

N787TT

1978 King Air C90

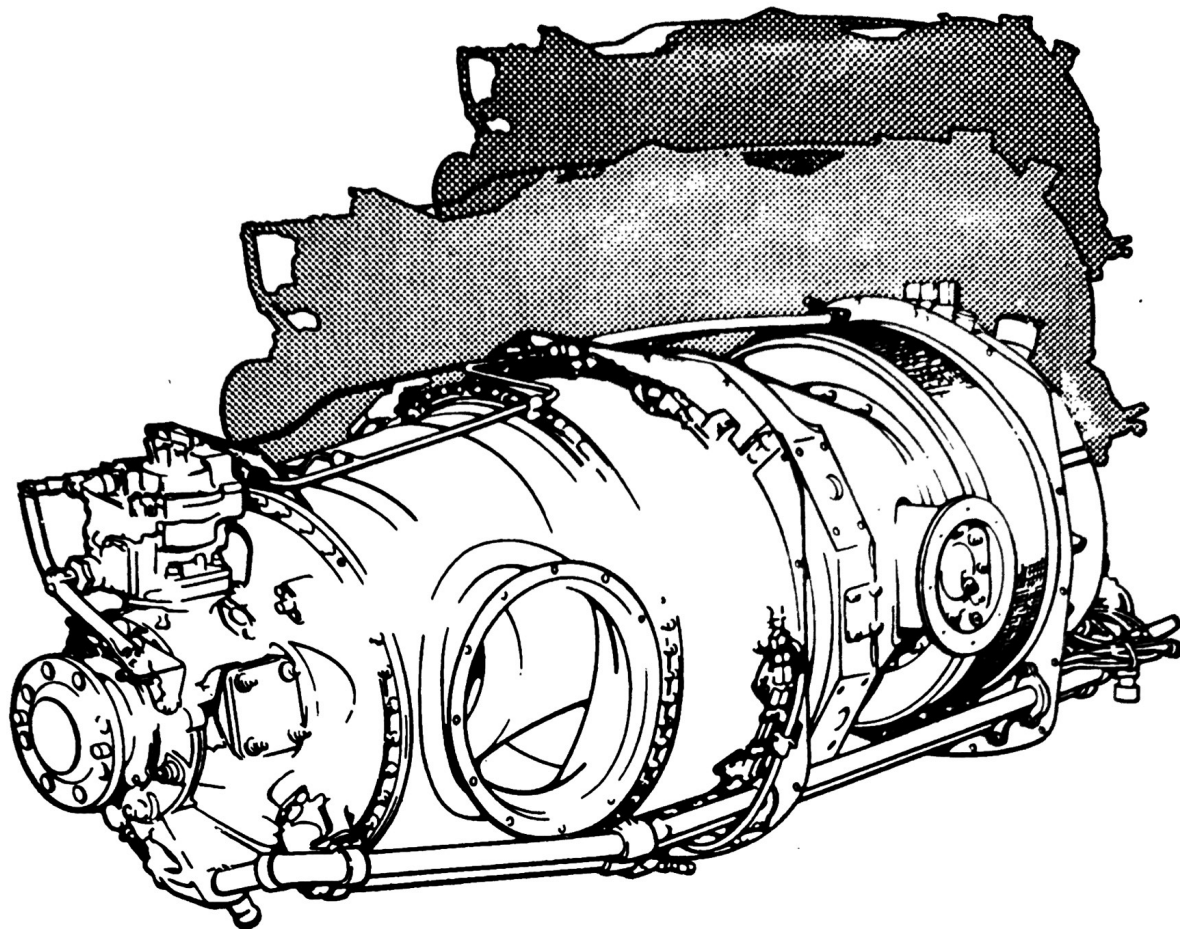
Right Engine Logbooks



RidgeAir
WORLDWIDE
aviation specialists

MSN: LJ-787

Prepared by the worldwide aviation specialists at RidgeAir, Inc.




**LJ-1550 RIGHT
ENGINE LOGBOOK**

PT6A TURBOPROP ENGINE

PCE-PE0215



PRATT & WHITNEY CANADA

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG					3. Form Tracking Number: 162811	
4. Organization Name and Address: PRATT & WHITNEY ENGINE SERVICES, INC. 1525 MIDWAY PARK ROAD BRIDGEPORT, WEST VIRGINIA 26330 REPAIR STATION CERTIFICATE NO. LM1R301K						5. Sales Order/Contract/Invoice Number: 162811		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:		
ONE	ENGINE, TURBOPROP PT6A-21	3027500	N/A	ONE	PCE-PE0215	OVERHAULED		
13. Remarks: TTSN: 3550.3 TCSN: 5705 TTSO: -0.0- TCSO: -0- 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 <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.: LM1R301K		
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): JEFF CONAWAY, AUTHORIZED INSPECTOR		23. Date (m/d/y): MARCH 30, 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.								

PRATT&WHITNEY ENGINE SERVICES, INC.

PT6 ENGINE TEST CERTIFICATE

SALES ORDER	ENGINE MODEL	REASON FOR REMOVAL
162811	PT6A-21	OVERHAUL

GAS GENERATOR SERIAL NUMBER: PCE-PE0215

POWER SECTION SERIAL NUMBER: PE0215

C.T. VANE CLASS: 13.71 2S2

P.T. VANE CLASS: 13.77 6S6

CORRECTED PERFORMANCE

RATING	SHP/DEL RTH	NG/RTH	Tt5/TH	S.F.C.
TAKE OFF	550	35850	1530	0.638

T5 TRIM CLASS: 30 TRIM HARNESS PART NUMBER: 3031417

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

DATE: MARCH 30, 2010


JEFF CONAWAY, AUTHORIZED INSPECTOR

PRATT & WHITNEY ENGINE SERVICES, INC.

PT6 LIFE LIMITED PARTS LOG

OVERHAUL REPAIR H.S.I.

DATE	SALES ORDER	CUSTOMER	REF: SB 1002 REV.25
MARCH 30, 2010	162811	YUBA SUTTER AVIATION	SEE *NOTE

MODEL	SERIAL NUMBER	TTSN	TCSN	TTSO	TCSO
PT6A-21	PCE-PE0215	3550.3	5705	-0.0-	-0-

PART NAME	PART NUMBER	SERIAL NUMBER	TTSN	TCSN	CYCLES REMAINING	CYCLE LIMIT
HUB ASSY	3013111	57B711	3550.3	5705	13295	19000
2ND STAGE DISK	3013712	A0002FFT	3550.3	5705	18295	24000
3RD STAGE DISK	3011713	A0002KKA	3550.3	5705	19295	25000
IMPELLER	3013176	3H604	3550.3	5705	13295	19000
C.T. DISK	3013411	A0002HP8	3550.3	5705	10295	16000
P.T. DISK	3026812	A0002HPY	3550.3	5705	14295	20000
C.T. BLADES	3023401	---	qty 54 o/h'd qty 4 new	---	---	---
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

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: 162811
Module Name: POWER SECTION MODULE
Model: PT6A-21
Serial Number: PE0215

Customer: YUBA BUTTER AVIATION

Print Date: 30-MAR-2010

Page: 001 of 001

Document No.	Revision #	Class	Description
SB 1002 000	25	3	ROTOR COMPONENTS - SERVICE LIFE
SB 1487 001	01	7	ASBESTOS FIBER GASKETS.
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: _____

J. J. Casaway 

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: 162811

Customer: YUBA SUTTER AVIATION

Description: POWER SECTION MODULE

Print Date: 30-MAR-2010

Model: PT6A-21

Page: 001 of 001

Serial Number: PE0215

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 Carney (31)

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: 162811
Description: GAS GENERATOR MODULE
Model: PT6A-21
Serial Number: PE0215

Customer: YUBA SUTTER AVIATION
Print Date: 30-MAR-2010
Page: 001 of 001

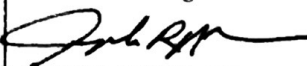
Document No.	Revision No.	Status
FAA 80-08-12 000	00	Embodied
FAA 92-15-11 000	00	Embodied
FAA 97-04-12 000	00	Embodied

FUEL PUMP DRIVE COUPLING SPLINES
COMP DELIVERY ACC LINE-PW PT6
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: _____

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 163721	
4. Organization Name and Address: PRATT & WHITNEY ENGINE SERVICES, INC. 1525 MIDWAY PARK ROAD BRIDGEPORT, WEST VIRGINIA 26330 REPAIR STATION CERTIFICATE NO. LMIR301K					5. Sales Order/Contract/Invoice Number: 163721		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
ONE	ENGINE, TURBOPROP PT6A-21	3027500	N/A	ONE	PCE-PE0215	REPAIRED	
13. Remarks: TTSN: 3550.3 TCSN: 5705 TTSO: -0.0- TCSO: -0- THIS ENGINE HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH P&WC MAINTENANCE MANUAL P/N 3013242, REV 35, DATED 18 SEP 2009, AND APPROVED DOCUMENTATION AND/OR ENGINEERING DOCUMENTATION ACCEPTABLE TO THE ADMINISTRATOR TO COMPLY WITH RED FLAG NOTICE #6475, C.T. VANE REPLACEMENT. <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.:	
						LMIR301K	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
				JOSEPH R. MOORE, AUTHORIZED INSPECTOR		APRIL 17, 2010	
User/Installer Responsibilities							
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>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.</p> <p>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.</p>							

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 17, 2010	163688	YUBA SUTTER AVIATION	SEE *NOTE

MODEL	SERIAL NUMBER	TTSN	TCSN	TTSO	TCSO
PT6A-21	PCE-PE0215	3550.3	5705	-0.0-	-0-

PART NAME	PART NUMBER	SERIAL NUMBER	TTSN	TCSN	CYCLES REMAINING	CYCLE LIMIT
HUB ASSY	N/D	----	----	----	----	----
2ND STAGE DISK	N/D	----	----	----	----	----
3RD STAGE DISK	N/D	----	----	----	----	----
IMPELLER	N/D	----	----	----	----	----
C.T. DISK	3013411	A0002HP8	3550.3	5705	10295	16000
P.T. DISK	N/D	----	----	----	----	----
C.T. BLADES	N/D	----	----	----	----	----
1ST STAGE BUSHINGS	N/D	----	----	----	----	----
OIL FILTER	N/D	----	----	----	----	----

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.




JOSEPH R. MOORE, AUTHORIZED INSPECTOR

PRATT&WHITNEY ENGINE SERVICES, INC.

PT6 ENGINE TEST CERTIFICATE

SALES ORDER	ENGINE MODEL	REASON FOR REMOVAL
163688	PT6A-21	REPAIR


GAS GENERATOR SERIAL NUMBER: PCE-PE0215
POWER SECTION SERIAL NUMBER: PE0215

C.T. VANE CLASS: 13.71 2S2	P.T. VANE CLASS: N/D
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CORRECTED PERFORMANCE				
RATING	SHP/DEL RTH	NG/RTH	Tt5/TH	S.F.C.
TAKE OFF	550	35800	1525	0.635
T5 TRIM CLASS: 10.5 TRIM HARNESS PART NUMBER: 3031417				

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

DATE: APRIL 17, 2010

 **JOSEPH R. MOORE, AUTHORIZED INSPECTOR**

PRATT & WHITNEY ENGINE SERVICES, INC.



PT6 ENGINE SHIPPING CHECK LIST

SALES ORDER: 163688	ENGINE MODEL: PT6A-21
CUSTOMER: YUBA SUTTER AVIATION	

POWER SECTION SERIAL NUMBER: PE0215					
ITEM	DESCRIPTION	PART NUMBER	SERIAL NUMBER	TIME	REMARKS
1	PROPELLER GOVERNOR	8210-025-01	12143013	TSO: 0.0	
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-PE0215					
ITEM	DESCRIPTION	PART NUMBER	SERIAL NUMBER	TIME	REMARKS
5	THERMO. BYPASS	N/A	----	----	
6	FUEL PUMP	386101-5	0974	TSO: 0.0	
7	FUEL CONTROL	3244745-4	A72189	TSO: 0.0	
8	OIL/FUEL HEATER	10552E	WA24427	TSO: 0.0	
9	START CONTROL	N/A	----	----	
10	IGNITION EXCITER	10-381550-4	0404R009C	TSO: 0.0	
11	COMP. BLEED VALVE	3100829-03	4E187	TSO: 0.0	
12	COMP. BLEED VALVE	N/A	----	----	
13	FLOW DIVIDER	3244801-1	A00040	TSO: 0.0	
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 17, 2010	  JOSEPH R. MOORE, AUTHORIZED INSPECTOR
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PRATT & WHITNEY ENGINE SERVICES, INC.



PT6 ENGINE SHIPPING CHECK LIST

SALES ORDER: 162811	ENGINE MODEL: PT6A-21
CUSTOMER: YUBA SUTTER AVIATION	

POWER SECTION SERIAL NUMBER: PE0215-100					
ITEM	DESCRIPTION	PART NUMBER	SERIAL NUMBER	TIME	REMARKS
1	PROPELLER GOVERNOR	8210-025-01	12143013	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-PE0215					
ITEM	DESCRIPTION	PART NUMBER	SERIAL NUMBER	TIME	REMARKS
5	THERMO. BYPASS	N/A	----	----	----
6	FUEL PUMP	386101-5	0974	TSO: 0.0	OVERHAULED
7	FUEL CONTROL	3244745-4	A72189	TSO: 0.0	OVERHAULED
8	OIL/FUEL HEATER	10552E	WA24427	TSO: 0.0	OVERHAULED
9	START CONTROL	N/A	----	----	----
10	IGNITION EXCITER	10-381550-4	0404R009C	TSO: 0.0	OVERHAULED
11	COMP. BLEED VALVE	3100829-03	4E187	TSO: 0.0	OVERHAULED
12	COMP. BLEED VALVE	N/A	----	----	----
13	FLOW DIVIDER	3244801-1	A00040	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: MARCH 30, 2010	  JEFF CONAWAY, AUTHORIZED INSPECTOR
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Liste des pièces remplacées

List of Parts Replaced

Dossier qualité - Quality Record

Date 2010.03.30

P&WC JR3_6934_E [6934] (2004-10)

N° de série Serial No.	Module	Modèle Model	Bulletin de vente Sales Order No.	Client Customer		
PE0215	PS	PT6A-21	162811	YUBA SUTTER AVIATION		
N° de la pièce Part No.		Designation de la pièce Part Description		Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
EXCHANGE						
3002444		SPACER-ADJUSTING 2.960X3.310X.150		1		
8210-025-01		GOVERNOR ASSEMBLY TURBOPROP		1		
NEW						
3002444		SPACER-ADJUSTING 2.960X3.310X.150		1		
3011210		SWIVEL JOINT-CASING,PP CONTROL,FR		1		
3022984		THERMOCOUPLE OPTION (IC)		3		
3031568		SHAFT-SECOND STAGE PLANET GEAR		1		
3032615		BEARING OPTION (IC)		1		
3032995		STRAINER (IC)		3		
3040110		WIRING HARNESS		1		
3045951-02		PLUG CHIP DETECTOR MAGNET		1		
3109949-01		WASHER-KEY		1		
3118953-01		GASKET OVERSPEED GOVR MNTG		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		

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Liste des pièces remplacées

List of Parts Replaced

Dossier qualité - Quality Record

P&WC JR3_6934_E (6934) (2004-10)

Date 2010.03.30

N° de série Serial No.	Module	Modèle Model	Bulletin de vente Sales Order No.	Client Customer
PE0215	GG	PT6A-21	162811	YUBA SUTTER AVIATION

N° de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S Flag
3119832-01	CABLE-IGNITION EXCITER TO IGNITER	2		
AKWV-27AGB	KIT	1		
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-27SHIPPINGGGG	KIT	1		
MS3420-6	SLEEVE	1		
ST6160-01	BOLT-MACHINE.190-32UNJF,DRILLED HEX	1		
ST6161-01	NUT-CASTELLATED,HEXAGON	2		

J 2010-03-30 14 17 48 R3 2010.03.30 14 17 31 PR1 400 PW42029 /opt/una/queue/tmp/p181am0330141748B

 Fin du document
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Liste des pièces remplacées

List of Parts Replaced

 Page 1 De 2
 Of

Dossier qualité - Quality Record

P&WC JR3_6934_E [6934] (2004-10)

Date 2010.03.30

N° de série Serial No.	Module	Modèle Model	Bulletin de vente Sales Order No.	Client Customer
PE0215	GG	PT6A-21	162811	YUBA SUTTER AVIATION

N° de la pièce Part No.	Designation de la pièce Part Description	Qté Qty	Non Fact. Not Chrg.	Sub. S. Flag
EXCHANGE				
10-381550-4	EXCITER-IGNITION	1		
10552E	HEATER OIL TO FUEL	1		
3007355	SPACER-FLAT,1.1845IDX1.450ODX.145THK	1		
3032651CL01	VANE RING-TURBINE	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		
3244801-1	FLOW DIVIDER UNIT	1		
386101-5	PUMP ASSEMBLY FUEL MAIN ENGINE	1		

NEW				
3007355	SPACER-FLAT,1.1845IDX1.450ODX.145THK	1		
3008787	CONNECTOR-ROD END,,190-32UNFX1.250	1		
3011233	SPRING-EXPANDER,BALL LOCK	1		
3019371	TIE ROD-CPRSR RTR,,3125-24 UNJF	6		
3019438CL5	SHROUD SEGMENT	16		
3023401	BLADE-TURBINE	3		
3023401	BLADE-TURBINE	1		
3031417CL30	WIRING HARNESS-T5 TRIM	1		
3032096	IGNITER (IC)	2		
3036777	SEAL-FACE OPTION (IC)	1		
3057742-01	BLADE-COMPRESSOR	2		
3057793-01	BLADE-COMPRESSOR	4		
3058971-01	VALVE-OIL FILLER TUBE, ASSY OF	1		
3059046-01	SEAL-PL,,9375 SFT DIA X1.4375X.312	1		
3059253-01	FILTER ELEMENT OPTION (IC)	1		
3059258-01	FILTER ELEMENT OPTION (IC)	1		

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: 163688
Description: GAS GENERATOR MODULE
Model: PT6A-21
Serial Number: PE0215

Customer: YUBA SUTTER AVIATION
Print Date: 18-APR-2010
Page: 001 of 001

Document No.	Revision No.	Status
FAA 80-08-12 000	00	Embodied
FAA 92-15-11 000	00	Embodied
FAA 97-04-12 000	00	Embodied

FUEL PUMP DRIVE COUPLING SPLINES
COMP DELIVERY ACC LINE-PW PT6
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: _____



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: 163688

Customer: YUBA SUTTER AVIATION

Description: POWER SECTION MODULE

Print Date: 18-APR-2010

Model: PT6A-21

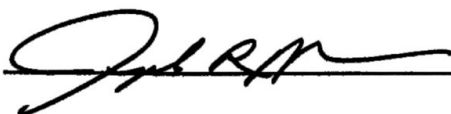

Page: 001 of 001

Serial Number: PE0215

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: _____

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 PRATT & WHITNEY	Description ENGINE TURBOPROP	Model/Type PT6A-21	Serial Number PCE-PE0215
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 71 2S2 P T Vane Class N/D

DESCRIPTION OF WORK ACCOMPLISHED AND REFERENCE DOCUMENTATION:

THIS ENGINE HAS BEEN REPAIRED AND INSPECTED IN ACCORDANCE WITH P&WC MAINTENANCE MANUAL P/N 3013242, REV 35, DATED 18 SEP 2009, AND APPROVED DOCUMENTATION AND/OR ENGINEERING DOCUMENTATION ACCEPTABLE TO THE ADMINISTRATOR TO COMPLY WITH RED FLAG NOTICE #6475, C.T. VANE REPLACEMENT

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 163688.

Date: APRIL 17, 2010

Signed:  
JOSEPH R. MOORE, AUTHORIZED INSPECTOR

PWV-3096 (MAY 98)

Yuba-Sutter Aviation, Inc. Marysville, Ca.

530 743 0688, Fax 530 743 6855

PCE-PE0215

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

- 1 Reinstalled engines after overhaul
- 2 All oil hoses flushed
- 3 Oil Cooler overhauled by Pacific Oil Cooler
- 4 Rigged engines in accordance with Hawker Beechcraft maintenance manual, all Idle adjustments accomplished and Flight Idle blade angle set
- 5 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]
A&P [Signature]

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

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

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

BROUGHT FORWARD

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

530 743 0688, Fax 530 743 6855 FAA CRS YUUR476B
 11/5/2010 Hobbs 3684 3 TT 3684 3 TSOH 134 6 s/n PCE-0215

11/5/2010
TT 3684 3

- 1 Completed a Phase 2 Inspection in accordance with Raytheon Maintenance 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 output 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 [Signature]
 CHIEF INSPECTOR

I certify that this engine has been inspected in accordance with a Raytheon Phase 2 Inspection and was determined to be in an airworthy condition.

John [Signature]
 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 1 TSOH 149 TC 5965 s/n PCE-0215
 6 Completed a Phase 3 and 4 Inspection in accordance with Hawker Beechcraft Maintenance Manual

- 7 Complied with Pratt & Whitney 200hr inspection requirements.
- 8 Accomplished Fuel Nozzle inspection
- 9 Accomplished chip detector inspection and functional check
- 10 Inlet fuel filter inspected and cleaned, outlet fuel filter inspected and replaced
- 11 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 [Signature]
 CHIEF INSPECTOR

I certify that this engine has been inspected in accordance with a Raytheon Phase 3 Inspection and was determined to be in an airworthy condition

John Neal [Signature]
 CHIEF INSPECTOR

304 470

CARRIED FORWARD

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

01/05/2012 Hobbs 3774 9 TT 3774 9 1 TSOH 224 9 TC 6096 s/n PCE-0215

1 Completed a Phase 1 Inspection in accordance with Hawker Beechcraft Maintenance 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

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~~ **5771**

Heath Hall *Heath Hall*
 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

Heath Hall *Heath Hall*
 CHIEF INSPECTOR

Eng Hoses Replaced. Oil + Fuel, *Heath Hall*

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

530 743 0688, Fax 530 743 6855 FAA CRS YUUR476B

10/10/2012 Hobbs 3948 8 TT 3948 8 1 TSOH 398 8 TC 6368 s/n PCE-0215

1 Completed a Phase 2 Inspection in accordance with Hawker Beechcraft Maintenance 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

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 Raytheon 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

Left Engine Log S/N PCE-PE0215
 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 Raytheon 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

Right Engine Log S/N PCE-PE0215
 02/03/2015 Hobbs 190.5 Eng TT 4430.7 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 Oil filter inspected for metal and condition
- 6 Added 3 qt BP 2380
- 7 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

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

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

530 743 0688 Fax 530 743 6855 FAA CRS YUUR476B

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

BROUGHT FORWARD →

Right Engine Log
10/02/2015 Hobbs 410 0 AF Cycles 7338
Eng TT 4700 2
Eng TC 7338
TSOH 1149 9
CSOH 1633
S/N PCE-PE0215
TSHSI 1149 9
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 sheaths, 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

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

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

Right Engine Log S/N PCE-PE0215
 11/02/2016 Hobbs 795 7 Eng TT 5085 9 TSOH 1535 6 TSHSI 1535 6
 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 penodic 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 Adjusted rght hand thrust reverse pick up

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 5085 9

Heath Hall *Heath Hall*
 Chief Inspector

Right 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 95991
 Phone 530-743-0688 / Fax 530-743-6955
 WWW: Yubasutteraviation.com
 CRS YUUR476B

Right

~~Left~~ Engine Log N993CB Eng. S/N: PCE-PE0215 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 penodic 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*

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



4843 Skyway Drive Olathe, KS 66061 / Mail PO Box 2648 Marysville, CA 95901
 Phone 530-743-0888 / Fax 530-743-8855
 WWW: tusaeraviation.com
 CRS: 75LJ04788

Engine Log S/N: PCE-PE0215 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
 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

Chief Inspector

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

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

1. Approving Civil Aviation Authority/Country: FAA/United States	AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number: 8511
---	--	----------------------------------

4. Organization Name and Address: Mint Turbines, LLC 2915 N. State Hwy 99, Stroud, OK 74079	5. Work Order/Contract/Invoice Number: 107552
--	--

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Turboprop Engine	3027500	1 Each	PC-E PE0215	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 Rev40 & PWC MM 3013242 Rev46.

 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: Kenneth R. Arnold	14c. Approval/Certificate No.: 5MNR431B
13d. Name (Typed or Printed): XXXXXXXXXXXXXXXXXXXXXXXXXXXX	13e. Date (dd/mm/yyy): XXXXXXXXXX	14d. Name (Typed or Printed): Kenneth R. Arnold	14e. Date (dd/mm/yyy): 23/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.

TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

CARRIED FORWARD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
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: **PT6A-21** S/N: **PC-FPE0215** Work Order: **8511** Cond: **Tested**

Power Section Total Time:	5,449.1	Power Section Time Since Overhaul:	1,898.9
Gas Generator Total Time:	5,449.1	Gas Generator Time Since Overhaul:	1,898.8
Power Section Total Cycles:	8,568	Power Section Cycles Since Overhaul:	2,863
Gas Generator Total Cycles:	8,568	Gas Generator Cycles Since Overhaul:	2,863
Time Since Last H.S.I.:	172.6	Time Since Last Repair:	0.0

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:	550	35,739	1,527	0.646
Cor. Eng. Take Off Performance Repair Limits:	N/A	N/A	N/A	N/A
Cor. Eng. Take Off Performance Overhaul Limits:	550	36,060	1,607	0.677
Cor. Eng. Test Cell Requirement Repair Limits:	550	35,850	1,570	0.665
Cor. Eng. Test Cell Requirement Overhaul Limits:	N/A	N/A	N/A	N/A
	N/A	N/A	N/A	N/A

Trim: **92** Deg. F° **92** Deg. C° **51.1**
 Harness: PN: **3031417CL25** Class: **25**

PT Vane Ring: Cavity: **[Redacted]** Class: **Area** PN: **Not** SN: **Accessed**
 CT Vane Ring: Cavity: **[Redacted]** Class: **Area** PN: **Not** SN: **Accessed**
 Bleed Valve: **[Redacted]** P.S.I.: **Area** PN: **Not** SN: **Accessed**

Inspector: **[Redacted]** Signature: **[Signature]** Date: **23 Jul 2018**



FRM-PT6ALB1

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

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 →				
9/18/2018					INSTALLED THIS ENG ON RIGHT SIDE OF N787TT C90 S/NL1782 PER BEECH RAFT C90 MAINT. MAN. COMPLIED WITH STATIC RIGGING, SET LOW IDLE/HIGH IDLE : FLIGHT IDLE BLADE ANGLES PER RAISEBECK STC. COMPLIED WITH GROUND BUNS ; LEAK CHECKS, ALL NORMAL. ENG SERVICED TO FULL WITH BP 2380, ETSO: 1898.8 TSN: 5449.1 DFTT: 7103.3 ECSO: 2863 CSN 8568 AFTC: 7056 TSHST: 72.6 I CERTIFY THAT THIS ENG HAS BEEN INSPECTED/ REPAIRED AND IS APPROVED FOR RETURN TO SERVICE. <i>Brian Hough</i> A:P 3779311



No.2 Engine Log

PWC - PT6A-21 - PCE-PE0215

W/O: 200414787TT

Page 1 of 1

HM: 764.8	AGTT: 7,232.0	E1TT: 5,988.0	E2TT: 5,988.0	E3TT:	P1TT: 2,788.3	APUTT:
	APL: 7,178	E1C: 8,888	E2C: 8,888	E3C:	P2TT: 2,788.3	APUC:

- 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: 47 - REMOVED & REPLACED RH STARTER-GENERATOR BRUSHES W/ NEW (4) P/N: M23093-1307 IAW AMM 24-30-05 & LUCAS MM 23700, R9
- Task No: 34 - CW 400 HR. HOT SECTION BORESCOPE INSPECTION IAW EMM 72-00-00, PARAS. 9 C THRU H. SEE REPORT DATED 05/27/2020.
- Task No: 32 - CW (400 HR) NO 2 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) 3120889-01 SHEATHS, S/N'S(ON): VG-3110 THRU VG-3123. SEE 8130-3.
- Task No: 34 - CW (1 Y) NO 2 ENGINE REDUCTION GEARBOX CHIP DETECTOR BRIDGE CHECK IAW EMM 72-10-00, NO DEFECTS NOTED.
- Task No: 62 - CW (1,000 HR) NO 2 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 circumferential 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 functionally tested in accordance with mfg's instructions. Particular details of the repair are on file with SimsAir, LLC.

Date: 6/4/2020 Authorized Signature: *Zachary R. Bishop* Zachary R. Bishop, A&P 3745781

TOTAL SINCE MFG.

PRATT & WHITNEY CANADA

ENGINE BUILD RECORD STATUS REPORT

THE FOLLOWING SERVICE BULLETINS ARE BASIC TO :

ENGINE SERIAL NO. PCE-PE0215

ENGINE MODEL PT6A-21

BUILD SPEC 788

SERVICE BULLETINS

1169	1217	1218	1225	1227	1228	1231	1232	1236
1238	1240	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	1348	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: R. J. Davis DATE: 1999 JAN 21APPROVED BY: E. HENDERFORD DATE: 1999 JAN 21

E. HENDERFORD

