CH34055

Removed inlet screen and cleaned away corrosion inhibitor, removed small amount of corrosion treated area with Corrosion X

Starter Generator brushes Replaced by Hoosier

Aircraft Accessory see 8130 for details

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

Make P&W Ser.No PCE-RM0295

Model PT6A-42A Reg.Number N1061T

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 S002493 Date 11/10/2017

Signed [Signature] Inspector for

MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141





MAC
Muncie Aviation Company
 An Employee Owned Company



MO
MO

Reg. Mark	Hobbs/Tach	Make	Model	S/N	A/C TT	ETT	Cycles	Prop
N1061T	1719.1	P&W	PT6A-42A	PCE-RM0295	1719.1	1719.1	1226	1719.1

Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.
 Comply with 30 & 90 day 4, 6 & 12 month specials.
 Complied with compressor wash and Insitu Fuel Nozzle Flow per P&W MM chap 71-00-00.
 Installed igniters, engine drain lines, and P3 filter No defects
 C/W 12 year alternator overhaul replaced with Overhauled P/N ES-4019-1 S/N I112845

I Certify that this Engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service.
 Details of the repair/inspection are on file at this C.R.S. under Shop Order No. S-18-0677
 Date 11/2/2018 Signed [Signature] Inspector For Muncie Aviation Company
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141



MAC
Muncie Aviation Company
 An Employee Owned Company



Reg. Mark	Hobbs/Tach	Make	Model	S/N	A/C TT	ETT	Cycles	Prop
N1061T	1776.8	P&W	PT6A-42A	PCE-RM0295	1776.8	1776.8	1284	1776.8

Annual inspection completed this date Ref. Piper Inspection Event #1 & 2 Insp.
 Comply with 30 & 90 day 4, 6 & 12 month specials.
 Complied with compressor wash and Insitu Fuel Nozzle Flow per P&W MM chap 71-00-00.
 Installed igniters, engine drain lines, and P3 filter No defects

I Certify that this Engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service.
 Details of the repair/inspection are on file at this C.R.S. under Shop Order No. S-19-1109
 Date 10/24/2019 Signed [Signature] Inspector For Muncie Aviation Company
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

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

Date: 10/29/20

AIRCRAFT LOG

N1061T

Hobbs: 1828.3

PT6A-42A

Aircraft SN: 4697274

S/N: PCE-RM0295

Removed engine and sent to Dallas Airmotive North Carolina for inlet corrosion.

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 # S004392

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

Section 1: Record of engine maintenance and element

Details of task

Date --/--/--	Time since new	Time since overhaul	Total cycles
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40591 AIRPORT ROAD, NEW LONDON, NC 28127
CERTIFICATE NO. YRR2491L

DA
281

WORK ORDER NUMBER RPR55948	ENGINE SERIAL NUMBER PCE-RM0295	MODEL PT6A-42A	DATE 12/02/2020
ENGINE T.S.N. 1828.3	ENGINE C.S.N. 1332	ENGINE T.S.O. NA	SIGNATURE DAVID BOYSWORTH
ACCESSORY INSTALLATION			
NAME	P/N	S/N	TSO
FUEL CONTROL	4138014-1	CR2107	00.0
FLOW DIVIDER	26035-1	9959514873	1828.3
FUEL HEATER	10994A	WA50532	00.0
FUEL PUMP	399701-5	009487	NR
FUEL FILTER	3059779-01	NSN	00.0
OVERSPEED GOV.	210638	14800309	NR
CONSTANT SPEED GOV.	8210-007	14763700G	1828.3
TORQUE LIMITER	4138012-2	C79285	1828.3
L.P. BLEED VALVE	3123123-01	AHX006126	1828.3
H.P. BLEED VALVE	3123122-01	AHX006331	NR
P3 FILTER	WF336238	NSN	00.0
OIL FILTER	3059258-01	NSN	1828.3
T5 HARNESS	3112214-01	NR19472	00.0
T5 TRIMMER	3053995CL14	NRA01275	NR
THERMOSTATIC BYPASS	3024996	2455	NR
			REMARKS
			OVERHAULED
			NO RECORD OF INSTALL
			NEW
			NO RECORD OF INSTALL
			PMA CUSTOMER INSTALL
			NEW
			OVERHAULED 40.6 OHMS
			NO RECORD OF INSTALL



40591 Airport Road
New London, NC 28127
CERTIFICATE NO. YRR2491L

PT6A-42A	Engine S/N: PCE-RM0295	T.S.N.: 1828.3	C.S.N.: 1332	T.S.O.: NA	C.S.O.: NA
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RECEIVED ENGINE IN FOR INLET CASE CORROSION AND HOT SECTION INSPECTION - COMPLIED WITH HOT SECTION INSPECTION AND 400 HR FUEL NOZZLE INSPECTION. REMOVED INLET FOR REPAIR AND SB3445 MODIFICATION. ASSEMBLED ENGINE TESTED, PRESERVED, AND PREPARED FOR SHIPPING. ALL WORK DONE WITH REFERENCE TO PRATT AND WHITNEY OVERHAUL MANUAL PN 3021443 REV. 52 DATED 6 APRIL 2020, AND MAINT MANUAL PN 3021442 REV. 60 DATED 02 NOVEMBER 2020 AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR. SEE ATTACHED PARTS LIST AND 8130'S FOR PARTS REPAIRED OR REPLACED.

CT VANE AREA=6.81 PT STATOR AREA= N/DIS

SERVICE BULLETINS COMPLIED WITH= SB3437, SB3445R2, SB3458, SB3501R1

CORRECTED ENGINE PERFORMANCE

SHIP	Ng %	T ₁ °F	T ₂ °C	SFC	POWER CHECK T ₁ TARGET	DATA PLATE SPEED@ 850SHIP	T ₁ PULL DOWN REQUIRED	T ₁ TRIMMER
850	94.4	1222	661	.601	NA	35417/94.4%	26.7 °C	ADJUSTED @ 40.6

LIFE LIMITED COMPONENTS INSTALLATION (NOTE: REFER TO S/B, LATEST REVISION, FOR APPROVED LIFE LIMITS)

Name	Part Number	Serial Number	Total Cycles	Cycles Rem	Name	Part Number	Serial Number	Total Cycles	Cycles Rem
Hub Stg 1 Comp	ND	ND	ND	ND	Disk Stg 1 PT	ND	ND	ND	ND
Disk Stg 2 Comp	ND	ND	ND	ND	Disk Stg 2 PT	ND	ND	ND	ND
Disk Stg 3 Comp	ND	ND	ND	ND	Blade CT	ND	ND	ND	ND
Impeller	ND	ND	ND	ND					
Disk CT	3049291-01	A0021WR2	1332	8668					

This engine has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of this repair are on file at this repair station under work order: RPR55948

Signature: *David Boyworth*

Date: 12/02/2020

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

Date: 12/16/20

Engine Log

N1061T

ME
/AMO
/AMO

Hobbs: 1828.3

Model: PT6A-42A

Aircraft SN: 4697274

Engine TSN: 1828.3

SN: PCE-RM0295

ACTT: 1828.3

Accomplished an Event I and II Annual Engine Inspection IAW FAR 43, appendix "D" using the Piper PA46-500TP Event I and II Maintenance Manual as a guide. Accomplished a compressor, inlet and CT desalination wash per P&W PT6A-42A M.M. 71-00-00. Accomplish Piper SB1296 by testing operation of manual override per Pratt & Whitney Canada SB A3487. Accomplished VSP257 per P&WC SB3490R1 torque limiter pressure tube assembly. Replaced both igniters, installed P/N CH34055 per P&W PT6A-42A MM 74-20-00. Resafted bleed air clamps per PA46-500TP MM 21-30-00. Replaced oil cooler seals, installed P/N 102610-006 and 102610-007 per PA46-500TP MM 79-20-00. Cleaned and lubricated telescopic end of throttle. Saftied P3 filter adapter bolt. Removed bleed air adapter and reworked flange. Removed engine and sent to Dallas Airmotive Inc for repair of inlet corrosion and hot section inspection, see WO# RPR55948/2230630, installed repaired engine P/N PT6A-42A SN PCE-RM0295 and airframe accessories per PA46-500TP MM 71-00-00. Adjusted engine controls per PA46-500TP MM 76-10-00. Replaced 2 bled air clamps, installed P/N 557-703 per PA46-500TP MM 21-30-00. Removed HP fuel pump and sent to International Governor Services, installed P/N 399701-5 SN 009487 per P&W PT6A-42A MM 73-10-02. Replaced oil filter cover hardware. Accomplished 1000 hour firewall inspection per PA46-500TP MM 73-30-00. Accomplished 1000 hour tach generators by sending to Accessories Inc for overhauled, installed overhauled P/N 32005-007 S/N's 310406 and S/N 304304 per PA46-500TP MM 77-10-00. Accomplished 6 year FCU overhaul inspection, Dallas Airmotive installed P/N 4138014-1 SN C82107. Accomplished 500 hour oil scavenge screen inspection and cleaning. Piper VSP P&W SB NO. 3501R1 performed by Dallas Airmotive. Replaced HP fuel pump garloc seal, installed P/N 399701-5 per P&W PT6A-42A MM 72-60-00. Accomplished 1000 hour P3 filter replacement, installed P/N WF336238 per P&W PT6A-42A MM 73-10-07.

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 #S004392 A.D.'s researched through Rev. 2020.24

Signature

CRS # ECWR470D

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

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

Date: 11/22/21

Engine Log

N1061T

Hobbs: 1874.2

Model: PT6A-42A

Aircraft SN: 4697274

Engine TSN: 1874.2

SN: PCE-RM0295

ACTT: 1874.2

Accomplished an Event I and II Annual Engine Inspection IAW FAR 43, appendix "D" using the Piper PA46-500TP Event I and II Maintenance Manual as a guide. Accomplished a compressor, inlet and CT desalination wash per P&W PT6A-42A M.M. 71-00-00. Accomplished 600 hour HP fuel pump outer filter replacement per P&W PT6A-42A MM 73-10-02. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&W PT6A-42A MM 73-10-00. Accomplished Piper SB1296 fuel control unit manual override inspection per P&W Canada SB A3487.

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 #S004810 A.D.'s researched through Rev. 2021.23

Signature

CRS # ECWR470D

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

Section 1: Record of engine maintenance and elementary work

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

Date: 10/25/22

Engine Log

N1061T

Hobbs: 1915.1

Model: PT6A-42A

Aircraft SN: 4697274

Engine TSN: 1915.1

SN: PCE-RM0295

ACTT: 1915.1

Accomplished an Event I and II Annual Engine Inspection IAW FAR 43, appendix "D" using the Piper PA46-500TP Event I and II Maintenance Manual as a guide. Accomplished a compressor, inlet and CT desalination wash per P&W PT6A-42A M.M. 71-00-00.

Accomplished 600 hour HP fuel pump outer filter replacement per P&W PT6A-42A MM 73-10-02. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&W PT6A-42A MM 73-10-00. Accomplished Piper SB1296 fuel control unit manual override inspection per P&W Canada SB A3487. Cleaned and applied corrosion preventative in compressor inlet. Replaced oil seal in retainer for engine driven fuel pump, installed PN 3022375 per P&W PT6A MM 72-60-00.

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 #S005188 A.D.'s researched through Rev. 2022.22

Signature

CRS # ECWR470D

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



12/05/2023

952 S. Kirby Road Bloomington, IN 47403

N1061T

PA46-500TP SN: 4697274

Engine Pratt & Whitney Model: PT6A-42A SN: RM0295

Hobbs: 1978.8 AFTT: 1978.8 ETT: 1978.8

1. C/W Event 1 & II Annual Inspection IAW FAR43 appendix "D" per Piper PA46-500TP Event 1 & II MM
2. Hot Section Inspection C/W at 1828.3
3. 6 YR FCU OH/ Inspect Next Due 2428.3
4. 500 Hour Oil Scavenge Screen Next Due 2328.2
5. 1000 Hour P3 Filter Replace Next Due 2828.3
6. 400 Fuel Nozzle Inspect Next Due 2228.3
7. Replace Oil Filter Next Due 2978.8
8. 400 Hour Borescope Inspection Next Due 2228.3

This Engine Identified above was repaired & inspected IAW current regulations of the FAA & is approved for return to service. All work was performed IAW applicable Maintenance Manuals & Instructions.

Bob Burke

AP3146370IA



Reg. Mark	Hobbs	Make	Model	S/N	A/C TT	ETT
N1061T	1984.2	P&WC	PT6A-42A	RM0295	1984.2	1984.2

1. Completed an Annual/Event 1 and Event 2 inspection IAW Piper MM CH 5-20-00.
2. Performed compressor wash and fuel nozzle insitu cleaning. Ref P&WC MM CH 71-00-00.
3. Complied with 1 year engine mount inspection. No defects noted.
4. Complied with 1,800 hour Torque limiter check. No defects noted.
5. Engine over torque exceedance recorded. Exceedance within acceptable limits and required no further action. Deleted exceedance.
6. Operational and leak check of all above items found to be satisfactory.

See AD list dated 12/24/2024 for details.

I certify that this Engine has been inspected in accordance with an Annual/Event 1 & 2 inspection and was determined to be in airworthy condition. The aircraft/component identified above was repaired and inspected in accordance with current regulations of Federal Aviation Agency, approved for return to service.

Details for the repair/inspection are on file at this C.R.S under Shop Order No. S-24-3675 Date 1/9/2025

Signed Shall Inspector for Muncie Aviation Company CRS# AJVR135C. Muncie, Indiana 47303 765-289-7141.