



**NATIONAL TRANSPORTATION SAFETY BOARD**

Office of Aviation Safety  
Washington, D.C. 20594

August 10, 2020

**ENGINE LOGBOOK EXCERPTS**

**ERA19FA188**



DEPENDABLE  
**ENGINES**  
PRATT & WHITNEY  
CANADA  
DEPENDABLE ENGINES

**ENGINE**  
TECHNICAL LOG

 **Pratt & Whitney Canada**  
A United Technologies Company

**PCE- RR0259**

**WWW.PWC.CA**

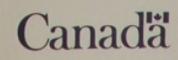
 Transport Canada / Transports Canada

TP 14182  
(Revised 05/2005)

# Engine Logbook

AD COMPLIANCE

TC 1001185  
  
05/2005



OR MATERIAL

ce, Inc.

8 Manufacturer & Pa

PIPER  
85077-002

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ident Related.

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17. Date

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.

Please direct your comments, orders and inquiries to:

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Civil Aviation Communications Centre (AARC)  
Place de Ville,  
Tower C, 5th Floor  
330 Sparks Street  
Ottawa, ON K1A 0N8

Telephone: 1 800 305-2059  
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TP 14182E  
(05/2005)  
TC-1001185  
Catalogue No. T52-4/2-2003E

Volume #: 1  
Opened on: 11 DEC 2016

**ENGINE DETAILS**

- 1. Manufacturer Pratt & Whitney Canada Corp.
- 2. Type/Model/Series E.T.C. E-15 PT6A-35 B/S: 1143
- 3. Serial Number PCE-RR0259

AD COMPLIANCE



Signature

AME  
ACA/AMO  
SCA/AMO

TRIM SPEED Ng 35568 ,% Ng MAX: 94.8

1401

TC 450  
NO. 002

SUN AVIATION, INC. Vero Beach, FL (VRB)  
Date: 05/18/18 Engine Log N709CH  
Hobbs: 1386.1 Eng. Mod: PT6A-35 Eng. SN: 4636431  
Eng. TT: 1386.1 Eng. SN: RR0259

Accomplish an Annual Inspection IAW FAR43, appendix "D" using the Piper PA46-350P 100 hour Inspection report as a guide. Performed a compressor inlet and CT desalination wash. Adjusted low pitch stop per JetProp DLX AMM 72-20-00. Replaced igniters, installed P/N CH34055 per P&W PT6A-35 MM 74-20-00. Tensioned A/C and alt belts JetProp DLX per AMM 24-30-00. Accomplished 600 hour HP fuel pump outlet filter replacement per P&W PT6A-35 MM 73-10-00. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&W PT6A-35 MM 73-10-00.

**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# S003492 A.D.'s researched through Rev. 2018-09.

Signature: \_\_\_\_\_ CRS # \_\_\_\_\_  
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL \_\_\_\_\_

Sarasota Avionics PGD  
27220 Airport Rd, Bldg #211  
Punta Gorda, FL 33982  
N709CH 04/29/2019 PT6A-35 SN:PCE-RR0259  
HOBBS: 1436.8 TTSNEW: 226.1



ENGINE:

1. Inspected Engine using PA46-500TP Engine Checklist from MM #5-20-00 as a guide only. All work performed IAW Pratt & Whitney MM #3021442.
2. Performed Desalination wash, using distilled water. F3 line blocked during wash, dry-out run performed, ops check - OK.
3. Ultrasonically cleaned oil screen and P3 filter - no debris found. Reinstall and safety.
4. Fuel filter changed, leak check performed - OK
5. Chip detector in gear box cleaned and reinstalled - no debris found.
6. Removed and inspected igniters - very little wear found.
7. Added 2 QTS Eastman 2380 oil to engine, now 2.25 QTS below full - hot.

I certify that this ENGINE has been inspected IAW an ANNUAL INSPECTION and was determined to be in airworthy condition.

\_\_\_\_\_, Eric Howe A& \_\_\_\_\_

		Signature	AME ACA/AMO SCA/AMO
TRIM SPEED Ng <u>35568</u> , % Ng MAX: <u>94.8</u>			
<p>SUN AVIATION, INC. Vero Beach, FL (VRB)  Date: 05/18/18 Engine Log N709CH  Hobbs: 1386.1 Eng. Mod: PT6A-35 Eng. SN: 4636431  Eng. TT: 1386.1 Eng. SN: RR0259</p> <p>Accomplish an Annual Inspection IAW FAR43, appendix "D" using the Piper PA46-350P 100 hour Inspection report as a guide. Performed a compressor inlet and CT desalination wash. Adjusted low pitch stop per JetProp DLX AMM 72-20-00. Replaced igniters, installed P/N CH34055 per P&amp;W PT6A-35 MM 74-20-00. Tensioned A/C and all belts JetProp DLX per AMM 24-30-00. Accomplished 600 hour HP fuel pump outlet filter replacement per P&amp;W PT6A-35 MM 73-10-00. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&amp;W PT6A-35 MM 73-10-00.</p> <p><b>MAINTENANCE RELEASE:</b> 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, W/O# S003492 A.D.'s researched through Rev. 2018.09</p> <p>Signature _____ CRS # E _____  Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32909</p>			
<p>Sarasota Avionics PGD  27220 Airport Rd, Bldg #211  Punta Gorda, FL 33982  N709CH 04/29/2019 PT6A-35 SN:PCE-RR0259  HOBBS: 1436.8 TTSNEW: 226.1  <b>ENGINE:</b></p> <ol style="list-style-type: none"> <li>1. Inspected Engine using PA46-500TP Engine Checklist from MM #5-20-00 as a guide only. All work performed IAW Pratt &amp; Whitney MM #3021442.</li> <li>2. Performed Desalination wash, using distilled water. F3 line blocked during wash, dry-out run performed, ops check - OK.</li> <li>3. Ultrasonically cleaned oil screen and P3 filter - no debris found. Reinstall and safety.</li> <li>4. Fuel filter changed, leak check performed - OK</li> <li>5. Chip detector in gear box cleaned and reinstalled - no debris found.</li> <li>6. Removed and inspected igniters - very little wear found.</li> <li>7. Added 2 QTS Eastman 2380 oil to engine, now 2.25 QTS below full - hot.</li> </ol> <p>I certify that this ENGINE has been inspected IAW an ANNUAL INSPECTION and was determined to be in airworthy condition.</p> <p>_____, Eric Howe A&amp;P</p>			
<p style="text-align: right;">Page 1</p>			

AD COMPLIANCE