



Transport  
Canada

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Canada

TP 14182  
(Revised 05/2005)

# Engine Logbook

TC-1001185



05/2005

Canada 

Volume #: 1

Opened on: 11 AUG 2018

### ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series E.T.C. E-12 PT6A-42A B/S: 1415
3. Serial Number PCE- RM0823

THIS ENGINE SERVICED WITH  
bp TURBO 2380  
OIL AT THE PIPER FACTORY  
CYCLE COUNT AS OF OCT 13 2018  
NUMBER OF CYCLES 7

Other related Transport Canada Publications:  
TP 14089B  
TP 14058E/F

Previous Edition:  
TP 3910E, 2nd Edition (Jan. 1987)  
TP 14182E (Dec. 2003)

Printed in Canada.

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TP 14182E  
(05/2005)  
TC-1001185  
Catalogue No. T52-4/2-2003E



Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task	Signature	AME ACA/AMO SCA/AMO
11 AUG 2018	0.0	N/A	0	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.	E. WEISTRA	AME ACA/AMO SCA/AMO
17 SEP 2018	0.0	N/A	0	"Applied Procyon corrosion inhibitor to compressor inlet case per Pratt & Whitney Maintenance Manual P/N 3021442 Chapter 72-00-00."	William S. [Signature]	T.C. 4-58 NO. 118
Date: 10/3/18 Aircraft S/N: 4698090 Reg. Number: N603MA Aircraft Engine Model: PT6A-42A S/N: PCE-RM0823 TTE: 1.7 Cycles: 1 Performed Engine Water Wash per Pratt & Whitney Maintenance Manual Part Number 3021442, Chapter/Section 71-00-00, Power Plant Cleaning, Engine Washing Instructions. Signature: [Signature] Name: David T. Wallace Jr A&P Certificate Number: AP51627416 Piper PIPER AIRCRAFT, INC.				NG/NO 35200 RPM, at 850 SHP/δV0 ITT Trim: 23.4 C° T5 Trim Resistance: 50.2 Ohms		
Date: 10/12/18 Aircraft S/N: 4698090 Reg. Number: N603MA Aircraft Engine Model: PT6A-42A S/N: PCE-RM0823 TTE: 6.0 Cycles: 7 Performed Engine Water Wash per Pratt & Whitney Maintenance Manual Part Number 3021442, Chapter/Section 71-00-00, Power Plant Cleaning, Engine Washing Instructions. Signature: [Signature] Name: David T. Wallace Jr A&P Certificate Number: AP51627416 Piper PIPER AIRCRAFT, INC.						



Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
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**TBM** **MAC** **Piper**  
**Muncie Aviation Company**  
 An Employee Owned Company

Reg. Mark	Hobbs/Tach	Make	Model	S/N
N603MA	52.2	P&W	PT6A-42A	PCE-RM0823

C/W 1st Warrantable 50 Hr Inspection using Piper Form P/N 765-044  
 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. Details of the repair/inspection are on file at this C.R.S. under Shop Order No. **S-19-0844**  
 Date 5/1/2019 Signed *[Signature]* Inspector For Muncie Aviation Company

**TBM** **MAC** **Piper**  
**Muncie Aviation Company**  
 An Employee Owned Company

Reg. Mark	Hobbs/Tach	Make	Model	S/N	A/C TT	ETT	Cycles	Prop
N603MA	182.4	P&W	PT6A-42A	RM0823	182.4	182.4	195	182.4

Annual Inspection completed this date Ref Piper Inspections Events #1 & #2  
 Completed compressor wash and fuel nozzle in-situ cleaning. Installed P3 filter and engine fuel lines.  
 C/W per P&W Ch 71-00-00  
 See AD Listing Dated 11/8/2019 for Details  
 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-19-1056**  
 Date 11/12/2019 Signed *[Signature]* Inspector For Muncie Aviation Company  
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

**TBM** **MAC** **Piper**  
**Muncie Aviation Company**  
 An Employee Owned Company

Reg. Mark	Hobbs/Tach	Make	Model	S/N	A/C TT	ETT	Cycles	Prop
N603MA	346.1	P&W	PT6A-42A	RM0823	346.1	346.1	300	346.1

Annual Inspection completed this date Ref Piper Inspections Events #1 & #2  
 Completed compressor wash cleaning. Installed P3 filter and engine fuel lines per P&W MM Ch 71-00-00  
 400 Hr Fuel Nozzle Flow test C/W by Dallas Airmotive see 8130 for details reinstalled all Nozzles using new "O" rings and gaskets Torqued down and saftied  
 VSP269 Pratt & Whitney SB3501 R1 Oil to fuel heater Deferred for parts not available  
 Treated compressor inlet with Corrosion X MIL-PRF-81309G, reinstalled inlet screen  
 See AD Listing Dated 12/7/2020 for Details  
 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-20-1629**  
 Date 12/14/2020 Signed *[Signature]* Inspector For Muncie Aviation Company  
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

**TBM** **MAC** **Piper**  
**Muncie Aviation Company**  
 An Employee Owned Company

Reg. Mark	Hobbs/Tach	Make	Model	S/N	A/C TT	ETT	Cycles	Prop
N603MA	486	P&W	PT6A-42A	RM0823	486	486	440	486

Annual Inspection completed this date Ref Piper Inspections Events #1 & #2  
 Completed compressor wash & Insitu Fuel Nozzle cleaning per P&W MM Ch 71-00-00  
 C/W 500 hour RGB oil scavenge screen inspection, removed plug and screen no debris found in screen, cleaned screen and installed screen and cover with new oring. TQ'd bolt to 40 in.lbs. secured with safety wire.  
 VSP269 Pratt & Whitney SB3501 R1 Oil to fuel heater to be C/W at a later date  
 Slight CT wheel blade to segment rub to be taken care of at a later date  
 Piper **SB1370** Inertia separator duct shredder angle modification/replacement to be C/W at a later date

See AD Listing Dated 12/1/2021 for Details  
 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-21-2104**  
 Date 12/2/2021 Signed *[Signature]* Inspector For Muncie Aviation Company  
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

**TBM** **MAC** **Piper**  
**Muncie Aviation Company**  
 An Employee Owned Company

Reg. Mark	Hobbs/Tach	Make	Model	S/N	A/C TT	ETT
N603MA	590.4	PWC	PT6A-42A	PCE-RM0823	590.4	590.4

1. Completed Annual Inspection IAW Piper Inspection Report P/N 767-008.
2. Completed compressor wash and fuel nozzle in-situ cleaning.
3. Complied with Pratt & Whitney VSP 269/PSB 3501 R1. Fuel oil heater upgrade. Removed, p/n 1058K Rev D, s/n WA57932 and replaced with overhauled, p/n 10994A, s/n WA10961
4. Performed borescope inspection and found T-wheel blades rubbing and slight metal transfer. Removed power section and T-wheel. Reworked high section of one segment to provide proper blade clearance. All relevant wear limits within Pratt & Whitney MM CH 72-00-00, 27-40-01, 72-50-02 and 72-50-01. Reinstalled T-wheel and power section.
5. Removed and replaced left igniter with new, p/n CH 34055.
6. Operational and leak check of above items found to be satisfactory.

AD Listing dated 11/11/2022.  
 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-22-2553**  
 Date: 11/18/2022 Signed *[Signature]* Inspector for Muncie Aviation Company  
 CRS# AJVR135C, Muncie, Indiana 47303 765-289-7141

AME  
CA/AMO  
CA/AMO









