Engine Logbook

GAS GENERATOR MODULE LOG BOOK
ENGINE DETAILS

1. Manufacturer  
   Pratt & Whitney Canada Corp.

2. Type/Model/Series  
   E.T.C.E. 12  PT6A-52  B/S: 1248

3. Serial Number  
   PCE- R x0183
Section 1: Record of engine maintenance and elementary work

<table>
<thead>
<tr>
<th>Date</th>
<th>Time since new</th>
<th>Time since overhaul</th>
<th>Total cycles</th>
<th>Details of task</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 JUN 2009</td>
<td>0.0</td>
<td>0.0</td>
<td>0</td>
<td>New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.</td>
</tr>
</tbody>
</table>

This Gas Generator module is combined with Power Section, S/N: PS- RX0123

NG/θ 24900 RPM, at 850 SHP/θ

ITT Trim: 13.6° C

T5 Trim resistance: 81.8 Ohms

This engine has been installed on aircraft serial number BY-56 LH and has been fully charged with Turbo Oil 2380.

Dale W. Dodd
For Hawker Beechcraft Corporation PC#8

1980 Airport Rd
Wichita, Kansas 67209
Phone: (316) 946-4300
Fax: (316) 946-4358
FAA Certified Repair Station BWVR572C
EASA Certified Repair Station No. 145.3086

LEFT ENGINE LOG ENTRY
GAS GENERATOR MODULE

| MODEL | A/C S/N | A/C REG | W/O | AC TT | AC TUCY | HR MTR | DATE          | L/H ENGINE S/N | L/H ENGINE TT | L/H ENGINE TUCY | L/H ENGINE TSO | L/H ENG.TSHSI |
|-------|---------|---------|-----|-------|---------|--------|---------------|---------------|----------------|----------------|----------------|---------------|---------------|
| B200G | BY-56   | N3486S  | 05-04-6015 | 19.3 | 24      | 19.3   | 4-27-2010     | PCE-RX0123     | 19.3           | 24             | ----           | ----           |

1. ACCOMPLISHED A PHASE 1 THRU 4 (COMPLETE) INSPECTION [AIA W 2200 MM PN 101-990010-10 REV C3 DATED 02/01/2010].
2. ADJUSTED PROP GOVERNOR MAX STOP TO 2000 RPM [AIA W 2200 MM 76-11-00].
3. NO OTHER APPLICABLE AD'S DUE THIS DATE THRU BI-WEEKLY 30/09.

I CERTIFY THAT THE ABOVE INSPECTION / MAINTENANCE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS. ALL INSPECTIONS WERE PERFORMED IN ACCORDANCE WITH PAR (C) 4000C3 AND THE AIRCRAFT IDENTIFIED ABOVE ARE PRESENTLY AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.

Hawker Beechcraft Services
CR/S# BWVR572C

Charles Chambers
Name: Charles Chambers
Title: Inspector
### LEFT ENGINE LOG ENTRY

**MODEL** A/C S/N  A/C N  ACT CYC  HR MTR  DATE

B200GT  BY-56  N3486S  97.7  97.7  02/16/2011

L/H ENG. S/N  L/H ENG. TT  L/H ENG. TCYC  L/H ENG. TSO  L/H ENG. TSHSL  PCE-RX0123  97.7

1) ACCOMPLISHED A COMPRESSOR DESALINATION WASH IAW CHAP. 71-00 OF PRATT & WHITNEY M.M.

MAINTENANCE RELEASE: THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDEANCE 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, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS.

_Signed_ Eleazar Gonzalez  
A&P 3398054 IA.

---

### LEFT ENG LOG ENTRY

**MODEL** A/C S/N  A/C N  ACT CYC  HR MTR  DATE

B200GT  BY-56  N3486S  112.8  112.8  03/10/2011

L/H ENG.  L/H ENG. TT.  L/H ENG. TCYC  L/H ENG. TSO  L/H ENG. TSHSL  PCE-RX0123  112.8

1) ACCOMPLISHED A COMPRESSOR DESALINATION WASH IAW CHAP. 71-00 OF PRATT & WHITNEY M.M.

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, OR APPLIANCE MAINTENANCE MANUALS AND INSTRUCTIONS.

_Signed_ Eleazar Gonzalez  
A&P 3398054 IA.
### Left Engine Log Entry

<table>
<thead>
<tr>
<th>Aircraft Serial No.</th>
<th>Aircraft Reg No</th>
<th>Event #</th>
<th>AirframeT</th>
<th>AirframeC</th>
<th>Engine S/N</th>
<th>Engine T.T.</th>
<th>Engine T.C.</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BY-56</td>
<td>N34865</td>
<td>202507</td>
<td>506.6</td>
<td>270</td>
<td>PCE-RX0123</td>
<td>506.6</td>
<td>270</td>
<td>40333013</td>
</tr>
</tbody>
</table>

#### ROE S/N

<table>
<thead>
<tr>
<th>Event</th>
<th>Make Model</th>
<th>Engine S/N</th>
<th>Engine T.T.</th>
<th>Engine T.C.</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>CWW CAMP CODE 050020 - 24 MONTHS000 HOUR PHASE 2 INSPECTION IAW KING AIR 200 SERIES MM 05-20-02-201</td>
<td>PCE-RX0123</td>
<td>506.6</td>
<td>270</td>
<td>40333013</td>
</tr>
<tr>
<td>2</td>
<td>CWW CAMP CODE 050010 - 24 MONTHS000 HOUR PHASE 1 INSPECTION IAW KING AIR 200 SERIES MM 05-20-01-201</td>
<td>PCE-RX0123</td>
<td>506.6</td>
<td>270</td>
<td>40333013</td>
</tr>
</tbody>
</table>

- **Maintenance Activity Performed**
  - Blended Minor Needle from Compressor Inlet Blades.
  - CWW Compressor and "T" Wheel Power Recovery Wash.
May 16, 2014

Left Engine S/N PCE-RX0123

C/W satisfactory 12 mth/600 & 400 hr Magnetic chip detector inspection & bridge test IAW PW PT6A-52

MM chapter 72-10 & Beech KA B200GT MM.

The Maintenance Identified Above Has Been Inspected And The Item Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 5330.

Signed

For STEVENS AVIATION, Nashville, TN 37217 CRS VIB3368K

November 6, 2014

Left Engine S/N PCE-RX0123

I certify this Engine has been inspected in accordance with FAR 91.409(F) 3 and a Beechcraft Phase 1 & 2 Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number 5742.

Signed

For STEVENS AVIATION, Nashville, TN 37217 CRS VIB3368K


The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 5742.

Signed

For STEVENS AVIATION, Nashville, TN 37217 CRS VIB3368K

November 23, 2016

Left Engine S/N PCE-RX0123

I certify this Engine has been inspected in accordance with FAR 91.409(F) 3 and a Beechcraft Phase 1 & 2 Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number 7540.

Signed

For STEVENS AVIATION, Nashville, TN 37217 CRS VIB3368K


The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 7540.

Signed

For STEVENS AVIATION, Nashville, TN 37217 CRS VIB3368K
Section 1: Record of engine maintenance and elementary work

**STEVENS AVIATION, INC.**

NASHVILLE, TN

December 7, 2017

Left Engine S/N PCE-RX0123

Н I certify this Engine has been inspected in accordance with FAR 91.409(F) 3 and a Beechcraft Phase 3 & 4 Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number 8188.

SIGNED

For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K


The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 8188.

Signed

For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K

---

December 11, 2018

Left Engine S/N PCE-RX0123

I certify this Engine has been inspected in accordance with FAR 91.409(F) 3 and a Beechcraft Phase 1 & 2 Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number 58.

SIGNED

For Stevens Aerospace and Defense Systems, Nashville, TN 37217, CRS VIB3368K


The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 58.

Signed

For Stevens Aerospace and Defense Systems, Nashville, TN 37217 CRS VIB3368K
Engine Logbook

POWER SECTION
MODULE LOG BOOK
ENGINE DETAILS

1. Manufacturer  
**Pratt & Whitney Canada Corp.**

2. Type/Model/Series  
E.T.C.E-12 PT6A-52 W/S: 1228

3. Serial Number  
ps. RX0123
Section 1: Record of engine maintenance and elementary work

Date  | Time since new | Time since overhaul | Total cycles | Details of task
--- | --- | --- | --- | ---
29 JUN 2008 | 0:00 | 0:00 | 0:00 | New engine final acceptance test completed satisfactorily and is in condition for safe operation.

This engine has been installed on aircraft serial number BY-56 LH and has been fully charged with Turbo Oil 2380.

Dale W. Dodd
For Hawker Beechcraft Corporation PC#8

This Power Section module is combined with Gas Generator.
SN: PCE- RX0123
NG/θ 34900 RPM, at 850 SHP /θ
ITT Trim: 13.6 C
T5 Trim resistance: 81.8 Ohms

B. HORVATH

Hawker Beechcraft SERVICES

1980 Airport Rd
Wichita, Kansas 67209
Phone: (316) 946-4300
Fax: (316) 946-4335
FAA Certified Repair Station BWVR672C
EASA Certified Repair Station No. 145.5086

LEFT ENGINE LOG-ENTRY
POWER SECTION MODULE

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A/C S/N</th>
<th>A/C REG</th>
<th>W/O</th>
<th>AC TT</th>
<th>AC TCYC</th>
<th>HR MTR</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>B200GT</td>
<td>BY-56</td>
<td>N3486S</td>
<td>05-04-6015</td>
<td>19.3</td>
<td>24</td>
<td>19.3</td>
<td>4-27-2010</td>
</tr>
</tbody>
</table>

L/H ENGINE S/N | L/H ENGINE TT | L/H ENGINE TCYC | L/H ENGINE TSO | L/H ENG, TSBSI |
PS-RX0123 | 19.3 | 24 | ---- | ---- |

1. ACCOMPLISHED A PHASE 1 THRU 4 (COMPLETE) INSPECTION LAW B200 MM PN (101-900)0-19, REV C5 DATED 02/04/2010.
2. NO OTHER APPLICABLE AD'S DUE THIS DATE THRU BI-WEEKLY 2010-09.

I CERTIFY THAT THE ABOVE INSPECTION / MAINTENANCE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS. ALL INSPECTIONS WERE PERFORMED IN ACCORDANCE WITH FAR 91.409(C) AND THE AIRCRAFT / ENGINE IDENTIFIED ABOVE ARE PRESENTLY AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.

Charles Chambers
Name
Inspector

Page 1
Section 1: Record of engine maintenance and elementary work

Left Engine Log Entry

BY-56  N3486S  202257  506.6  270  PCE-RX0123  506.6  270  4/23/2013

RO# Srk  1) Letter/Phase Type Inspection(s)
400205  2  CW CAMC CODE 09200 - 24 MONTH/HOUR PHASE 1 INSPECTION IAW KINGS AIR 200 SERIES MM 05.00.04-01.

RO# Srk  2) Other Inspections
400505  2  ENGINE IN SERVICE REPORT C/W BY OUTSIDE SERVICES, DALLAS ARMSTRONG 1998463, SEE LOGBOOK ENTRY DATED 2/25/2013.

Hawker Beechcraft Services
FAA CASA #V0158UM
EASA #ML0564
Brasil ICE N #4001-06/ANAC
Venezuela OMACE #4758

Authorized Signature
Printed Name
Title Inspector
Harrison T. Kaplanen

Left Engine Log Entry

BY-56  N3486S  202101  531.2  280  PCE-RX0123  531.2  280  10/12/2013

RO# Srk  1) Letter/Phase Type Inspection(s)
400205  2  CW CAMC CODE 09200 - 24 MONTH/HOUR PHASE 1 INSPECTION IAW KINGS AIR 200 SERIES MM 05.00.04-01.

RO# Srk  2) Other Inspections
400505  2  ENGINE IN SERVICE REPORT C/W BY OUTSIDE SERVICES, DALLAS ARMSTRONG 1998463, SEE LOGBOOK ENTRY DATED 2/25/2013.

Hawker Beechcraft Services
FAA CASA #V0158UM
EASA #ML0564
Brasil ICE N #4001-06/ANAC
Venezuela OMACE #4758

Authorized Signature
Printed Name
Title Inspector
Harrison T. Kaplanen

STEVENS AVIATION, INC.
NASHVILLE, IN

May 16, 2014
Left Engine S/N PCE-RX0123

C/W satisfactory 12 in w/600 & 400 hr Magnetic chip detector inspection & bridge test IAW PW PT6A-52
MM chapter 72-10 & Beech BA200GT MM.
The Maintenance Identified Above Has Been Inspected And The Item Is Approved For Return To Service. Pertinent Details Of The Repair Art On File At This Agency Under Work Order Number 5530.

Signed

STEVENS AVIATION Nashville, Tn 37217 CRS VRB3368K

N3486S
S/N BY-56

ACFT 630.5
HM 630.5
TSN 630.5
CSN 401
Section 1: Record of engine maintenance and elementary work

STEVEN'S AVIATION, INC.
NASHVILLE, TN

Left Engine S/N PCE-RX0123

November 6, 2014

N3486S
S/N BY-56
TSN 678.6
HM 678.6
CSN 497

I certify this Engine has been inspected in accordance with FAR 91.409(F) 3 and a Beechcraft Phase 1 & 2 Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number 5742.

SIGNED

For STEVEN'S AVIATION, Nashville, TN, 37217, CRS VIB3368K


The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 5742.

Signed

For STEVEN'S AVIATION, Nashville, TN, 37217 CRS VIB3368K

November 9, 2015

N3486S
S/N BY-56
TSN 808.5
HM 808.5
CSN 617

SIGNED

For STEVEN'S AVIATION, Nashville, TN, 37217, CRS VIB3368K


The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 6548.

Signed

For STEVEN'S AVIATION, Nashville, TN, 37217 CRS VIB3368K

December 7, 2017

N3486S
S/N BY-56
TSN 1098.0
HM 1098.0
CSN 907

SIGNED

For STEVEN'S AVIATION, Nashville, TN, 37217, CRS VIB3368K


The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number 8188.

Signed

For STEVEN'S AVIATION, Nashville, TN, 37217 CRS VIB3368K
December 11, 2018
Left Engine S/N PCE-RX0123

I certify this Engine has been inspected in accordance with FAR 91.409(F) 3 and a Beechcraft Phase 1 & 2
Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this
agency under work order number 58.

SIGNED
For Steven Aerospace and Defense Systems, Nashville, TN 37217, CRS V1B3368K

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Obtain
Replaced Spark Ignitors with new. C/W 200 hr 1st Stage compressor rotor inspection. Checked starter/generator
brush wear. Lubricated engine and propeller controls. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in
Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of
The Repair Are On File At This Agency Under Work Order Number 58.

Signed
For Steven Aerospace and Defense Systems, Nashville, TN 37217 CRS V1B3368K