**PRATT & WHITNEY CANADA CORP., P68 PROGRAM 4.3.15**

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**PT6A-35 S/N: PCE-RR0044 FINAL ACCEPTANCE TEST RECORD**

---

**2003 MAY 20 TEST CELL : 3202 BUILD SPEC : 1143**

---

**FINAL VANE FLOW AREAS**

<table>
<thead>
<tr>
<th>FIRST STAGE</th>
<th>SECOND STAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>29501 283</td>
<td>29501 462</td>
</tr>
</tbody>
</table>

---

**PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>TAKE-OFF</th>
<th>MAX-CRUISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPEC</td>
<td>ACTUAL</td>
</tr>
</tbody>
</table>

---

**PROP SPEED**

| 2190. | 2190. |

---

**S.L.S. STD.DAY POWER**

| 750. | 750. | 700. | 700. |

---

**TRIMMED INTERTURBINE TEMP DEG R**

| 1740. | 1730. | 1705. | 1685. |

---

**GAS GEN. SPEED RPM**

| 36700 | 36750. | 36300 | 36250. |

---

**FUEL FLOW @ 18400 BTU/LB LB/HR**

| 461. | 454. | 438. | 428. |

---

**FUEL TYPE : CPW 204**

**TEST LHV : 18540. BTU/LB**

**OIL TYPE : PWA 521 TYPE II**

**OIL S.G. : 0.803 @ 73. DEG F**

**OIL CONSUMPTION : 0.0 LB/HR**

**T.O. OIL PRESSURE : 96.2 PSI**

**OIL TEMPERATURE : 155.1 DEG F**

---

**I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 70.9 DEG F**

**I.T.T. TRIM DELTA T (UNTRIMMED-TRIMMED) : 39.4 DEG C**

**I.T.T. TRIM CLASS : 40**

**TRIM RESISTANCE : 13.8 OHMS**

**COLD HARNESS RESISTANCE : 0.68 OHMS**

---

**HANDLING AND CONTROL SETTINGS**

<table>
<thead>
<tr>
<th>IDLE SPEED</th>
<th>DATA PLATE SPEED</th>
<th>UNTRIMMED MAX NG</th>
<th>TRIMMED MAX NG</th>
</tr>
</thead>
<tbody>
<tr>
<td>19614 RPM</td>
<td>35917 RPM</td>
<td>38100 RPM</td>
<td>35917 RPM</td>
</tr>
</tbody>
</table>

**ACCEL. TIME F.I. TO MAX @ T1 : 2.97 SECS @ 67.4 DEGF**

**SG DOME FINAL SETTING : INDEX CLICK**

**ENGINE DRY WEIGHT : 333.0 LBS.**

---

**THE UNDERSIGNED CERTIFIES THAT THIS RECORD ACCURATELY SETS FORTH THE EVENTS DURING THE TEST MADE ON THE ENGINE THEREIN IDENTIFIED.**

**DATE : 21 MAY 2003**

**FOREMAN, ASSY. & TEST INSPECTION SIGNATURE : **

**PRODUCTION SIGNATURE : **

**GOVERNMENT INSPECTOR : **
**Historique du matériel à durée de vie limitée**

**Life Limited Material History Record**

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

<table>
<thead>
<tr>
<th>Material Name</th>
<th>Heat Code</th>
<th>Issue Date (Y-M-D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUB-COMPRESSOR, REAR</td>
<td>KAVRD</td>
<td>2003.05.20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Material Number</th>
<th>Material Serial Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>3013111</td>
<td>85B678</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Données sur le moteur / module - Engine / Module Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temps de fonctionnement depuis l'installation du matériel Engine / Module TSN When Material Installed</td>
</tr>
<tr>
<td>Numéro de série du moteur / module Engine / Module Serial Number</td>
</tr>
<tr>
<td>Modèle Model</td>
</tr>
<tr>
<td>Temps de fonctionnement depuis l'entretien du matériel Engine / Module TSN When Material Removed</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Données sur le matériel - Material Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumul de cette installation Accumulated This Installation</td>
</tr>
<tr>
<td>Cumul, jusqu'à présent Total Accumulated To Date</td>
</tr>
<tr>
<td>Date (A-M-J) (Y-M-D)</td>
</tr>
<tr>
<td>Observations (Installation d'entretien, de révision, bon de travail et timbre du vérificateur)</td>
</tr>
<tr>
<td>Remarks (Maintenance/Overhaul, Facility, Work Order &amp; inspection stamp)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Temps - Time</th>
<th>Cycles</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.
**Historique du matériel à durée de vie limitée**

**Life Limited Material History Record**

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

**Designation du matériau**

**Material Name**

**DISC-COMPRESSOR**

**N° de série du mat'l forgé**

**Forging Mat'l. Serial No.**

A001CRXP

**Données sur le matériau**

**Material Data**

<table>
<thead>
<tr>
<th>Temperature de fonctionnement depuis l'installation du matériau</th>
<th>Temps de fonctionnement depuis l'entretien du matériau</th>
<th>Cumul. de cette installation</th>
<th>Code de traitement thermique</th>
<th>Émis le (A-M-J-D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCE-RR0044</td>
<td>PT6A-35</td>
<td>0</td>
<td>KAVSO</td>
<td>2003.05.20</td>
</tr>
</tbody>
</table>

**Nota :** Pour connaître les durées de vie accumulées et résiduelle du matériau, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

**Note:** For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

**Observations**

**Remarks**

**Date (A-M-J-D)**

**Installations d'entretien, de révision, bon de travail et timbre du vérificateur**

**Maintenance/Overhaul, Facility, Work Order & inspection stamp**

**Cumul. jusqu'à présent**

**Total Accumulated To Date**

<table>
<thead>
<tr>
<th>Time</th>
<th>Cycles</th>
<th>Time</th>
<th>Cycles</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.
### Historique du matériel à durée de vie limitée

**Numéro du dessin ST3582-01 - Drawing Number ST3582-01**

<table>
<thead>
<tr>
<th>Désignation du matériel</th>
<th>Material Name</th>
<th>Numéro de série du matériel</th>
<th>Material Serial Number</th>
<th>Code de traitement thermique</th>
<th>Heat Code</th>
<th>Emis le (A-M-J)</th>
<th>Issue Date (Y-M-D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISC-COMPRESSOR</td>
<td></td>
<td>3011713</td>
<td>A001BXA1</td>
<td>KAVSO</td>
<td></td>
<td>2003.05.20</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Temps de fonctionnement depuis l'installation du matériel</th>
<th>Numéro de série du moteur / module</th>
<th>Modèle</th>
<th>Temps de fonctionnement depuis l'enlèvement du matériel</th>
<th>Engine / Module Serial Number</th>
<th>Model</th>
<th>Cumul. de cette installation</th>
<th>Accumulated This Installation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>PCE-RR0044</td>
<td>PT6A-35</td>
<td>0</td>
<td></td>
<td></td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

**Nota:** Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

**Note:** For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

### Données sur le moteur / module - Engine / Module Data

- **Temps de fonctionnement depuis l'installation du matériel**: 0
- **Modèle**: PT6A-35
- **Cumul. de cette installation**: 0

**Date (A-M-J)**

**Observations (Installation d'entretien, de révision, bon de travail et timbre du vérificateur)**

**Remarks (Maintenance/Overhaul, Facility, Work Order & Inspection stamp)**

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.
Historique du matériel à durée de vie limitée
Life Limited Material History Record

Numéro du dessin ST3582-01 - Drawing Number ST3582-01

<table>
<thead>
<tr>
<th>Désignation du matériel</th>
<th>Code de traitement thermique</th>
<th>Émis le (A-M-J)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMPELLER-CENTRIFUGAL</td>
<td>PZBG1</td>
<td>2003.05.20</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Numéro du matériel</th>
<th>Numéro de série du matériel</th>
<th>Temps de fonctionnement depuis l'installation du matériel</th>
<th>Temps de fonctionnement depuis l'enlèvement du matériel</th>
<th>Cumul. de cette installation</th>
<th>Cumul. jusqu'à présent</th>
</tr>
</thead>
<tbody>
<tr>
<td>3027798</td>
<td>TX1A3358</td>
<td>0 PCE-RR0044 PT6A-35 0</td>
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</table>

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.
# Historique du matériel à durée de vie limitée

## Life Limited Material History Record

### Numéro du dessin ST3582-01 - Drawing Number ST3582-01

<table>
<thead>
<tr>
<th>Désignation du matériel (Material Name)</th>
<th>Code de traitement thermique (Heat Code)</th>
<th>Émis le (Issue Date) (Y-M-D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISC-TURBINE</td>
<td>PZBEO</td>
<td>2003.05.20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Numéro du matériel (Material Number)</th>
<th>Numéro de série du matériel (Material Serial Number)</th>
<th>Code de traitement thermique (Heat Code)</th>
<th>Émis le (Issue Date) (Y-M-D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3024211</td>
<td>A001CDLA</td>
<td>PZBEO</td>
<td>2003.05.20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>N° de série du mat'îl, forgé (Forging Mat'l, Serial No.)</th>
<th>Temps de fonctionnement depuis l'installation du mat'îl (Time Since New)</th>
<th>Cycles de fonctionnement (Cycles Since New)</th>
</tr>
</thead>
<tbody>
<tr>
<td>189</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Données sur le moteur / module - Engine / Module Data

<table>
<thead>
<tr>
<th>Temps de fonctionnement depuis l'installation du mat'îl (Time Since New)</th>
<th>Cycles de fonctionnement (Cycles Since New)</th>
<th>Date (A-M-J) (Y-M-D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>2003.05.20</td>
</tr>
</tbody>
</table>

**Note:** Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

**Note:** For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

**Observations**

- Date (Installation d'entretien, de révision, bon de travail et timbre du vérificateur)
- Remarks (Maintenance/Overhaul, Facility, Work Order & inspection stamp)

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.
<table>
<thead>
<tr>
<th>Code de traitement thermique</th>
<th>Émis le (A-M-J) Issue Date (Y-M-D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZBGB</td>
<td>2003.05.20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Numéro du matériel</th>
<th>Numéro de série du matériel</th>
</tr>
</thead>
<tbody>
<tr>
<td>DISC-TURBINE</td>
<td>A001CMLA</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Temps de fonctionnement depuis l'installation du matériel</th>
<th>Temps de fonctionnement depuis l'enlèvement du matériel</th>
<th>Modèle</th>
<th>Engine / Module Model</th>
<th>TSN When Material Installed</th>
<th>Numéro de série du moteur / module</th>
<th>Temps - Time</th>
<th>Cycles</th>
<th>Temps - Time</th>
<th>Cycles</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 PCE-RR0044 PT6A-35</td>
<td>0</td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Nota : Pour connaître les durées de vie accumulées et résiduelles du matériau, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.
AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

Second Edition

January 1987
1. Make
Pratt & Whitney Canada Corp.

2. Model
PT6A-35

3. Specification

4. Manufacturer's Serial Number
B/S: 1143  E.T.C. E-15

5. Date of Manufacture
PCE- RR0044

6. Aircraft Inspection Cycle
MAY 2003
<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME RUN</th>
<th>TIME SINCE OVERHAUL</th>
<th>INSTALLATIONS, INSPECTIONS,</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HRS. MIN.</td>
<td>HRS. MIN.</td>
<td>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</td>
</tr>
<tr>
<td>Brought forward</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21 May 2003</td>
<td>00 00</td>
<td>00 00</td>
<td></td>
</tr>
</tbody>
</table>

New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.

December 13, 2003

N8001V C90A Ser# LJ-1265 TTESN 0.00 CSN 0.00

Ronald E. Wilburn
A&P 002530831
**MAINTENANCE RECORD**

<table>
<thead>
<tr>
<th>TRIM SPEED Ng</th>
<th>359/7</th>
<th>% Ng MAX: 95.8</th>
</tr>
</thead>
</table>

**Model** Pratt & Whitney PT6-35  
**Serial#** PCERR0044  
**Position** Right

**Complied with the following inspections:**
Phase 3

The engine identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order. Pertinent details of the repair are on file at this repair station under work order # 4089.

Signed:  
for:  
Date 3/31/04  
PRECISION JET SERVICE, INC., CRS#POZR555Y  
1925 SE Airport Road, Hangar # 2, Stuart, Fl 34996

**Model** Pratt & Whitney PT6-35  
**Serial#** PCERR0044  
**Position** Right

**Complied with the following inspections:**
Phase 4  
400hr. Clean & flow fuel nozzles.

The engine identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order. Pertinent details of the repair are on file at this repair station under work order # 4190.

Signed:  
for:  
Date 7/24/04  
PRECISION JET SERVICE, INC., CRS#POZR555Y  
1925 SE Airport Road, Hangar # 2, Stuart, Fl 34996
<table>
<thead>
<tr>
<th>Model</th>
<th>Pratt &amp; Whitney PT6-35</th>
<th>ETT</th>
<th>560.9</th>
</tr>
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<tbody>
<tr>
<td>Serial#</td>
<td>PCERR0044</td>
<td>ETC</td>
<td>715</td>
</tr>
<tr>
<td>Position</td>
<td>Right</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Complied with the following inspections:
Phase 1

The engine identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order.
Pertinent details of the repair are on file at this repair station under work order # 4279.

 Signed: [Signature] Date 12/10/04

PRECISION JET SERVICE, INC., CRS#POZR555Y
1925 SE Airport Road, Hangar # 2, Stuart, Fl 34996

<table>
<thead>
<tr>
<th>Model</th>
<th>Pratt &amp; Whitney PT6-35</th>
<th>ETT</th>
<th>772.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Serial#</td>
<td>PCERR0044</td>
<td>ETC</td>
<td>958</td>
</tr>
<tr>
<td>Position</td>
<td>Right</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Complied with the following inspections:
Phase 2
400 hr. Fuel nozzle inspection.

Complied with the following maintenance:
1. Installed new ignitor plugs p/n CH34055.

The engine identified above was repaired and inspection in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order.
Pertinent details of the repair are on file at this repair station under work order # 5070.

 Signed: [Signature] Date 4/8/05

PRECISION JET SERVICE, INC., CRS#POZR555Y
1925 SE Airport Road, Hangar # 2, Stuart, Fl 34996

<table>
<thead>
<tr>
<th>Model</th>
<th>Pratt &amp; Whitney PT6A-35</th>
<th>ETT</th>
<th>975.5</th>
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</thead>
<tbody>
<tr>
<td>Serial#</td>
<td>PCERR0044</td>
<td>ETC</td>
<td>1210</td>
</tr>
<tr>
<td>Position</td>
<td>Right</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Complied with the following inspections:
Phase 3
1000 hr. oil filter change p/n 3033315.

The engine identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order.
Pertinent details of the repair are on file at this repair station under work order # 5136.

 Signed: [Signature] Date 7/27/05

PRECISION JET SERVICE, INC., CRS#POZR555Y
1925 SE Airport Road, Hangar # 2, Stuart, Fl 34996

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.
Model: Pratt & Whitney PT6A-35
Serial#: PCERR044
Position: Right

Complied with the following inspections:
Phase 4
400 hr. clean & flow of engine fuel nozzles.

The engine identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order.
Pertinent details of the repair are on file at this repair station under work order # 5207.

Signed: ___________________________ Date 11/15/05
For: PRECISION JET SERVICE, INC., CRS#POZR555Y
1925 SE Airport Road, Hangar #2, Stuart, Fl 34996

--

Model: Pratt & Whitney
Serial#: PCERR044

Complied with the following inspections:
Phase 1

The engine identified above was repaired and inspected in accordance with Executive Airlink's AAIP and current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order.
Pertinent details of the repair are on file at this repair station under work order # 6081.

Signed: ___________________________ Date 3/28/06
For: PRECISION JET SERVICE INC., CRS#POZR555Y
1925 SE Airport Road, Hangar #2, Stuart, Fl 34996

--

Model: Pratt & Whitney
Serial#: PCERR044

Maintenance:
1. Installed overhauled fuel pump
2. Installed fuel pump

The engine identified above was repaired and inspected in accordance with Executive Air Links AAIP and current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order.
Pertinent details of the repair are on file at this repair station under work order # 6149.

Signed: ___________________________ Date 7/7/06
For: PRECISION JET SERVICE INC., CRS#POZR555Y
1925 SE Airport Road, Hangar #2, Stuart, Fl 34996

--
**SOUTHEAST TURBINES, CORP.**

**FAA CERTIFIED REPAIR STATION E7BR2310**

2300 N.W. 55th Court, Suite 112  
Ft. Lauderdale, FL 33309  
Tel: 954-491-8119  
Fax: 954-491-8117

---

**Engine Model PT6A-35  S/N PC-E-RR0044  Aircraft Reg.# N8001V**

**TTSN: 1.562.0  TCSN: 1.896 Hobbs: 6.714.6**

Installed bleed valve p/n 3100829-03 s/n 3A766 overhauled by Southeast Turbines,  
Corp. on their wo TS2811. Rigged and ran engine and found operation OK. All work  
was performed in accordance with Pratt and Whitney PT6A-35 Maintenance Manual p/n  
3058362 Revision #8 Dated June 16, 2006.

---

The aircraft engine identified above was repaired and inspected in accordance with current  
regulations of the Federal Aviation Administration and is approved for return to service. Pertinent  
details of the repair are on file under work orders #TS3013.

Date: August 4, 2006  
Signed: William E. Ahern for FAA Repair Station E7BR2310

---

**South Beech Aviation, Inc.**

Beechcraft Maintenance Specialist  
December 08, 2006, T.T. 1746.2, T.C. 2087, A/C T.T. 6898.8, A/C T.C. 8107, H.M. 6898.8, Pratt & Whitney Model  
PT6A-35, S/N PCE-RR0044, Right Position on Reg: N8001V.  
Performed a phase three inspection in accordance with the Beech King Air 90 Series  
maintenance manual, P/N 90-559012-13, Rev B11, Chapter 05-25-03, Pgs. 201 – 222.  
C/W S/N 0663-600,T.B.O. Items. (1) replaced overspeed governor due for overhaul; installed  
overhauled unit from rocky mountain propellers on their wo 28598, S/N ON-1689776M, P/N  
210631, S/N OFF-1743974, P/N 210631K. (2) performed engine oil filter inspection and found ok. (3) performed  
the oil scavenge pump inlet screen inspection and found ok. (3) performed chip  
detector inspection and found ok. (4) performed compressor and ct wheel water wash. (5)  
replaced igniters with new, P/N CH 34055.  
ADs were reviewed through bi-weekly 2006-22. Engine was given a ground run and checked for  
leaks and proper operation.

---

**Maintenance Release**  
The aircraft, engine, propeller, has been inspected in accordance with a phase two inspection and was  
determined to be in an airworthy condition. The results of this inspection are recorded on work order #:  
W1376  
Date: 12/08/2006.  
Signature of authorized representative:  
for South Beech Aviation, Inc. FAA Repair Station  
#LWVR784X, 1029 N.W. 62nd ST., HANGER 2, FT. LAUDERDALE FL 33309.

---

CARRIED FORWARD
Preformed a HOT SECTION INSPECTION in accordance with the PT6A-35 Maintenance Manual. Calibrated torque and ITT indications. C.T. Disk was FPI inspected by Engineering & Inspection Unlimited on their WO EIA07-0020. Rebladed, trued and balanced C.T. Disk assembly using 52ea. blades overhauled by Turbine Component Services, Goodrich Co. on their WO 64501-1346513, 6ea. new blades, p/n 3123071-01, OD to 8.551". Reworked inner exit duct using 9ea. new shroud segments p/n 3018503 CL8,1ea. new retaining ring, p/n 3020159, 1ea. new seal ring, p/n 3024992. Pre-machined ID to 8.579". Combustion Liner p/n 3122633-01 s/n 64N468 was inspected. Functionally tested bleed valve. Cleaned and functionally tested fuel nozzles. Inspected oil filter. Inspected and functionally tested chip detector. Engine was washed, serviced with BP2380 oil, leak checked, and cowled. A ground performance run was carried out. No leaks noted and operation found OK. All work performed in accordance with Pratt & Whitney PT6A-35 Maintenance Manual P/N 3058362 revision #8 dated June 16, 2006.

The aircraft engine identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file under work orders #TS3152.

Date: January 29, 2007  
Signed: William E. Ahern for FAA Repair Station E7BR2310
<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME RUN</th>
<th>TIME SINCE OVERHAUL</th>
<th>INSTALLATIONS, INSPECTIONS,</th>
<th>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HRS.</td>
<td>MIN.</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>HRS.</td>
<td>MIN.</td>
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<tr>
<td></td>
<td>HRS.</td>
<td>MIN.</td>
<td></td>
<td></td>
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</tbody>
</table>

**Brought Forward**

7/2/02

- AFR 7312.3
- Lng 8593
- TSO 2151.4
- TSHF 365.6
- CSF 2283
- CSSO 2283
- CGSHF 240

**Engine Identified Above was Inspected and Repaired in accordance with Executive Air Link's AAIP and manufacturer's specification current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order 2601**

1. Complied with Phase 2 and 100 hour inspection requirements.
2. Removed Fuel Nozzles, cleaned, inspected and flow checked.
3. Complied with general engine inspection.
4. Complied with Turbine and compressor wash.
5. Complied with Start generator drive gear spline wear inspection.
6. Complied with 100 hour inspection, replaced the fuel and P3 filter.
7. Complied all in conjunction with the Phase 2 airframe inspection.

Authorized signature: [Signature]

Benjamin Smiley  
Certificate Number: 3097861

**AERODYNE CORPORATION**  
1-888-989-7477, www.aerodynecorp.com  
2419 SE Dixie Highway Stuart, Florida, 34996
AERODYNE CORP
TURBINE REPAIR SERVICES

Make: Beach C90
S/N: LJ1265
ACTT: 7862.4

LOG BOOK
Entry
Reg. No: N8001V
Date: 05/25/08
ATL: 9167

1. Complied with Phase 4 engine inspection requirements.
2. Removed Fuel Nozzles, cleaned, inspected and flow checked.
3. Complied with Start generator drive gear.
4. Complied with 100 hour inspection, replaced the fuel and P3 filter.
5. Complied all in conjunction with the Phase 4 airframe inspection.

The engine identified above was inspected and repaired in accordance with Executive air Link's AAIP and manufactures specification current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order 2601.

Authorized signature:
Benjamin Smiley
Certificate Number: 3097861

AERODYNE CORPORATION
1-888-989-7477, www.aerodynecorp.com
2419 SE Dixie Highway Stuart, Florida, 34996
<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME RUN</th>
<th>TIME SINCE OVERHAUL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HRS.</td>
<td>MIN.</td>
</tr>
</tbody>
</table>

**Brought Forward**

| Make:  | Beach C90 |
| S/N:   | L1265     |
| ATY:   | 86687     |
| LOG BOOK | Entry | Reg. No: | NB001V |
| Date:  | 12-15-08 |
| ATL:   | 9375     |

1. Compiled with Phase I inspection requirements.
2. Removed Fuel Nozzles, cleaned, inspected and flow checked.
3. Complied with general engine inspection.
4. Complied with Turbine and compressor wash
5. Complied with 100 hour inspection, replaced the fuel and P3 filter.
6. Complied all in conjunction with the Phase I airframe inspection.

The engine identified above was inspected and repaired in accordance with Executive Air Link's AALP and manufacturer's specifications and current Federal Aviation Regulations and is approved for return to service with respect to the work accomplished in this work order.

Authorized signature: 

Benjamin Smiley

Certificate Number: 3097861

AERODYNE CORPORATION
1-888-989-7477, www.aerodyne corp.com
2418 SE Dixie Highway Stuart, Florida, 34996

CARRIED FORWARD
MAINTENANCE ENTRY

Aircraft Make: Beech C-90  Reg. # 8001V
Aircraft S/N: LJ1265  
Right Engine: PT6A-35  S/N: PCE-RR0044

TTSN 3114  TCSN 3511
TSO NA  CSO NA
TSHSI 1328.5

Engine Removed from Aircraft
August 07, 2009

Mechanic: 
A&P Certificate No.: 3352157

DATE: 11/20/09  JOB NO: 1301  CUSTOMER: B & C Investments Partners LLC
ENG. MODEL: PT6A-35  ENG. S/N: PCE-RR0044  ENG. TT: 3,114

INSPECTION PARTS LIFE SUMMARY

GAS CASE AND ACCESSORY GEAR BOX SECTION

<table>
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<tr>
<th>NOMENCLATURE</th>
<th>PART NO.</th>
<th>S/N</th>
<th>HOURS USED</th>
<th>CYCLES USED</th>
<th>CYCLES REMAINING</th>
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<td>IMPELLER</td>
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<td>DISK, COMPRESSOR TURBINE</td>
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<td>A001CDLA</td>
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<td>DISK, POWER TURBINE</td>
<td>3022312</td>
<td>A001CMLA</td>
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REMARKS:

Don Morrison
A&P 2811730
MAINTENANCE RECORD

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

MAINTENANCE ENTRY

Aircraft Make: Beech C-90
Aircraft S/N: LJ1265
Right Engine: PT6A-35 S/N: PCE-RR0044

TTSN 3114 TCSN 3511
TSO NA CSO NA
TSHSI 1328.5

Engine Removed from Aircraft
August 07, 2009

Mechanic:
A&P Certificate No.: 5327157

DATE: 2/16/10  ENG. MODEL: PT6A-35  ENG. S/N: PCE-RR0044
ENG. TSN: 3,114.0  ENG. CSN: 3,511

Engine received for repairs as follows:


2. Compressor removed for cleaning and recoating. All applicable Compressor Components replaced with Cadmium Plate. Compressor Turbine P/N 3024211, S/N A001CMLA was riveted, skim-cut, to a Diameter of 8.550" and Balance by Prime Turbines on W.O. C1240.

3. Rebuilt Inner Exit Duct Assembly. Installed small exit duct P/N 3022685, S/N PW05-01565R overhauled by Aviation Welding on W.O. 848021 installed Compressor Turbine Vane Ring P/N 3032451, S/N 059B overhauled by SIFCO on W.O. 5692. Installed Inner Exit Duct and ground clearance to 0.012".

4. Complied with a Hot Section Inspection. All Hot Section components in serviceable condition, Cleaned and Flowed Fuel Nozzles, replaced (4) each Nozzle Tips P/N 3010036.


7. Engine was reassembled as necessary and prepared for Test. Engine was Test Run by Prime Turbines on W.O. R1154 with following Results: 732 SHP; T5: 1749°R; Ng Speed: 36,540; SFC: .0548. Engine was purged of all fluids and prepared for shipping.

All work performed in accordance with manufacturer's maintenance manual and current FAA regulations.

Don Morrison
A&P 2811730
<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME RUN</th>
<th>TIME SINCE OVERHAUL</th>
<th>INSTALLATIONS, INSPECTIONS,</th>
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</thead>
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<tr>
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<td>HRS. MIN.</td>
<td>HRS. MIN.</td>
<td>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</td>
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</tbody>
</table>

**ENGINE SERVICE AND**

---

**PRIME TURBINES**  
Repair Station KKOR693Y  
Model: PT6A-35 Serial Number: PCE-RR0044 Work Order: R1154 Date: February 22, 2010  
Type Test: Overhaul  
Oil Type: BP2380  
Fuel Type: Jet A

<table>
<thead>
<tr>
<th>Rating</th>
<th>SHP</th>
<th>Ng</th>
<th>°R</th>
<th>°T</th>
<th>°C</th>
<th>SFC</th>
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<tr>
<td>Test Point A</td>
<td>750</td>
<td>36641</td>
<td>1758</td>
<td>703.5</td>
<td>.5854</td>
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<td>Test Point B</td>
<td>732</td>
<td>35640</td>
<td>1748</td>
<td>698.0</td>
<td>.6200</td>
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Data Plate: 97.7 %

T5 Pull Down Required 46.1 C

Adjusted@ 12.0 OHMS

CT Vane Class UNK

PT Vane Class UNK

Cavity UNK


Model: PT6A-35 Serial Number: PCE-RR0044  
TSN: 3087.5 Hrs. CSN: 3511

The aircraft engine nce with current maintenance rules of the Federal Aviation Regulation and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. R1154 Date: February 22, 2010.

Signed: [Signature of authorized representative]

For:

**PRIMETURBINES**  
1615 Diplomat Drive  
Carrollton, TX 75006  
(972) 406-2100  
F.A.A. Certified Repair Station KKOR693Y
**MAINTENANCE RECORD**

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

**PRIME TURBINES**

Repair Station KKO693Y

Model: PT6A-35  Serial Number: PCE-RR0044  Work Order: R1154  Date: February 22, 2010

INSTALLED EXTERNAL COMPONENTS / ACCESSORIES

<table>
<thead>
<tr>
<th>Serialized Component</th>
<th>P/N</th>
<th>S/N</th>
<th>TSO</th>
<th>REMARKS</th>
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<tbody>
<tr>
<td>Propeller Governor</td>
<td>8210-0025</td>
<td>2700842J</td>
<td>T/C</td>
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<tr>
<td>Propeller O/S Governor</td>
<td>210631</td>
<td>245A580M</td>
<td>T/C</td>
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<td>Ng Tach Generator</td>
<td>50-389052-1</td>
<td>14712</td>
<td>T/C</td>
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<tr>
<td>Nf Tach Generator</td>
<td>Not Received</td>
<td></td>
<td>T/C</td>
<td></td>
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<tr>
<td>Torque Limiter</td>
<td>Not Received</td>
<td></td>
<td>T/C</td>
<td></td>
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<tr>
<td>Fuel Pump</td>
<td>386101-5</td>
<td>0206</td>
<td>T/C</td>
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<tr>
<td>Fuel Control (FCU)</td>
<td>32444809-8</td>
<td>C65305</td>
<td>T/C</td>
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<tr>
<td>Oil To Fuel Heater</td>
<td>3032710</td>
<td>WA19551</td>
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<td>Flow Divider</td>
<td>3019906</td>
<td>21258</td>
<td>T/C</td>
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<tr>
<td>Compressor Bleed Valve</td>
<td>3100529-03</td>
<td>A6900</td>
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<table>
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<tr>
<th>Component</th>
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<th>TSO</th>
<th>REMARKS</th>
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<tr>
<td>Oil Filter</td>
<td>3034939WFR</td>
<td>Customer Original</td>
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<tr>
<td>P3 Filter</td>
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MAXIMUM HOURS BETWEEN OVERHAULS: ___________ HOURS.
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<th>S/B</th>
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<td>&quot;NO APPLICABLE AIRWORTHINESS DIRECTIVES&quot;</td>
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<td>21 May 2003</td>
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<td>FOR LIST OF S.B'S INCORPORATED SEE ATTACHED ENGINE BUILD RECORD</td>
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<tr>
<td></td>
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<td>STATUS REPORT SHEET.</td>
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NAME PRINTED: M. DUNCAN
PRATT & WHITNEY CANADA

ENGINE BUILD RECORD STATUS

THE FOLLOWING SERVICE BULLETINS ARE BASIC TO:

ENGINE SERIAL NO.  PCE-RR0044
ENGINE MODEL     PT6A-35
BUILD SPEC       1143

SERVICE BULLETINS
   1619   1621

APPROVED BY: M. DUNCAN

DATE: 2003.05.20
1. Approving National Aviation Authority/Country: FAA/UNITED STATES

2. **AUTHORIZED RELEASE CERTIFICATE**
   FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: R1154-9000-1

4. Organization Name and Address:
   PRIME TURBINES
   1615 DIPLOMAT DRIVE
   CARROLLTON, TX 75006
   (972) 406-2100

5. Work Order/Contract/Invoice Number: R1154


<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Part Number</th>
<th>Eligibility</th>
<th>Quantity</th>
<th>Serial/Batch Number</th>
<th>Status/Work</th>
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<tr>
<td>1</td>
<td>Complete Engine Assembly</td>
<td>PT6A-35 (3057768-01)</td>
<td>N/A</td>
<td>1</td>
<td>PCE-RR0044</td>
<td>Tested</td>
</tr>
</tbody>
</table>

13. Remarks

   TSN: 3087.5 Hrs. CSN: 3511

CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA ACCEPTANCE CERTIFICATE NUMBER: EASA 145.6172

14. Certifies the items identified above were manufactured in conformity to:

   - Approved design data and are in a condition for safe operation.
   - Non-approved design data specified in Block 13.

19. ☐ 14 CFR 43.9 Return to Service  ☑ 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: [Signature]

16. Approval/Authorization No.: KK0R8939Y

17. Name (Typed or printed): David E. Benat

18. Date (m/d/y): Feb 22 2010

19. 14 CFR 43.9 Return to Service  ☑ 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.

20. Authorized Signature: [Signature]

21. Approval/Certificate No.: KK0R8939Y

22. Name (Typed or printed): David E. Benat

23. Date (m/d/y): Feb 22 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.
**AUTHORIZED RELEASE CERTIFICATE**

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

| 1. Approving National Aviation Authority/Country: | 2. Form Tracking Number: |
| FAA/UNITED STATES | C1240-9000-1 |

| 4. Organization Name and Address: | 5. Work Order/Contract/Invoice Number: |
| PRIME TURBINES | C1240 |
| 1615 DIPLOMAT DRIVE | |
| CARROLLTON, TX 75006 | |

<table>
<thead>
<tr>
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<th></th>
<th></th>
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</thead>
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<tr>
<td>1</td>
<td>Balancing Assy, Compressor Rotor</td>
<td>3050905</td>
<td>N/A</td>
<td>1</td>
<td>N/A</td>
<td>REPAIR</td>
</tr>
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</table>

13. Remarks
This Compressor Rotor Balance Assembly was balanced in accordance with the current Pratt & Whitney Canada PT6A-35 Overhaul Manual P/N 301243 Revision 36 dated July 3, 2009. Pertinent details are on file at this repair station under Work Order C1240.

Removed from Engine Serial Number PCE-RR0043
CSN: 3,511

CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA ACCEPTANCE CERTIFICATE NUMBER: EASA.145.6172.

14. Certifies the items identified above were manufactured in conformity to:
- [ ] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 13.

15. Authorized Signature: Roy K. Hoffmann
16. Approval/Authorization No.: KKO693Y
17. Name (Typed or printed):
18. Date (m/d/y): 12/17/2009

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.

FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data.*

NSN: 0052-00-012-9005
## AUTHORIZED RELEASE CERTIFICATE

**FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
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<th>Eligibility</th>
<th>Quantity</th>
<th>Serial/Batch Number</th>
<th>Status/Work</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Disk Assy, Compressor Turbine</td>
<td>3123075-01</td>
<td>N/A</td>
<td>1</td>
<td>A001CDLA</td>
<td>REPAIRED</td>
</tr>
</tbody>
</table>

### Remarks

- This Compressor Turbine Disk Assembly was repaired in accordance with the current Pratt & Whitney Canada PT6A-35 Overhaul Manual P/N 3021243 Revision 36 dated July 3, 2009. Skim-cut CT Disk to an O.D. of 8.550" with 0 degree 30" taper and detail balanced. Pertinent details are on file at this repair station under Work Order C1240.
- Removed from Engine Serial Number PCE-RR0044
- CSN: 3,511

**CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA ACCEPTANCE CERTIFICATE NUMBER: EASA.145.6172.**

### 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.
1. Approving National Aviation Authority/Country:
   FAA/UNITED STATES

2. AUTHORIZED RELEASE CERTIFICATE
   FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:
   PRIME TURBINES
   1615 DIPLOMAT DRIVE
   CARROLLTON, TX 75006

5. Work Order/Contract/Invoice Number:
   C1240

   1. BALANCE ASSY, ROTOR P.T. 3104404-01 N/A 1 NSN REPAIRED

13. Remarks
   This Power Turbine Assembly was repaired and balanced in accordance with the current Pratt & Whitney Canada PT6A-35 Overhaul Manual P/N 3021243 Revision 36 dated July 3, 2009. Pertinent details are on file at this repair station under Work Order C1240.
   Removed from Engine Serial Number PCE-RR0044
   CSN: 3,511

   CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA ACCEPTANCE CERTIFICATE NUMBER: EASA.145.6172.

14. Certifies the items identified above were manufactured in conformity to:
   - Approved design data and are in a condition for safe operation.
   - Non-approved design data specified in Block 13.

15. Authorized Signature:

16. Approval/Authorization No.:

17. Name (Typed or printed):

18. Date (m/d/y):

19. ☑ 14 CFR 43.9 Return to Service ☑ 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.

20. Authorized Signature:

21. Approval/Certificate No.:
   KKOR693Y

22. Name (Typed or Printed):
   Roy K. Hoffmann

23. Date (m/d/y):
   12/17/2009

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.

FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005
# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

| 1. Approving National Aviation Authority/Country: | 2. | 3. Form Tracking Number: |
| AERONAUTICAL | | 09K049 |

| 4. Organization Name and Address: | 5. Work Order/Contract/Invoice Number: |
| AERO Component Repair LLC | 09K049 |
| 3625 West Arkansas | |
| Durant, Oklahoma 74701 | |

| Exhaust Duct | 3111780-01 | PWC-PT6 | 1 | 24N331 | Overhauled |

13. Remarks

Overhauled per PWA OHM 3013243 and Replaced Flanges “C” & “D” per AIM SP 039 and complied with SB 1610.

14. Certifies the items identified above were manufactured in conformity to:

- [X] Approved design data and are in a condition for safe operation.
- [ ] Non-approved design data specified in Block 13.

15. Authorized Signature: 

16. Approval/Authorization No.: 

17. Name (Typed or Printed): 

18. Date (m/d/y): 

19. [X] 14 CFR 43.9 Return to Service

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.

20. Authorized Signature: 

21. Approval/Certificate No.: XWRMR879K

22. Name (Typed or Printed): WILLIAM MOSKWA, Chief Inspector

23. Date (m/d/y): 12/30/09

---

**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/assemblies.

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.

FAA Form 8130-3 (6-01) 

*Installer must cross-check eligibility with applicable technical data

NSN: 0052-00-012-9005
# AUTHORIZED RELEASE CERTIFICATE

**FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**

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<th>Description</th>
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<th>Eligibility</th>
<th>Quantity</th>
<th>Serial/Batch Number</th>
<th>Status/Work</th>
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### Remarks:

INSPECTED AND OVERHAULED PER PWC 725003-SRR-14, REV 3, FEB 25, 2001 AND PWC APPROVED PROCESS CPN 31613  
Flow Class: 6.02  
Cavity 2S3

Packing Slip: 112871

Certifies that the work specified in block 12/13 was carried out in accordance with EASA Part 145 and with respect to that work the aircraft component is considered ready for release to service under EASA Acceptance Certificate Number: EASA 145.4868. Certifies that the work was performed in accordance with Canadian Air Regulation (CAR 573).

14. Certifies the items identified above were manufactured in conformity to:

- [ ] Approved design data and are in condition for safe operation.
- [ ] Non-approved design data specified in Block 13.

19. ❑ 14 CFR 43.9 Return to Service  ❑ 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.

### 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 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.

**Barbara Jo Lavalle**

**December 30, 2009**
# Authorized Release Certificate

**FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG**

**Authority/Country**
- FAA/UNITED STATES

**Organization Name:** BEARING INSPECTION, INC.
- A TIMKEN COMPANY
- 4422 CORPORATE CENTER DRIVE
- LOS ALAMITOS CA-90720-2539 USA

**Sales Order / Line / Work Order**
- Form Tracking Number: 386367
- Customer No: 24550
- P.O., Contract, or Invoice Number: 5690 - 1

**Line Item**

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<th>Item</th>
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<th>Eligibility</th>
<th>Quantity</th>
<th>Serial/Batch No.</th>
<th>Status/Work</th>
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<tr>
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**Remarks:** Return to service

Documents describing the actual work performed are on file at BEARING INSPECTION, INC.

**BEARING REFURBISHED/RECONDITIONED IN ACCORDANCE WITH FAA APPROVED PRODUCT SPEC. C747 REV L**

**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 works 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 components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 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 regulation by the user/installer before the aircraft may be flown.
| 1. || 2. | 3. |
|---|---|---|
| Approving National Aviation Authority/Country: | FAA/United States | Form Tracking Number: |
| 2. || 4. | 5. |
| Authorized Release Certificate | FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG | Work Order/Contract Invoice Number: |
| 3. | 6. | 7. |
| Form Tracking Number: | Organization Name and Address: | Work Order/Contract Invoice Number: |
| 13182A-147 | Aviation Welding Technologies, LLC 73 Commerce Drive Uxbridge MA 01569 | 846021 |
| 8. | 9. | 10. |
| FAA Repair Station # W0IR070X | FAA Repair Station # W0IR070X | EASA.145.5357 |
| EASA.145.5357 | Item: | Remarks: |
| 14. | Description: | Overhauled and Inspected; Reference PWC O/H/M # 3021243 Rev. No. 36, Jul 03/2009 |
| 15. | Part Number: | 16. |
| Small Exit Duct | 3022685 | Date (mm/dd/yyyy): |
| 17. | Eligibility: | 18. |
| N/A | Approved design data and are in a condition for safe operation. | Date (mm/dd/yyyy): |
| 1 | PWV05-0156SR | Authorized Signature: |
| 21. | Status/Work: | Name (Typed or Printed): |
| OVERHAULED | FAA Form 8130-3 (6-01) | David Auretto |
| Engine S/N: | "Certifies that the work specified in Block 12/13 was carried out in accordance with PART-145 and in respect to that work the aircraft component is considered ready for release to service under EASA Approval Certificate Number: EASA.145.5357" |
| 4 CFR 43.9 Return to Service | 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. |
| 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.

WSN: 0052-00-012-9005
### Index of Engine Documentation

**Engine Number:** PCE-RR0044

<table>
<thead>
<tr>
<th>Document Name</th>
<th>Quantity of Documents</th>
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<tbody>
<tr>
<td>Final Acceptance Test Record Sheet</td>
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<tr>
<td>Engine Serialized Component Summary</td>
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</tr>
<tr>
<td>Life Limited Material History Record</td>
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<tr>
<td>Life Limited Blades History Record (when applicable)</td>
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<tr>
<td>Supplementary Information Sheet (when applicable)</td>
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<tr>
<td>Fan Blade Distribution Sheet (when applicable)</td>
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<tr>
<td>Engine Build Record Status Report (SB)</td>
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<tr>
<td>Engine Log Book (Yellow Book)</td>
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<tr>
<td>Final Vibration Survey (when applicable)</td>
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<td>Authorized Released Certificate (Form 24-0078)</td>
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**Date:** May 21, 2003

**Note:** This index reflects the quantity of Shipping Documentation supplied with the engine.

**Issue Date:** October 4th, 2002