

# N787TT

## 1978 King Air C90

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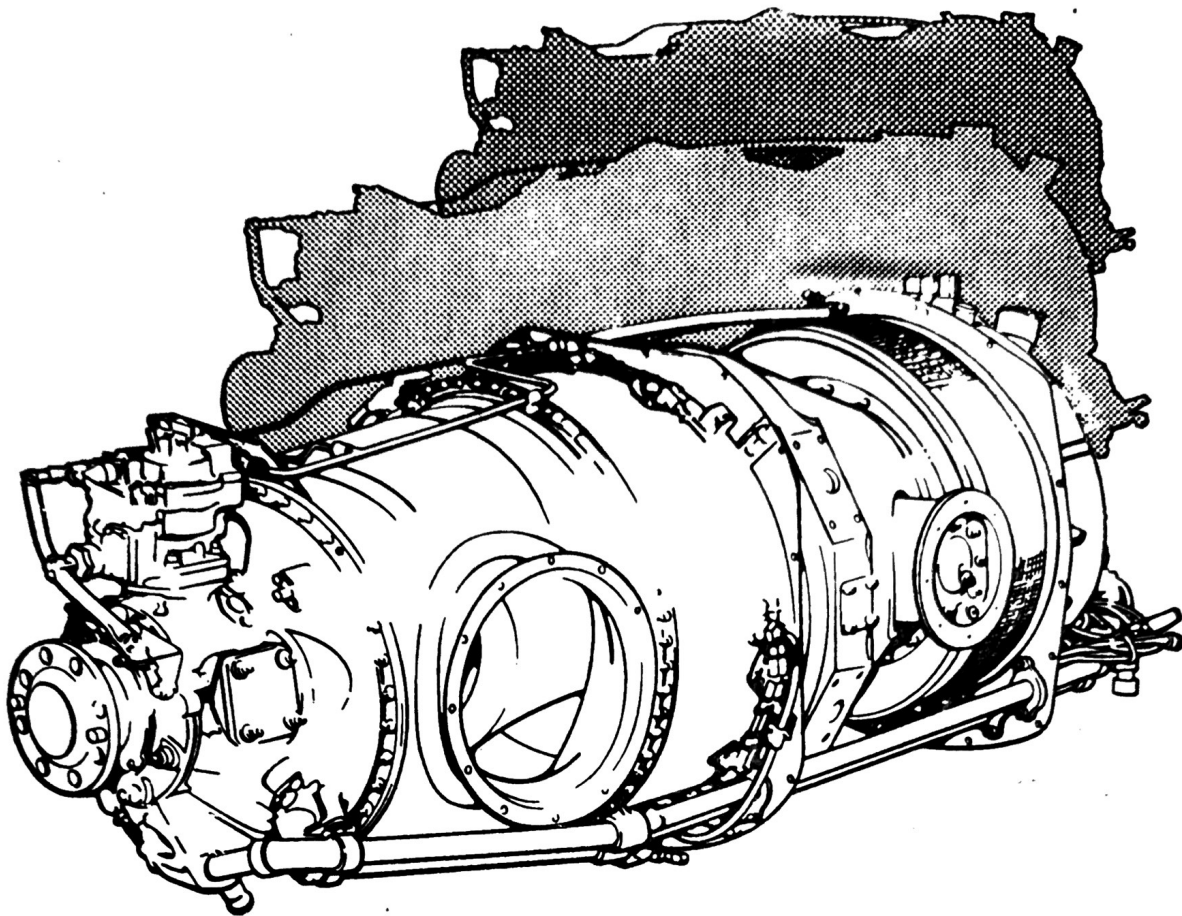
# Left Engine Logbooks



**RidgeAir**  
WORLDWIDE  
aviation specialists

**MSN: LJ-787**

*Prepared by the worldwide aviation specialists at RidgeAir, Inc.*



**LJ-1550 LEFT**  
**ENGINE LOGBOOK**  
**PT6A TURBOPROP ENGINE**

PCE-PE0216



**PRATT & WHITNEY CANADA**

1. Approving National Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>162812</b>	
4. Organization Name and Address: <b>PRATT &amp; WHITNEY ENGINE SERVICES, INC.</b> <b>1525 MIDWAY PARK ROAD</b> <b>BRIDGEPORT, WEST VIRGINIA 26330</b> <b>REPAIR STATION CERTIFICATE NO. LM1R301K</b>					5. Sales Order/Contract/Invoice Number: <b>162812</b>		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
<b>ONE</b>	<b>ENGINE, TURBOPROP PT6A-21</b>	<b>3027500</b>	<b>N/A</b>	<b>ONE</b>	<b>PCE-PE0216</b>	<b>OVERHAULED</b>	
13. Remarks: <b>TTSN: 3550.3 TCSN: 5705 TTSO: -0.0- TCSO: -0-</b> <b>THIS ENGINE HAS BEEN OVERHAULED, INSPECTED AND TESTED IN ACCORDANCE WITH P&amp;WC OVERHAUL MANUAL P/N 3013243, REV 32, DATED 3 JULY 2009, AND APPROVED DOCUMENTATION AND/OR ENGINEERING DOCUMENTATION ACCEPTABLE TO THE ADMINISTRATOR.</b> <i>ENGINE TEST CERTIFICATE, LIFE LIMITED PARTS LOG, STATUS OF AIRWORTHINESS DIRECTIVES FOR THIS SHOP VISIT, LIST OF SERVICE BULLETINS INCORPORATED THIS VISIT, LIST OF PARTS REPLACED, AND ENGINE SHIPPING CHECKLIST ARE ATTACHED TO THE LOGBOOK. PERTINENT DETAILS OF THE WORK PERFORMED ARE ON FILE AT THIS REPAIR STATION UNDER THE ABOVE SALES ORDER NUMBER.</i>							
14. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: <b>LM1R301K</b>	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): <b>JEFF CONAWAY, AUTHORIZED INSPECTOR</b>		23. Date (m/d/y): <b>APRIL 16, 2010</b>	
<b>User/Installer Responsibilities</b>							
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.							

# PRATT & WHITNEY ENGINE SERVICES, INC.

## PT6 LIFE LIMITED PARTS LOG

OVERHAUL    REPAIR    H.S.I.

DATE	SALES ORDER	CUSTOMER	REF: SB 1002 REV.25
APRIL 16, 2010	162812	YUBA SUTTER AVIATION	SEE *NOTE

MODEL	SERIAL NUMBER	TTSN	TCSN	TTSO	TCSO
PT6A-21	PCE-PE0216	3550.3	5705	-0.0-	-0-

PART NAME	PART NUMBER	SERIAL NUMBER	TTSN	TCSN	CYCLES REMAINING	CYCLE LIMIT
HUB ASSY	3013111	57B712	3550.3	5705	13295	19000
2ND STAGE DISK	3013712	A0002FFR	3550.3	5705	18295	24000
3RD STAGE DISK	3011713	A0002KKH	3550.3	5705	19295	25000
IMPELLER	3013176	3H596	3550.3	5705	13295	19000
C.T. DISK	3013411	A0002HP9	3550.3	5705	10295	16000
P.T. DISK	3026812	A0002HPP	3550.3	5705	14295	20000
C.T. BLADES	3023401	---	qty 43 o/h'd qty 15 0.0	---	---	---
1ST STAGE BUSHINGS	3035020	---	-0.0-	---	---	---
OIL FILTER	3059258-01	---	-0.0-	---	---	---

**REMARKS: \* NOTE: TIME AND CYCLES REMAINING MUST BE REVIEWED AT EACH SUBSEQUENT REVISION OF THE APPLICABLE SERVICE BULLETIN. THE CYCLES REMAINING ON THIS FORM ARE ONLY VALID FOR THE CURRENT REVISION OF THE SERVICE BULLETIN.**

*Jeff Conaway*

**JEFF CONAWAY, AUTHORIZED INSPECTOR**

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# PRATT & WHITNEY ENGINE SERVICES, INC.

## PT6 ENGINE SHIPPING CHECK LIST

SALES ORDER: 162812	ENGINE MODEL: PT6A-21
CUSTOMER: YUBA SUTTER AVIATION	

POWER SECTION SERIAL NUMBER: PE0216					
ITEM	DESCRIPTION	PART NUMBER	SERIAL NUMBER	TIME	REMARKS
1	PROPELLER GOVERNOR	8210-025-01	12143014	TSO: 0.0	OVERHAULED
2	TORQUE LIMITER	N/A	---	---	---
3	TACH GENERATOR	N/A	---	---	---
4	OVERSPEED GOVERNOR	N/A	---	---	---
POWER SECTION LOGBOOK* QUANTITY: N/A COLOR: N/A TYPE: N/A					

GAS GENERATOR SERIAL NUMBER: PCE-PE0216					
ITEM	DESCRIPTION	PART NUMBER	SERIAL NUMBER	TIME	REMARKS
5	THERMO. BYPASS	N/A	---	---	---
6	FUEL PUMP	386101-5	0076	TSO: 0.0	OVERHAULED
7	FUEL CONTROL	3244745-4	A72368	TSO: 0.0	OVERHAULED
8	OIL/FUEL HEATER	10552E	1493	TSO: 0.0	OVERHAULED
9	START CONTROL	N/A	---	---	---
10	IGNITION EXCITER	10-381550-4	NN01446637	TSO: 0.0	OVERHAULED
11	COMP. BLEED VALVE	3100829-03	AHX003033	TSO: 0.0	OVERHAULED
12	COMP. BLEED VALVE	N/A	---	---	---
13	FLOW DIVIDER	26035-1	11632	TSO: 0.0	OVERHAULED
ENGINE/GAS GEN LOGBOOK* QUANTITY: ONE COLOR: YELLOW TYPE: CANADIAN					

N/A - Not Applicable N/R - Not Received S/L - Ship Less C/T - Continue Time

DATE: APRIL 16, 2010

*Jeff Conaway*   
JEFF CONAWAY, AUTHORIZED INSPECTOR

Service Centre - PL81 - WV  
FAA ARS, No. LM1R301K

Pratt & Whitney Engine Service Inc.  
1525 Midway Park Road  
Bridgeport, West Virginia  
United States, 26330  
FAA ARS, No. LM1R301K

Status of Airworthiness Directives for This Shop Visit

Sales Order: 162812  
Description: GAS GENERATOR MODULE  
Model: PT6A-21  
Serial Number: PE0216


Customer: YUBA SUTTER AVIATION

Print Date: 16-APR-2010  
Page: 001 of 001

Document No.	Revision No.	Status
FAA 80-08-12 000	00	Embodied
FUEL PUMP DRIVE COUPLING SPLINES		
FAA 92-15-11 000	00	Embodied
COMP DELIVERY ACC LINE-PW PT6		
FAA 97-04-12 000	00	Embodied
COMPRESSOR BLEED OFF VALVES		

I hereby certify that the above airworthiness directives with status "EMBODIED" have been incorporated or found embodied in this engine as per the manufacturer's recommendations.

Authorized Inspector:

  
PWV 82

Status of Airworthiness Directives for This Shop Visit

Sales Order: 162812

Customer: YUBA SUTTER AVIATION

Description: POWER SECTION MODULE

Print Date: 16-APR-2010

Model: PT6A-21

Page: 001 of 001

Serial Number: PE0216

Document No.	Revision No.	Status
AWD CF-2002-47 001	00	Embodied
(T.A.) PT6A ENG. SERIES TURBINE EXHAUST		
AWD CF-2002-47 002	00	Embodied
(R.A.) PT6A ENG. SERIES TURBINE EXHAUST		
AWD CF-78-03 000	00	Embodied
IMPROVED KEYWASHER ON 1ST AND 2ND STAGE		
FAA 2002-23-13 000	00	Embodied
WELDS AND CRACKS - TURBINE EXHAUST DUCTS		

I hereby certify that the above airworthiness directives with status "EMBODIED" have been incorporated or found embodied in this engine as per the manufacturer's recommendations.

Authorized Inspector: \_\_\_\_\_

*Jeff Caraway*



Service Centre - PL81 - WV  
FAA ARS, No. LM1R301K

Pratt & Whitney Engine Service Inc.  
1525 Midway Park Road  
Bridgeport, West Virginia  
United States, 26330  
FAA ARS, No. LM1R301K

List of Service Bulletins and Special Instruction incorporated this visit.

Sales Order: 162812

Customer: YUBA SUTTER AVIATION

Module Name: GAS GENERATOR MODULE

Print Date: 16-APR-2010

Model: PT6A-21

Page: 001 of 001

Serial Number: PE0216

Document No.	Revision #	Class	Description
SB 1002 000	25	3	ROTOR COMPONENTS - SERVICE LIFE
SB 1282 000	00	8	FINE MESH OIL FILTER ELEMENT
SB 1506 000	02	6	OIL FILLER TUBE & OIL FILLER CAP & GAGE
SB 1591 000	02	8	COMPRESSOR STATORS - REPLACEMENT/
SB 1637 002	01	3	OIL TANK FILLER CAP INSP. OF (PART B)
SB 1638 002	01	8	SEAL, PLAIN - REPL OF. (OTHER ENGINE)
SB 1658 000	03	6	BOLTS & NUTS OF THE FCU CONNECTOR ROD -
SB 1659 000	00	8	OIL FILLER-TUBE - VALVE ASSY.- REPL. OF
SB 1666 000	01	5	BOLTS AND NUTS OF THE FCU CONNECTOR ROD
SB 1678 000	00	7	COMPRESSOR BLADES - REPLT/MOD. OF.
SB 1803 000	02	3	OPERATING TIME BETWEEN O/HAUL

I hereby certify that the above modifications and directives have been incorporated in this engine as per the manufacturer's recommendations.

Authorized Inspector: \_\_\_\_\_

*Jeff Canary* (PW 12)

Service Centre - PL81 - WV  
FAA ARS, No. LM1R301K

Pratt & Whitney Engine Service Inc.  
1525 Midway Park Road  
Bridgeport, West Virginia  
United States, 26330  
FAA ARS, No. LM1R301K

List of Service Bulletins and Special Instruction incorporated this visit.

Sales Order: 162812  
Module Name: POWER SECTION MODULE  
Model: PT6A-21  
Serial Number: PE0216

Customer: YUBA SUTTER AVIATION

Print Date: 16-APR-2010

Page: 001 of 001

Document No.	Revision #	Class	Description
SB 1002 000	25	3	ROTOR COMPONENTS - SERVICE LIFE
SB 1610 000	02	3	TURBINE EXHAUST DUCT - INSPECTION OF.
SB 1661 000	00	6	PROPELLER GOVERNOR - REPLACEMENT OF
SB 1803 000	02	3	OPERATING TIME BETWEEN O/HAUL

I hereby certify that the above modifications and directives have been incorporated in this engine as per the manufacturer's recommendations.

Authorized Inspector: \_\_\_\_\_

*Jeff Caraway* (PW 8)

# Liste des pièces remplacées

## List of Parts Replaced

### Dossier qualité - Quality Record

P&amp;WC JR3\_8934\_E (6934) (2004-10)

Date 2010.04.16

N° de série Serial No.	Module	Modèle Model	Bulletin de vente Sales Order No.	Client Customer
PE0216	GG	PT6A-21	162812	YUBA SUTTER AVIATION

N° de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
<b>EXCHANGE</b>				
10-381550-4	EXCITER-IGNITION	1		
10552E	HEATER OIL TO FUEL	1		
26035-1	FLOW DIVIDER & PURGE VALVE	1		
3007355	SPACER-FLAT,1.1845IDX1.450ODX.145THK	1		
3017609	GEARSHAFT STARTER GENERATOR DRIVE	1		
3032651CL03	VANE RING-TURBINE	1		
3043831-01	COMPRESSOR STATOR-ASSY OF	1		
3100829-03	VALVE ASSY-COMPRESSOR BLEED	1		
3106345-01	ADAPTER ASSY FUEL MANIFOLD,INLET	1		
3106346-01	ADAPTER ASSY FUEL MANIFOLD	3		
3106347-01	ADAPTER ASSY FUEL MANIFOLD	10		
3122802-06	CASE ASSY-GAS GENERATOR	1		
3244745-4	FUEL CONTROL UNIT AUTOMATIC	1		
386101-5	PUMP ASSEMBLY FUEL MAIN ENGINE	1		

<b>NEW</b>				
3007355	SPACER-FLAT,1.1845IDX1.450ODX.145THK	1		
3008787	CONNECTOR-ROD END,,190-32UNFX1.250	1		
3019438CL6	SHROUD SEGMENT	16		
3023401	BLADE-TURBINE	1		
3023401	BLADE-TURBINE	14		
3031417CL25	WIRING HARNESS-T5 TRIM	1		
3032096	IGNITER (IC)	2		
3036777	SEAL-FACE OPTION (IC)	1		
3058971-01	VALVE-OIL FILLER TUBE, ASSY OF	1		
3059046-01	SEAL-PL,,9375 SFT DIA1.4375X.312	1		
3059253-01	FILTER ELEMENT OPTION (IC)	1		
3059258-01	FILTER ELEMENT OPTION (IC)	1		
3119632-01	CABLE-IGNITION EXCITER TO IGNITER	2		
AKWV-27AGB	KIT	1		

# Liste des pièces remplacées

## List of Parts Replaced

### Dossier qualité - Quality Record

P&amp;WC JR3\_6934\_E (6934) (2004-10)

Date 2010.04.16

N° de série Serial No.	Module	Modèle Model	Bulletin de vente Sales Order No.	Client Customer
PE0216	GG	PT6A-21	162812	YUBA SUTTER AVIATION

N° de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
AKWV-27AIRINLET	KIT	1		
AKWV-27COMP	KIT	1		
AKWV-27EXTGG	KIT	1		
AKWV-27FPCTRL	KIT	1		
AKWV-27GASGEN	KIT	1		
AKWV-27HOTSECT	KIT	1		
AKWV-27OFHSG	KIT	1		
AKWV-27OFHTR	KIT	1		
AKWV-27OFHTRCV	KIT	1		
AKWV-27PKGGG	KIT	1		
AKWV-27SHIPPINGGG	KIT	1		
MS3420-6	SLEEVE	1		
ST6160-01	BOLT-MACHINE.190-32UNJF,DRILLED HEX	1		
ST6161-01	NUT-CASTELLATED,HEXAGON	2		
<b>OVERHAUL</b>				
3004116	COVER ASSY- MAIN SCAVENGE PUMP	1		
3008769	GEARSHAFT SCAV PUMP	1		
3020227	ADAPTER-SCAV OIL,REAR,ASYO	1		

# Liste des pièces remplacées

## List of Parts Replaced

### Dossier qualité - Quality Record

Date 2010.04.16

P&amp;WC JR3\_6934\_E [6934] (2004-10)

N° de série Serial No.	Module	Modèle Model	Bulletin de vente Sales Order No.	Client Customer
PE0216	PS	PT6A-21	162812	YUBA SUTTER AVIATION

N° de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
<b>EXCHANGE</b>				
8210-025-01	GOVERNOR ASSEMBLY TURBOPROP	1		
<b>NEW</b>				
3011210	SWIVEL JOINT-CASING,PP CONTROL,FR	1		
3022984	THERMOCOUPLE OPTION (IC)	2		
3024862CL13-1	POWER TURBINE STATOR-ASYO	1	X	
3032615	BEARING OPTION (IC)	1		
3032995	STRAINER (IC)	2		
3032995	STRAINER (IC)	1		
3040110	WIRING HARNESS	1	X	
3040110	WIRING HARNESS	1		
AKWV-27EXTPS	KIT	1		
AKWV-27PKGPS	KIT	1		
AKWV-27PWRHSG	KIT	1		
AKWV-27PWRSECT	KIT	1		
AKWV-27REARRGB	KIT	1		
AKWV-27RGB	KIT	1		
AKWV-27SHIPPINGPS	KIT	1		
AKWV-27T5	KIT	1		

**PRATT&WHITNEY ENGINE SERVICES, INC.**

**PT6 ENGINE TEST CERTIFICATE**

SALES ORDER	ENGINE MODEL	REASON FOR REMOVAL
162812	PT6A-21	OVERHAUL



<b>GAS GENERATOR SERIAL NUMBER: PCE-PE0216</b>
<b>POWER SECTION SERIAL NUMBER: PE0216</b>

<b>C.T. VANE CLASS: 13.69 2S2</b>	<b>P.T. VANE CLASS: 15.92 6S6</b>
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CORRECTED PERFORMANCE				
RATING	SHP/DEL RTH	NG/RTH	Tt5/TH	S.F.C.
TAKE OFF	550	35650	1530	0.636
<b>T5 TRIM CLASS: 25 TRIM HARNESS PART NUMBER: 3031417</b>				

**THIS ENGINE HAS BEEN TESTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.**

**DATE: APRIL 16, 2010**

   
**JEFF CONAWAY, AUTHORIZED INSPECTOR**

# MAINTENANCE RECORD

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

SIGNATURE

LICENCE  
NUMBER

Pratt & Whitney Engine Services, Inc.  
 1525 Midway Park Road  
 Bridgeport, WV 26330  
 Certificate Number LM1R301K



## Pratt & Whitney

A United Technologies Company

Manufacturer	Description	Model/Type	Serial Number
PRATT & WHITNEY	ENGINE TURBOPROP	PT6A-21	PCE- PE0216
Time Since New 3550.3	Cycles Since New 5705	Time Since Overhaul -0.0-	Cycles Since Overhaul -0-

Overhaul     Repair    C.T. Vane Class: 13.69 2S2    P.T. Vane Class: 15.92 6S6

**DESCRIPTION OF WORK ACCOMPLISHED AND REFERENCE DOCUMENTATION:**

THIS ENGINE HAS BEEN OVERHAULED, INSPECTED AND TESTED IN ACCORDANCE WITH P&WC OVERHAUL MANUAL P/N 3013243, REV 32, DATED 3 JULY 2009, AND APPROVED DOCUMENTATION AND/OR ENGINEERING DOCUMENTATION ACCEPTABLE TO THE ADMINISTRATOR.

This engine has been repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. This engine has been determined to be airworthy with respect to the work performed. Pertinent details of the work performed are on file at this agency under sales order No. 162812.

Date: APRIL 16, 2010

Signed: PWV  
02  
 JEFF CONAWAY, AUTHORIZED INSPECTOR

PWV-3096 (MAY 98)

**Yuba-Sutter Aviation, Inc. Marysville, Ca.**

530 743 0688 Fax 530 743 6855

PCE-PE0216

3/31/2010 Total Time 3550.3, Total Cycles 5705

- 6 Reinstalled engines after overhaul
- 7 All oil hoses flushed.
- 8 Oil Cooler overhauled by Pacific Oil Cooler
- 9 Rigged engines in accordance with Hawker Beechcraft maintenance manual, all idle adjustments accomplished and Flight Idle blade angle set
10. Ground run for operation, performance and leak check satisfactory

The work described above was accomplished in Accordance With the current Federal Aviation Administration Regulations and was determined to be in an airworthy condition with respect to the work accomplished only

John [Signature]  
 ACP [Signature]

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRS.	MIN.	HRS.	MIN.

### Yuba-Sutter Aviation, Inc., Marysville, Ca.

530.743.0688, Fax 530.743.6855 FAA CRS YUUR476B

11/5/2010  
TT: 3684.3

- 11/5/2010 Hobbs: 3684.3 TT: 3684.3 TSOH: 134.3 s/n PCE-0216
- Completed a Phase 2 Inspection in accordance with Raytheon Maintenance Manual.
  - Complied with Pratt & Whitney 200hr inspection requirements
  - Accomplished chip detector inspection and functional check.
  - Inlet fuel filter inspected and cleaned, outlet fuel filter inspected and replaced.
  - Inspected and functionally tested igniters.
  - Adjusted flight idle.
  - Welded crack in right exhaust stack.
  - Replaced output shaft seal.
  - Replaced starter shaft seal.

Technicians C Leki, H. Hall  
The work described above was accomplished in accordance with the current Federal Aviation Regulations and was determined to be in an airworthy condition with respect to the work accomplished only.

John Neal  
CHIEF INSPECTOR

I certify that this engine has been inspected in accordance with a Raytheon Phase 1 Inspection and was determined to be in an airworthy condition.

John Neal  
CHIEF INSPECTOR

### YUBA-SUTTER AVIATION, INC., MARYSVILLE, CA.

530.743.0688, Fax 530.743.6855 FAA CRS YUUR476B

02/09/2011 Hobbs: 3699 TT: 3699 TSOH: 149 TC: 5965 s/n PCE-0216

- Completed a Phase 2 Inspection in accordance with Hawker Beechcraft Manual.
- Complied with Pratt & Whitney 200hr inspection requirements
- Accomplished Fuel Nozzle inspection.
- Inlet fuel filter inspected and cleaned, outlet fuel filter inspected and replaced.
- Inspected and functionally tested igniters.
- Technicians C Leki, H. Hall

The Aircraft, Engine or component described above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was found to be in an airworthy condition with respect to the work accomplished only. Pertinent details of the repair are on file at this agency, Work Order 5700.

John Neal  
CHIEF INSPECTOR

I certify that this engine has been inspected in accordance with a Hawker Beechcraft Phase 3&4 Inspection and was determined to be in an airworthy condition.

John Neal  
CHIEF INSPECTOR

TOTAL THIS PAGE				
TOTAL FROM PREVIOUS SUMMARY				
TOTAL SINCE MFG.				

CARRIED FORWARD

# MAINTENANCE RECORD

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

SIGNATURE

LICENCE  
NUMBER

## Yuda-Sutter Aviation, Inc., Marysville, Ca.

530 743 0688, Fax 530 743 6855      FAA CRS YUUR476B

01/05/2012      Hobbs 3774 9      TT 3774 9      TSOH 224 9      TC 6096      s/n PCE-0216

- 1 Completed a Phase 1 Inspection in accordance with Hawker Beechcraft Manual
- 2 Complied with Pratt & Whitney 200hr inspection requirements
- 3 Accomplished chip detector inspection and functional check
- 4 Inlet fuel filter inspected and cleaned, outlet fuel filter inspected and replaced
- 5 Inspected and functionally tested igniters
- 6 Replaced carbon block

Technicians C Leki, H Hall

The Aircraft, Engine or component described above was repaired and inspected In Accordance With the current Federal Aviation Administration Regulations and was found to be in an airworthy condition with respect to the work accomplished only Pertinent details of the repair are on file at this agency, Work Order ~~5700~~ 5781

Heath Hall *Heath Hall*  
CHIEF INSPECTOR

I certify that this engine has been inspected in accordance with a Hawker Beechcraft Phase 1 inspection and was determined to be in an airworthy condition

Heath Hall *Heath Hall*  
CHIEF INSPECTOR

Eng. FUEL + OIL HOSES REPLACED, *Heath Hall*

## Yuda-Sutter Aviation, Inc., Marysville, Ca.

530 743 0688, Fax 530 743 6855      FAA CRS YUUR476B

10/10/2012      Hobbs 3948 8      TT 3948 8      TSOH 398 8      TC 6368      s/n PCE-0216

- 1 Completed a Phase 2 Inspection in accordance with Hawker Beechcraft Manual
- 2 Complied with Pratt & Whitney 200hr inspection requirements
- 3 Accomplished chip detector inspection and functional check
- 4 Inlet fuel filter inspected and cleaned, outlet fuel filter inspected and replaced
- 5 Inspected and functionally tested igniters
- 6 Fuel nozzle inspection accomplished Borescope hot section to coincide with fuel nozzle inspection accomplished
- 7 Install new carbon block

Technicians C Leki, H Hall

The Aircraft, Engine or component described above was repaired and inspected In Accordance With the current Federal Aviation Administration Regulations and was found to be in an airworthy condition with respect to the work accomplished only Pertinent details of the repair are on file at this agency, Work Order 6057

Heath Hall *Heath Hall*  
CHIEF INSPECTOR

I certify that this engine has been inspected in accordance with a Hawker Beechcraft Phase 2 inspection and was determined to be in an airworthy condition

Heath Hall *Heath Hall*  
CHIEF INSPECTOR

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.



# MAINTENANCE RECORD

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

SIGNATURE

LICENCE  
NUMBER

## Yuba-Sutter Aviation, Inc., Marysville, Ca.

530 743 0688 Fax 530 743 6855 FAA CRS YUUR476B

Right Engine Log S/N PCE-PE0216  
08/08/2014 Hobbs 89 8 Eng TT 4380 0 TSOH 829 7 TSHSI 829 7  
AF Cycles 6780 Eng TC 6780 CSOH 1075 CSHSI 1075

- 1 Completed a Phase 2 Inspection in accordance with Hawker Beechcraft Maintenance Manual
- 2 Complied with Pratt & Whitney 200 hour and 400 hour inspection requirements.
- 3 Complied with Pratt and Whitney routine and periodic inspection requirements.
- 4 Flowed, cleaned and inspected nozzles and sheaths.
- 5 Accomplished chip detector inspection and functional check
- 6 Oil filter inspected for metal and condition
- 7 Changed oil and added 8 qt BP 2380
- 8 Starter generator brushes check
- 9 Accomplished required Borescope inspection of Hot Section
- 10 Scavenge pump inlet screens inspected
- 11 Inlet fuel filter inspected and cleaned outlet fuel filter inspected and replaced
- 12 Inspected and functionally tested igniters

The Aircraft, Engine or component described above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was found to be in an airworthy condition with respect to the work accomplished only.

Pertinent details of the repair are on file at this agency, Work Order 6362.

Heath Hall *Heath Hall*  
CHIEF INSPECTOR

I certify that this engine has been inspected in accordance with a Hawker Beechcraft Phase 2 inspection and was determined to be in an airworthy condition

Heath Hall *Heath Hall*  
CHIEF INSPECTOR

## Yuba-Sutter Aviation, Inc., Marysville, Ca.

530 743 0688, Fax 530 743 6855 FAA CRS YUUR476B

Left Engine Log S/N PCE-PE0216  
02/03/2015 Hobbs 190 5 Eng TT 4480 7 TSOH 930 4 TSHSI 930 4  
AF Cycles 6935 Eng TC 6935 CSOH 1230 CSHSI 1230

- 1 Completed a Phase 3 & 4 Inspection in accordance with Hawker Beechcraft Maintenance Manual
- 2 Complied with Pratt & Whitney 200 hour inspection requirements.
- 3 Complied with Pratt and Whitney routine and periodic inspection requirements
- 4 Changed oil filter, P/N 7579522AM
- 5 Replaced o-rings in flow divider
- 6 Removed exhaust pipe and welded crack I A W AC 43 13 Ch 4, Sec 5, Para 4-86
- 7 Oil filter inspected for metal and condition
- 8 Added 3 qt. BP 2380
- 9 Complied with scavenge pump screen inspection

The aircraft, engine, propeller or component identified above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was approved for return to service with respect to the work accomplished only. Pertinent details of the repair are on file at this Repair Station under Work Order 6433

Heath Hall *Heath Hall*  
CHIEF INSPECTOR

I certify that this engine has been inspected in accordance with a Raytheon Phase 3 & 4 inspection and was determined to be in an airworthy condition 02/03/2015 ENG TT. 4480.7

Heath Hall *Heath Hall*  
CHIEF INSPECTOR

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

# ENGINE SERVICE AND

INSTALLATIONS, INSPECTIONS,  
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRS.	MIN.	HRS.	MIN.

## Yuba-Sutter Aviation, Inc., Marysville, Ca.

530 743 0688, Fax 530 743 6855 FAA CRS YUUR476B

Left Engine Log S/N PCE-PE0216  
 10/02/2015 Hobbs 410 0 Eng TT 4700 2 TSOH 1149 9 TSHSI 1149 9  
 AF Cycles 7338 Eng TC 7338 CSOH 1633 CSHSI 1633

- 1 Completed a Phase 1 Inspection in accordance with Hawker Beechcraft Maintenance Manual
- 2 Complied with Pratt and Whitney routine and periodic inspection requirements
- 3 Flowed, cleaned and inspected nozzles and sheeths, accomplished required Borescope inspection of Hot Section
- 4 Performed 12 month/600 hour magnetic chip detector functional check and inspection
- 5 Oil filter inspected for metal and condition
- 6 Changed oil and added 9 qt BP 2380
- 7 High pressure fuel pump inlet filter inspected and cleaned and replaced outlet filter
- 8 Ignitor inspection and functionality test accomplished
- 9 Cleaned engine cowlings
- 10 Replaced bleed air flex hose, P/N 1 1/4TC321X120
- 11 Replaced two ignitors, P/N 10-390667-1
- 12 Replaced angle above de-ice vane
- 13 Adjusted and ngged flight idle torque

I certify that this engine has been inspected in accordance with a Hawker Beechcraft Phase 1 inspection and was determined to be in an airworthy condition 10/02/2015 ENG TT 4700 2

Heath Hall *Heath Hall*  
Chief Inspector

The aircraft, engine, propeller or component identified above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was approved for return to service with respect to the work accomplished only Pertinent details of the repair are on file at this Repair Station under Work Order 6588

Heath Hall *Heath Hall*  
Chief Inspector

## Yuba-Sutter Aviation, Inc., Marysville, Ca.

530 743 0688, Fax 530 743 6855 FAA CRS YUUR476B

Left Engine Log S/N PCE-PE0216  
 03/07/2016 Hobbs 580 1 Eng TT 4870 3 TSOH 1320 0 TSHSI 1320 0  
 AF Cycles 7569 Eng TC 7569 CSOH 1864 CSHSI 1864

- 1 Completed a Phase 2 Inspection in accordance with Hawker Beechcraft Maintenance Manual.
- 2 Complied with Pratt and Whitney routine and periodic inspection requirements.
- 3 Performed 12 month/600 hour magnetic chip detector functional check and inspection
- 4 Oil filter inspected for metal and condition.
- 5 Added BP 2380
- 6 High pressure fuel pump inlet filter inspected and cleaned and replaced outlet filter
- 7 Ignitor inspection and functionality test accomplished
- 8 Compression wash

I certify that this engine has been inspected in accordance with a Hawker Beechcraft Phase 2 inspection and was determined to be in an airworthy condition 03/07/2016 ENG TT 4870 3.

Heath Hall *Heath Hall*  
Chief Inspector

The aircraft, engine, propeller or component identified above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was approved for return to service with respect to the work accomplished only Pertinent details of the repair are on file at this Repair Station under Work Order 6629

Heath Hall *Heath Hall*  
Chief Inspector

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

# MAINTENANCE RECORD

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

SIGNATURE

LICENCE NUMBER



**Yuba-Sutter Aviation, Inc., Marysville, Ca.**  
530 743 0688 Fax 530 743 6855 FAA CRS YUUR476B

Left Engine Log S/N PCE-PE0216  
11/02/2016 Hobbs 7957 Eng TT 50859 TSOH 15356 TSHSI 15356  
AF Cycles 7952 Eng TC 7952 CSOH 2247 CSHSI 2016

- 1 Completed a Phase 3 inspection in accordance with Hawker Beechcraft Maintenance Manual
- 2 Complied with Pratt and Whitney routine and periodic inspection requirements
- 3 Flowed, cleaned and inspected nozzles and sheeths. accomplished required Borescope inspection of Hot Section
- 4 Performed 12 month/600 hour magnetic chip detector functional check and inspection
- 5 Oil filter inspected for metal and condition
- 6 Changed oil and added 9 qt BP 2380
- 7 High pressure fuel pump inlet filter inspected and cleaned and replaced outlet filter
- 8 Ignitor inspection and functionality test accomplished

I certify that this engine has been inspected in accordance with a Hawker Beechcraft Phase 3 inspection and was determined to be in an airworthy condition 11/02/2016 Eng TT 50859  
Heath Hall *Heath Hall*  
Chief Inspector

Left Engine  
The aircraft engine propeller or component identified above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was approved for return to service with respect to the work accomplished only. Pertinent details of the repair are on file at this Repair Station under Work Order 6762  
Heath Hall *Heath Hall*  
Chief Inspector



4843 Skyway Drive Olivehurst, Ca 95901 / Mail, PO Box 2448 Marysville, Ca 95901  
Phone 530-743-0688 / Fax: 530-743-6855  
WWW.YUBASUTTERAVIATION.COM  
CRS YUUR476B

Left Engine Log **N993CB** Eng. S/N: PCE-PE0216 CSHSI: 0 12/01/2017  
Total Time: 5376.5 Total Cycles: 8533 Cycles since Overhaul: 2828 Hobbs: 1086.3

- 1 Completed a Phase 1 inspection in accordance with Hawker Beechcraft Maintenance Manual
- 2 Completed a hot section inspection in accordance with Pratt & Whitney Maintenance Manual
- 3 Completed a 400-hour inspection in accordance with Pratt & Whitney Maintenance Manual
- 4 Complied with Pratt and Whitney routine and periodic inspection requirements
- 5 Oil filter inspected for metal and condition
- 6 Changed oil and added 10 qts BP 2380
- 7 Inlet fuel filter inspected and cleaned. outlet fuel filter inspected and replaced
- 8 Ignitor inspection and functionality test accomplished
- 9 Leak and operational checks completed Ok

The work described above was accomplished in accordance with the current Federal Aviation Regulations and was determined to be in an airworthy condition with respect to the work accomplished only  
David Machado Chief Inspector *David Machado*  
The aircraft, engine, propeller or component identified above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was approved for return to service with respect to the work accomplished only. Pertinent details of the repair are on file at this Repair Station under Work Order 6932  
David Machado Chief Inspector *David Machado*

11/1/2017  
1086.3  
5376.5

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE</small>
	HRS.	MIN.	HRS.	MIN.	



4843 Skyway Drive Olivehurst, Ca 95901 / Mail PO Box 2448 Marysville Ca 95991  
 Phone 530-743-0888 / Fax 530-743-8955  
 WWW.Yubasutteraviation.com  
 CRS YUUR4788

**Left Engine Log N993CB Eng. S/N: PCE-PE0216 CSHSI: 2156 3/14/2017**  
**Total Time: 5225.9 Total Cycles: 8092 Cycles since Overhaul: 2387 Hobbs: 866.6**

- 1 Completed a Phase 4 Inspections in accordance with Hawker Beechcraft Maintenance Manual
- 2 Complied with Pratt and Whitney routine and periodic inspection requirements
- 3 Oil filter inspected for metal and condition.
- 4 Changed oil and added 8 qts BP 2380
- 5 Inlet fuel filter inspected and cleaned outlet fuel filter inspected and replaced
- 6 Ignitor inspection and functionality test accomplished
- 7 Leak and operational checks completed Ok

The work described above was accomplished in accordance with the current Federal Aviation Regulations and was determined to be in an airworthy condition with respect to the work accomplished only.

Heath Hall Chief Inspector *Heath Hall*  
 The aircraft, engine, propeller or component identified above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was approved for return to service with respect to the work accomplished only. Pertinent details of the repair are on file at this Repair Station under Work Order 6790  
 Heath Hall Chief Inspector *Heath Hall*

*Log Entries  
out of sequence.  
see Below CC*

12-1-2017	1086.3 hrs	5376.5 hr	Log Entry on previous page <sup>CC</sup>
12-1-2017	1086.314 hrs	5376.5 hr	TSHSE: 0.0



4843 Skyway Drive Olivehurst, Ca 95901 / Mail PO Box 2448 Marysville Ca 95991  
 Phone 530-743-0888 / Fax 530-743-8955  
 WWW.Yubasutteraviation.com  
 CRS YUUR4788

**Left Engine Log N993CB PT6A-21 Eng. S/N: PCE-PE0216 CSHSI: 0 12/01/2017**  
**Total Time: 5376.5 Total Cycles: 8533 Cycles since Overhaul: 2828 Hobbs: 1086.3**

- 1 Owner and pilot advised this date that Stage 2 Sulfidation, found during hot section inspection Reference PT6A-21/-27/-28 Manual Part No 3013242 1 October 1978 72-50-02, B

\*Stage 2 - Initial Corrosion Evidenced by apparent use of sulfidated coating over surrounding surface, with small, scattered blisters appearing in coating Corrosion of base material has started Accept or reject disk, based on previous experience of the operator If blades are to remain in service, operator must increase desalination washes and schedule regular borescope inspection of blades every 200 hours \*

The work described above was accomplished in accordance with the current Federal Aviation Regulations and was determined to be in an airworthy condition with respect to the work accomplished only

David Machado Chief Inspector *David Machado*  
 The aircraft, engine, propeller or component identified above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was approved for return to service with respect to the work accomplished only. Pertinent details of the repair are on file at this Repair Station under Work Order 6932  
 David Machado Chief Inspector *David Machado*

CARRIED FORWARD

TOTAL THIS PAGE	
TOTAL FROM PREVIOUS SUMMARY	
<b>TOTAL SINCE MFG.</b>	

# MAINTENANCE RECORD

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

SIGNATURE

LICENCE  
NUMBER



4843 Skyway Drive Olivehurst, Ca 95901 / Mail PO Box 2448 Marysville, Ca 95901  
Phone 530-743-0888 / Fax 530-743-8958  
WWW.Yubasubteraviation.com  
CRS YUUR4788

Engine Log S/N: PCE-PE0216 Hobbs: 1158.9 2/26/2018  
Total Time: 5449.1 Total Cycles: 8568 Cycles since Overhaul: 2863  
Cycles since HSI: 35 TSO: 1898.8 Time since HSI: 72.6

Removed this engine from N993CB S/N LJ-1550 for Blackhawk modification

The work described above was accomplished in accordance with the current Federal Aviation Regulations and was determined to be in an airworthy condition with respect to the work accomplished only

David Machado *[Signature]*  
AP3050082

The aircraft, engine, propeller or component identified above was repaired and inspected in accordance with the current Federal Aviation Administration Regulations and was approved for return to service with respect to the work accomplished only. Pertinent details of the repair are on file at this Repair Station under Work Order 6958

David Machado *[Signature]*  
Chief Inspector

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.

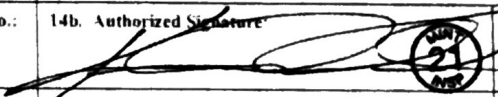
TOTAL THIS PAGE	
TOTAL FROM PREVIOUS SUMMARY	
TOTAL SINCE MFG.	

1. Approving Civil Aviation Authority/Country: FAA/United States	2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 8510
---------------------------------------------------------------------	-----------------------------------------------------------------------------------------	----------------------------------

4. Organization Name and Address: Mint Turbines, LLC 2915 N. State Hwy 99, Stroud, OK 74079	5. Work Order/Contract/Invoice Number: 107553
------------------------------------------------------------------------------------------------	--------------------------------------------------

6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Work
1	Turboprop Engine	3027500	1 Each	PC-E PE0216	Repaired

12. Remarks.  
 This engine was Inspected & Repaired for F.O.D. damage to the 1st stage compressor blades, It was then Tested & Preserved. All work done IAW PWC OHM 3013243 Rev 40 & PWC MM 3013242 Rev 46.  
 TSN: 5,449 1 TSO 1,898 8 CSN: 8,568 CSO: 2,863

13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.	14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12  Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 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.		
13b. Authorized Signature: XXXXXXXXXXXXXXXXXXXXXXXXXXXX	13c. Approval/Authorization No.: XXXXXXXXXXXX	14b. Authorized Signature: 	14c. Approval/Certificate No.: 5MNR431B
13d. Name (Typed or Printed): XXXXXXXXXXXXXXXXXXXXXXXXXXXX	13e. Date (dd/mm/yyyy): XXXXXXXXXX	14d. Name (Typed or Printed): Kenneth R. Arnold	14e. Date (dd/mm/yyyy): 30 Jul 2018

**User/Installer Responsibilities**

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a 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.

BROUGHT FORWARD	DATE			
	TIME RUN	MRS.		
		MIN.		
	TIME SINCE OVERHAUL	MRS.		
MIN.				
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS,				

ENGINE SERVICE AND

# MAINTENANCE RECORD

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

SIGNATURE

LICENCE NUMBER

## Mint Turbines LLC

P O Box 460  
 Stroud, Oklahoma 74079-0460  
 Phone 918-968-9561 / Fax 918-968-9564



### FAA Repair Station # 5MNR431B

Model: **RT6A-21** S/N: **PG-EPE0216** Work Order: **8510** Cond: **Repaired**

Power Section Total Time	<b>5,449.1</b>	Power Section Time Since Overhaul	<b>1,898.8</b>
Gas Generator Total Time	<b>5,449.1</b>	Gas Generator Time Since Overhaul	<b>1,898.8</b>
Power Section Total Cycles	<b>8,568</b>	Power Section Cycles Since Overhaul	<b>2,863</b>
Gas Generator Total Cycles	<b>8,568</b>	Gas Generator Cycles Since Overhaul	<b>2,863</b>
Time Since Last H S I	<b>72.6</b>	Time Since Last Repair	<b>0.0</b>

#### MAINTENANCE RELEASE

Work Accomplished: **This engine was inspected & repaired for F.O.D. damage to the 1st stage compressor blades, it was then Tested & Preserved. All work done IAW PWC OHM 3013243 Rev40 & PWC MM 3013242 Rev46.**

The Unit listed above has been Overhauled/Inspected/Repaired/Tested in accordance with current regulations of the Federal Aviation Administration and the work performed is approved for return to service. Pertinent details of the work performed are on file at this agency under the work order number listed above.

#### CORRECTED ENGINE PERFORMANCE

Rating Take Off:	SHP	NG:	T5:	SFC:
Test Cell Requirement	<b>550</b>	<b>35,698</b>	<b>1,528</b>	<b>0.645</b>
Cor Eng Take Off Performance Repair Limits	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Cor Eng Take Off Performance Overhaul Limits	<b>550</b>	<b>36,060</b>	<b>1,607</b>	<b>0.678</b>
Cor Eng Test Cell Requirement Repair Limits	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
Cor Eng Test Cell Requirement Overhaul Limits	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>

Trim Harness      Deg F°      Deg C°  
**102**      **58.6**  
 PN      Class

PT Vane Ring	Cavity	Class	Area	PN	Not	SN	Accessed
CT Vane Ring	Cavity	Class	Area	PN	Not	SN	Accessed
Bleed Valve		P S I	Area	PN	Not	SN	Accessed

Inspector: **[Signature]** Signature: **[Signature]** Date: **30 Jul 2018**

FRM PT6ALB1

# ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD <span style="font-size: 2em;">→</span>					
9/12/2018					INSTALLED THIS ENG ON LT SIDE OF A 787 TC C90 S/N LT 787 PER BEECHCRAFT C90 MAINT. MAN. COMPLIED WITH STATIC RIGGING SET LOW : HIGH IDLE : FLIGHT IDLE BLADE ANGLE PER BAIRD BECK STC. COMPLIED WITH CRONALD BUNS'S LEAD CHECKS, ALL NORMAL. SERVICED ENG TO FULL WITH BP 2380  ET50: 1898.8 TSN: 5449.1 AFYT: 7103.3 EC50: 286.3 CSN: 8568 AFTE: 7056 TSNSE: 72.6  I CERTIFY THAT THIS ENG HAS BEEN INSPECTED REPAIRED AND IS APPROVED FOR RETURN TO SERVICE  



## No.1 Engine Log PWC - PT6A-21 - PCE-PE0216



W/O: 200414787TT

Page 1 of 1

HM: 764.6	ACTT: 7,222.0	E1TT: 5,688.0	E2TT: 5,688.0	E3TT:	P1TT: 2,708.3	APUTT:
AFL: 7,176	E1C: 8,088	E2C: 8,088	E3C:	P2TT: 2,708.3	APUC:	

- Task No: 59 - REMOVED NO.1 ENGINE EXCITER ASSY AND REPLACED WITH NEW P/N(OFF/ON): 10-381550-4 / CH92106-1 S/N(OFF/ON) NN01448637 / 19096441 IAW EMM 74-10-00. OPERATIONAL TEST SATISFACTORY
- Task No: 2 - CW PHASE 1 THRU 4 INSPECTION IAW AMM 05-21-01, 05-21-02, 05-21-03, & 05-21-04.
- Task No: 33 - CW 400 HR. HOT SECTION BORESCOPE INSPECTION IAW EMM 72-00-00, PARAS. 9.C THRU H. SEE REPORT DATED 05/26/2020.
- Task No: 53 - CW (1 Y) NO.1 ENGINE REDUCTION GEARBOX CHIP DETECTOR BRIDGE CHECK IAW EMM 72-10-00, NO DEFECTS NOTED.
- Task No: 31 - CW (400 HR) NO.1 ENGINE FUEL MANIFOLD AND NOZZLES CLEAN/LEAK/FUNCTION CHECK. REMOVED & REPLACED FUEL MANIFOLD ASSEMBLIES W/ INSPECTED UNITS. P/N'S(ON): (10) 3106347-01, (3) 3106348-01, (1) 3043512, 3106345-01 MANIFOLDS, (14) 3120869-01 SHEATHS, S/N'S(ON): VG-3110 THRU VG-3123. SEE 8130-3.
- Task No: 51 - CW (1,000 HR) NO.1 ENGINE OIL FILTER ELEMENT REPLACEMENT. INSTALLED (1) NEW P/N: 3034393WFC IAW EMM 79-20-02.
- Task No: 48 - FAA AD 2014-11-05 (PT CONTAINMENT RING) IS N/A PER ENGINE S/N.

The aircraft/component identified above was maintained or altered in accordance with current regulation CFR 91.409(F)(3) of the Federal Aviation Administration and is approved for return to service for the work performed. Current maintenance manuals were used. All disrupted systems were restored and functionality tested in accordance with mfg's instructions. Partinent details of the repair are on file with SimsAir, LLC.

Date: 6/4/2020

Authorized Signature:

Zachary R. Bishop, A&P 3745781

TOTAL THIS PAGE	
TOTAL FROM PREVIOUS SUMMARY	
<b>TOTAL SINCE MFG.</b>	



## PRATT &amp; WHITNEY CANADA

## ENGINE BUILD RECORD STATUS REPORT

THE FOLLOWING SERVICE BULLETINS ARE BASIC TO :

ENGINE SERIAL NO. PCE-PE0216

ENGINE MODEL PT6A-21

BUILD SPEC 788

## SERVICE BULLETINS

1169	1217	1218	1225	1227	1228	1231	1232	1236
1238	1246	1247	1248	1249	1251	1254	1255	1261
1263	1270	1275	1276	1280	1281	1287	1292	1293
1297	1300	1305	1310	1316	1318	1321	1322	1325
1332	1334	1335	1336	1337	1338	1339	1340	1352
1354	1357	1361	1370	1372	1379	1381	1389	1390
1391	1395	1396	1404	1409	1410	1416	1419	1426
1427	1434	1439	1441	1445	1446	1457	1459	1470
1471	1473	1474	1477	1478	1479	1481	1482	1484
1486	1487	1488	1489	1490*	1492	1493	1498	1500
1501	1502	1503	1508	1513	1518	1519	1522	1524
1527	1528	1534	1537	1538	1539	1540	1541	1543
1544	1545	1553	1554	1556	1560	1562	1564	1567
1568	1570							

\* DENOTES PARTIAL INCORPORATION OF SERVICE BULLETIN

SB # PARTS INTRODUCED AT ENGINE BUILD

1490 3039939      3116033-01      3116679-01

VERIFIED BY:

DATE: 1999 JAN 20

APPROVED BY:

DATE: 1999 JAN 20

S. FINGERFORD

