

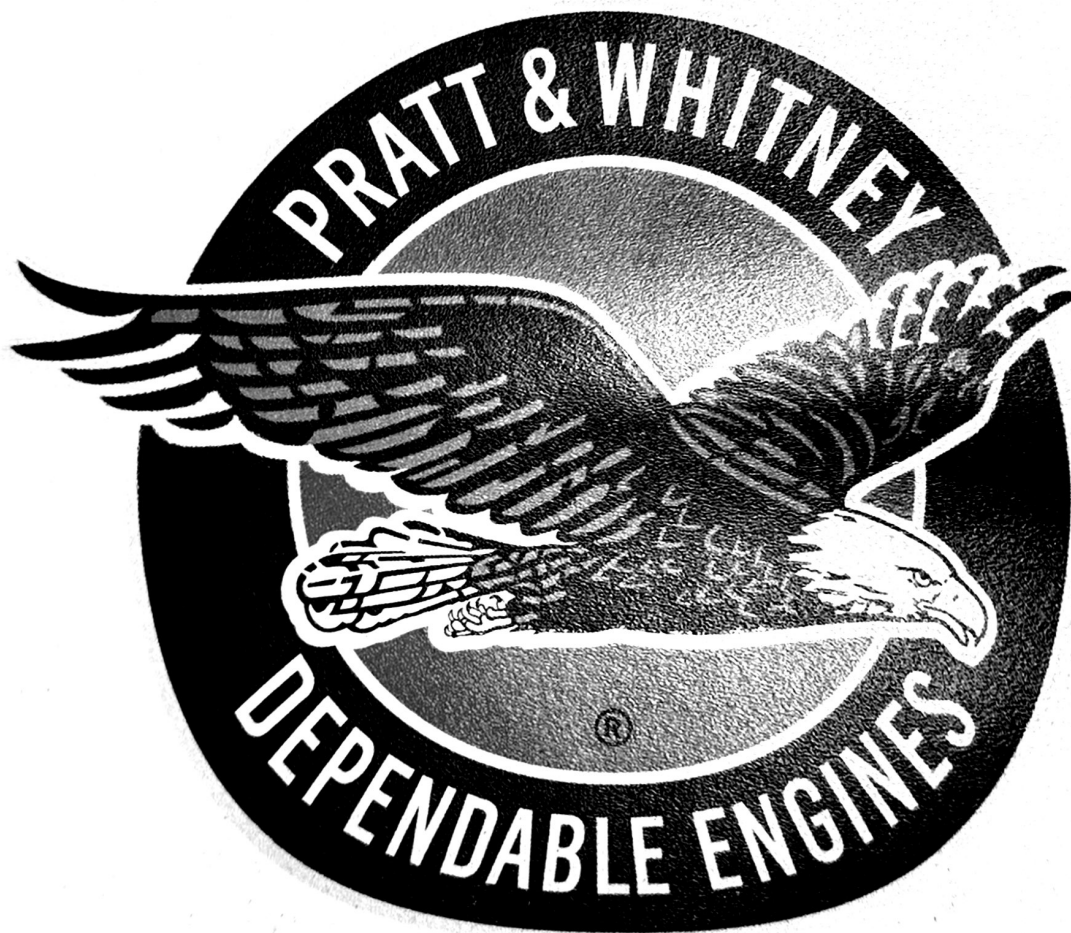
PRATT & WHITNEY PT6A-42

SERIAL NUMBER PCE-93418

LEFT ENGINE

N305EL

S/N BB-947



ENGINE LOG

1. Make

P+WC

2. Model

PT6A-42

3. Specification

4. Manufacturer's Serial
Number

PCE-93418

5. Date of Manufacture

6. Aircraft Inspection Cycle

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.	

BROUGHT FORWARD

Raytheon Aircraft Services FTY FAA CRS ERYR682D 3992 Aviation Circle Atlanta Georgia 30336

N500WF BB-947 Hourmeter: 4111.1 AFTT: 5658.6 AFTC: 4877 5/5/98
Left Engine SN: PCE-93418 TSN: 5620.6 TSO: 2618.3

1. Completed a **Phase 1 through 4 Inspection** in accordance with the Raytheon Aircraft King Air 200 Series Maintenance Manual PN 101-590010-19A41.
2. Installed a new P3 filter PN 3029267.
3. Installed two new ignitors PN CH34055.

This Powerplant has been inspected in accordance with FAR 91.409 (F)(3) and was conducted according to the Raytheon Aircraft King Air 200 Series Maintenance Manual PN 101-590010-19A41 most current approved inspection for a **Phase 1 through 4 Inspection** and was determined to be in an airworthy condition. Details are on file under work order number 11-04-22663.

Authorized Signature:  Date: 5/5/98

Raytheon Aircraft Services FTY FAA CRS ERYR682D 3992 Aviation Circle Atlanta Georgia 30336

N500WF SN BB-947 Hourmeter: 4158.8 AFTT: 4158.8 02-13-99

1. Installed 2ea new left engine ignition cables P/N 3111275-01.
2. Installed 2ea new left engine ignitors P/N CH34055.
3. Removed left engine exciter P/N 10-381550-1, S/N 13245 and installed overhauled exciter same P/N, S/N BA110430F.

This Aircraft was repaired and inspected in accordance with current FAA regulations and found to be airworthy for return to service. Details are on file under work order number: 11-04-24410.

Authorized signature:  Date: 02-13-99

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

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

SIGNATURE

LICENCE
NUMBER

Raytheon Aircraft Services FTY FAA CRS ERYR682D 3992 Aviation Circle Atlanta Georgia 30336

N500WF BB-947 Hourmeter: 4233.6 AFTT: 5781.1 Date: 4-3-2000
Left Engine SN: PCE-93418 TSN: 5743.1 TSO: 2740.8

1. Performed a **Complete Inspection** in accordance with the Raytheon Aircraft King Air 200 Series Maintenance Manual PN 101-590010-19B3.
2. Complied with **400 hour**/Fuel nozzle flow check and inspection.
3. Removed ignition exciter box PN 10-381550-1, SN BAI10430F and installed an overhauled modified unit PN 10-381550-1(P), SN 42090. Unit was OVH & MOD by AlliedSignal Aerospatiale Canada Inc., St-Laurent, Quebec, AMO 1-72 under work order # 352156000 dated 10-14-1999.
4. Resecured lower inboard engine mount bolt.
5. Complied with Performance Recovery compressor wash.
6. Adjusted flight idle torque.
7. Recovered oil sample for analysis.

This **Powerplant** has been inspected in accordance with FAR 91.409 (F)(3) and was conducted according to the Raytheon Aircraft King Air 200 Series Maintenance Manual PN 101-590010-19B3 most current approved inspection for a **Complete Inspection** and was determined to be in an Airworthy condition. Details are on file under work order number 11-04-26995.

Authorized Signature: Mitchell H. Penmore Date: 4-3-2000

STEVENS AVIATION

05/23/01
Left Engine

N500WF SN BB-947
S/N PCE 93418

ACTT 5814.7
HM 4267.2
TTSN 5774.8
TSO 2774.4
TCSN 6388
TCSO 2775

- 9005 Performed Phase 1, 2, 3 and 4, 200 Hour Inspections using the Beechcraft 200 Hour Phase Inspection Guide. Checked igniter plugs. Checked starter/generator brushes. Checked first stage of compressor and rear of power turbine for F.O.D. Inspected and cleaned fuel and oil filters. Replaced high pressure fuel pump paper filter. Inspected, cleaned and functionally checked chip detector. Complied with 300 Hour In-Situ Inspection of Sunstrand Fuel Pump. Ground run, leak and operational checked satisfactory.
- 9208 Complied with Performance Recovery Compressor Wash of Compressor and Turbine Wheel.
- 2001 S.O.A.P. sample taken.
- 9005 Complied with 400 hour inspection and cleaning of fuel purge tank, check valve and filter.
- 2002 Adjusted blade angle to target torque. Ground run and operational checked satisfactory.
- 2004 Removed high pressure auto feather switch P/N 50-389121-19 S/N 1508. Installed new switch P/N 50-389121-19 S/N 12642. Ground run, leak and operational checked satisfactory.
- 2006 Rigged propeller and engine controls. Ground run and operational checked satisfactory.
- 2009 Installed a new starter/generator cooling duct.
- 2010 Installed a new P/N 50388133-15 rubber isolator mount top outboard position.

I CERTIFY THIS **ENGINE** HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION PROGRAM REQUIRED BY FAR 91.409(F) 3 AND **PHASE 1, 2, 3 AND 4, 200 HOUR INSPECTIONS** WERE ACCOMPLISHED. THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER **04-20073**.

SIGNED

Maxie L. Culp

For STEVENS AVIATION, GREENVILLE, SC 29605, CRS VIBR368K

SA-0505

DATE

TIME RUN
OVERHAUL

HRS. MIN. HRS. MIN.

INSTALLATIONS, INSPECTIONS,

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

B
FSTEVENS AVIATION INC.
GREENVILLE, SC

N500WF SN BB-947

ACTT 5865.7
HM 4318.2

03/17/03

Left Engine

S/N PCE 93418

TTSN 5825.8
TSO 2825.4
TCSN 6439
TCSO 2826

- 905 Performed Phase 1, 2, 3 and 4, 200 Hour Inspections using the Beechcraft 200 Hour Phase Inspection Guide. Checked igniter plugs. Checked starter/generator brushes. Replaced "o" ring seal. Checked first stage of compressor and rear of power turbine for F.O.D. Inspected and cleaned fuel and oil filters. Replaced high pressure fuel pump paper filter. Inspected, cleaned and functionally checked chip detector. Complied with 300 Hour In-Situ Inspection of Sunstrand Fuel Pump. Ground run, leak and operational checked satisfactory.
- 955 Complied with Performance Recovery Compressor Wash of Compressor and Turbine Wheel.
- 905 Complied with 400 hour inspection and cleaning of fuel purge tank, check valves and filter.
- 201 S.O.A.P. sample taken.
- 202 Installed a new ice vane linkage boot.
- 205 Drained engine oil and installed new nacelle five year flammable fuel and oil hoses. Reserviced with BP2380 oil. Ground run and leak checked satisfactory.

I CERTIFY THIS **ENGINE** HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION PROGRAM REQUIRED BY FAR 91.409(F) 3 AND **PHASE 1, 2, 3 AND 4, 200 HOUR INSPECTIONS** WERE ACCOMPLISHED AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER **GYH.23215/125**.

SIGNED

SA-0505

 MODEL PT6A-42
 S/N 93418
 REG. NO. N500WF

 AIRSPEED AIRCRAFT MAINTENANCE
 927 FLIGHTLINE DR
 DOTHAN, AL 36303
 334-983-4541

 DATE 5/26/05
 HOBBS 4352.5
 TSMOH 2859.7

THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE FOUND UNDER WO# 05-1437

PERFORMED PHASE INSP. 1 THRU 4 IAW RAYTHEON B200 MAINTENANCE MANUAL, 101-590010-19, CHAP. 5-20-00. COMPLIED WITH THE FOLLOWING SPECIAL INSPECTIONS AND MAINTENANCE.

1. FUEL NOZZLES FLOW TESTED, INSPECTED AND REINSTALLED.
2. C/W BOROSCOPE INSPECTION OF HOT SECTION COMPONENTS
3. REPLACED ENG. OIL FILTER. NEXT DUE AT HOBBS 5352.5
4. PERFORMED ENG GRD. PERFORMANCE RUN. ALL RESULTS AND INDICATIONS NORMAL. LEAK CHECK OK.

41579280120

AL THIS PAGE

 TOTAL FROM
 IIOUS SUMMARY

 TOTAL
 NCE MFG.

MAINTENANCE RECORD

2



STEVENS AVIATION INC.
GREENVILLE, SC N500WF

BB-947

ACTT 6,009.4

HM 4,461.9

FLIGHT CYCLES 5,194

TSO 2,970.1

TCSO 1,542

4/25/2007

LEFT ENGINE

S/N PCE-93418

TTSN 5,970.5

TCSN 5,155

- 1 Performed a Phase 1,2,3,4 /200 Hour Inspection using the Raytheon/Beech King Air B200 Maintenance Manual 200 Hour Phase Inspection Guide and the Pratt & Whitney PT6A-42 Maintenance Manual.
- 1 Checked igniter plugs. Checked starter-generator brushes. Checked first stage of compressor and rear of power turbine for F.O.D. Inspected and cleaned fuel and oil filters. Replaced high pressure fuel pump paper filter. Inspected, cleaned and functionally checked chip detector. Ground run, leak and operational checked satisfactory.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION PROGRAM REQUIRED BY FAR 91-409(F) 3 AND A PHASE 1,2,3,4 INSPECTION WAS ACCOMPLISHED AND THE AIRCRAFT WAS FOUND TO BE UNAIRWORTHY. A LIST OF DISCREPANCIES DATED 4-25-2007 HAS BEEN PROVIDED TO THE OWNER/OPERATOR. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER GSP.21252/124.

Signed

J. David Selph

For STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K



STEVENS AVIATION INC.
GREENVILLE, SC

N500WF

SN BB-947

ACTT 6009.4

HM 4461.9

FLIGHT CYCLES 5194

TTSN 5970.5

TSO 2970.1

TCSN 5155

CSO 1542

4/25/2007

LEFT ENGINE

S/N PCE-93418

207 Replaced several Adel clamps as required.

THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE ITEM(S) ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR(S) ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER GSP.21252/125.

SIGNED

J. David Selph

For STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K

MAY 8, 2007

T.T. - 5972

TC - 5156

TSO - 2971.9

CSO - 1543.

PT6-42 PCE-93418

This engine was removed from the left position of N500WF & sent to Dallas Aircraft for overhaul.

[Signature]

APR 19082381A

MAXIMUM HOURS BETWEEN OVERHAULS

HOURS

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	



PT6A-42	Engine S/N: PCE93418	T.S.N.: 59723 5995.1	C.S.N.: 5150 6327 6327	T.S.O.: 00.0	C.S.O.: Zero
Overhauled, Tested And Preserved I.A.W. Pratt & Whitney Overhaul Manual 3021443 Revision 39 Dated November 10, 2006. Turbine Vane Ring Areas: PT: 18.84 CT: 6.79					
Airworthiness Directive Status: Not Applicable: AD 97-04-12 Amendment 39-9936 Dated March 14, 1997 to installed serial number AD 86-10-05 Amendment 39-5266 Dated June 5, 1986 to installed part number					
Pratt & Whitney Service Power Section: 3197, 3241, 3252, 3253, 3284, 3298, 3302, 3322, Accessory Gearbox: 3178, 3274, 3277, 3283, 3299, 3358, 3419, 3420 Bulletins Accomplished: 3334, 3336, 3371 General: 3002, 3108, 3167, 3316, 3341, 3367, 3391 Gas Generator: 3122, 3294, 3301, 3307, 3331, 3360, 3374					
Manufacturer Service Bulletins Accomplished: Stewart Warner: 73-10. Honeywell: 73-12. Woodward: 33531, 33606, 83053-61-016.					

Corrected Engine Performance									
SHP	Ng %	T ₄ °F	T ₄ °C	SFC	Power Check T ₄ Target	Ng Speed	T ₂ Pull Down Required	T ₂ Trimmer	
850	94.3	1219	659	0.606	-91 °C	35372	45.0 °C	P/N: 3034857	Adjusted @ 26.0 Ω

Life Limited Components Installation (Note: Refer To S/B 3002, Latest Revision, For Approved Life Limits)											
Name	Part Number	Serial Number	Total Hours	Total Cycles	Remarks	Name	Part Number	Serial Number	Total Hours	Total Cycles	Remarks
Disk-Stage 1 P.T.	3022812	7F734	5972.3	5156		Disk-Stage 2 Comp.	3023112	2K474	5972.3	5156	
Disk-Stage 2 P.T.	3022813	6F925	5972.3	5156		Rear Hub	3036911	18A198	2971.9	1543	
Impeller	3017463	4B529	5972.3	5156		Disk-C.T.	3049291-01	A0027861	New	New	
Disk-Stage 3 Comp.	3023113	2K720	5972.3	5156		Blades-C.T.	3027301	N/A	TSO: 00.0	N/A	

Accessory Installation									
Name	Part Number	Serial Number	T.S.O.	Remarks	Name	Part Number	Serial Number	T.S.O.	Remarks
Fuel Control	3244768-13-12-11-10-9-7	A69541	00.0		Igniter Plugs	CH34055	NSN	New	
Divider Control	3019906	12115	00.0		L.P. Bleed Valve	3100923-02	1D788	00.0	
Fuel Heater	10585K-FGHJ	PWC95A35	00.0		H.P. Bleed Valve	3100922-05	1C192	00.0	
Fuel Pump	025323-300-03	8564	00.0		Bus Bar	3109241-01	NR05310	New	
Overspeed Governor				Not Received	Bus Bar	3109242-01	NR05171	New	
CSU Governor	8210-024 Rev J	1715298	00.0		T ₄ Lead	3112214-01	NR20053	New	
Torque Limiter	3244707-6	A10881	00.0		T ₄ Trimmer	3034857	NR15781	00.0	
P ₁ Air Filter	3029267	NSN	00.0		By-Pass Valve	3024996	31390	00.0	
Exciter				Not Received	Main Oil Filter	3028419	NSN	New	
Ignition Cables	CH53399-06	NSN	New		Fuel Nozzles	Various	Various	00.0	

This Engine Has Been Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration, Title 14, Code of Federal Regulations, Part 43 and in Respect to That Work, This Engine is Approved for Return to Service. Pertinent Details Of This Repair Are On File At This Repair Station Under Sales Order OH38829.

Warranty May Be Transferred With Prior Written Consent. Please Call 1.800.527.5003.

Authorized Signature: *[Signature]*

Date: July 27, 2007

Prepared By: *[Signature]*

Date: July 27, 2007

* NOTE Audit of logs 2/24/2023				
Time @ Overhaul as follows				
TSN 5995.1				
CSN 6327				
this engine installed to BB947				
in 1990 and has 38.8 fewer				
hours and 1108 cycles more				
than the Airframe				
CARRIED FORWARD <i>[Signature]</i> AP32022341A				
TOTAL THIS PAGE				
TOTAL FROM PREVIOUS SUMMARY				
TOTAL SINCE MFG.				

MAINTENANCE RECORD

3

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

SIGNATURE

LICENCE
NUMBER

Beech 200 N500WF BB-947 Hobbs: 4486.4

Date: 9-12-07 Model: PT6A-42 S/N: 93418

TSN: 5972.3 CSN: 5156 TSO: 0.0 CSO: 0

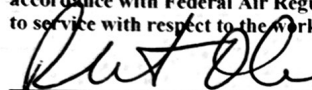
+1A6033.9 - 5219 landings

TSN 5995.1

CSN 6327

Installed overhauled engine in L/H position of N500WF per Mfr. Maintenance Manual. Installed new engine mounts, O/H/C OSG S/N 2122242 and O/H/C Fuel pump S/N B-5010-019. All systems checked and adjusted to specifications. Serviced with BP2380 oil and satisfactory ground runs performed with no fluid leaks observed. See attached DAI overhaul forms for details.

The engine and/or component above was repaired and inspected in accordance with Federal Air Regulations and was approved for return to service with respect to the work performed on this date.



AP0155267361A

Robert O'Connor
Specialty Turbine Service

MODEL PT6A-42
S/N 93418
REG N500WF

AIRSPEED AIRCRAFT MAINTENANCE
927 FLIGHTLINE DR.
DOTHAN, AL. 36303

DATE 12/11/08
HOBBS 4584.4
TTE 6070.3 TCE 5254
TSOH 98.0 CSOH 98

THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS ARE FOUND UNDER WO# 08-2804.

THIS ENGINE HAS BEEN INSPECTED IN CONJUNCTION WITH AN AIRCRAFT COMPLETE INSPECTION, PHASE 1-4. GROUND RUN ACCOMPLISHED FOLLOWING WITH ALL RESULTS NORMAL AND NO LEAKS NOTED.


4157928420

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE

ITE

BROUC
FORW

MODEL PT6A-42
S/N 93418
REG N500WF

ALLIANCE AVIATION
927 FLIGHTLINE DR
DOTHAN, AL. 36303

DATE 3/1/11
HOBBS 4686.5
TSN 6172.4
CYC

THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ONLY WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS ARE FOUND UNDER WO#.

1. THIS ENGINE HAS BEEN INSPECTED IN CONJUNCTION WITH A COMPLETE INSPECTION IAW B200 M/M AND INSPECTION GUIDE.
2. ENGINE HAS BEEN GROUND RUN FOR LEAKS AND PERFORMANCE.

Roberts Shuer
AP 347280170

MODEL PT6A-42
S/N 93418
REG N500WF

ALLIANCE FLIGHT SUPPORT
927 FLIGHTLINE DR
DOTHAN, AL. 36303

DATE 4/5/12
HOBBS 4734.0
TSN 6219.9
CYC

THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE ONLY WITH RESPECT TO THE WORK PERFORMED. PERTINENT DETAILS ARE FOUND UNDER WO#.

1. THIS ENGINE HAS BEEN INSPECTED IN CONJUNCTION WITH AN INTERIM INSPECTION IAW B200 M/M AND INSPECTION GUIDE.
2. ENGINE HAS BEEN GROUND RUN FOR LEAKS AND PERFORMANCE.

Roberts Shuer
AP 3472804

MODEL PT6A-42
S/N 93418
REG N500WF

ALLIANCE FLIGHT SUPPORT
927 FLIGHTLINE DR
DOTHAN, AL. 36303

DATE 8/9/13
HOBBS 4761.6
TSN 6247.5
CYC

1. THIS ENGINE HAS BEEN INSPECTED IN CONJUNCTION WITH A COMPLETE INSPECTION IAW B200 M/M AND INSPECTION GUIDE.
2. ENGINE HAS BEEN GROUND RUN FOR LEAKS AND PERFORMANCE.

Roberts Shuer
AP 3472804 2A

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

MAINTENANCE RECORD

4

LICENCE
NUMBER

MODEL PT6A-42
S/N 93418
REG N500WF

ALLIANCE FLIGHT SUPPORT

927 FLIGHTLINE DR
DOTHAN, AL. 36303

DATE 5/1/15
HOBBS 4767.4
TSN 6253.3
CYC

1. THIS ENGINE HAS BEEN INSPECTED IN CONJUNCTION WITH AN INTERIM INSPECTION IAW B200 M/M AND INSPECTION GUIDE.
2. ENGINE HAS BEEN GROUND RUN FOR LEAKS AND PERFORMANCE.

Rolls Royce
AP 3478042A

MODEL PT6A-42
S/N 93418
REG N500WF

ALLIANCE FLIGHT SUPPORT

927 FLIGHTLINE DR
DOTHAN, AL. 36303

DATE 04/18/17
HOBBS 4771.6
TSN 6257.5
CYC

1. THIS ENGINE HAS BEEN INSPECTED IN CONJUNCTION WITH AN COMPLETE INSPECTION IAW B200 M/M AND INSPECTION GUIDE.
2. ENGINE HAS BEEN GROUND RUN FOR LEAKS AND PERFORMANCE.

Rolls Royce
AP 3478042A



STEVENS AVIATION, INC.
NASHVILLE, TN

May 18, 2018

Left Engine S/N PCE-93418

N500WF
S/N BB-947
TSN 6268.0
TSO 295.7

ACTT 6329.6
HM 4782.1
CSN 5468
CSO 312

I certify this **Engine** has been inspected in accordance with FAR 91.409(F) 3 and a **Beechcraft Complete** Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number **8412**.

SIGNED

For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K

All maintenance performed in accordance with applicable sections of manufactures maintenance manual. Obtained Global Filtration Oil Samples. Replaced HP Fuel Pump drive Garloc seal and packing with new. Cleaned and inspected fuel & oil screens and filters. Checked igniters and chip detector. Checked starter/generator brush wear. C/W 200 hr 1st stage compressor rotor inspection. Lubricated engine and propeller controls. C/W 200 hr performance recovery wash & CT wheel rinse. Ground run leak check serviceable.

The Aircraft, Airframe, Aircraft Engine, Propeller Or Appliance Identified Above Was Repaired And Inspected in Accordance With Current Federal Aviation Regulations And Is Approved For Return To Service. Pertinent Details Of The Repair Are On File At This Agency Under Work Order Number **8412**.

Signed

For STEVENS AVIATION Nashville, TN 37217 CRS VIB3368K

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 →					

SD satcom direct.

2/17/2019 11:00:00 AM N305EL

Serial: 2976 934/8

Meter: 35.5 TTIS: 000

Cycles: 5294

1 of 1

1. : Performed Engine Minor Inspection IAW PWC 72-00-00 Table 601 Checklist.
2. : Cleaned and inspected Fuel and Oil screens/filters.
3. 1st Stage Comp Rotor Insp: CW Visual rotor Inspection
4. : Lubricated engine controls.
5. : Checked Igniters and Chip detectors.

Performed post inspection ground run and operational checks.

This engine is approved for return to service.

386-341-6172 1600 Ormond Rd.
Gus Warren skywayaero@gmail.com
AP32022341A

This entry has NOT been digitally signed on the AircraftLogs system. The above information is the maintenance record author.

SD satcom direct.

8/26/2019 11:19:00 AM N305EL

Serial: 0080

PCE - 934/8

Meter: 326.1 TTIS: 1273.6 6684.9

Cycles: 5500

804 - 715.6

1 of 1

1. : Performed Engine Minor Inspection IAW PWC 72-00-00 Table 601 Checklist.
2. : Cleaned and inspected Fuel and Oil screens/filters.
3. : 1st Stage Comp Rotor Insp: CW Visual rotor Inspection
4. : Lubricated engine controls.
5. : Checked Igniters and Chip detectors.

Performed post inspection ground run and operational checks.

This engine is approved for return to service.

386-341-6172 1600 Ormond Rd.
Gus Warren skywayaero@gmail.com
AP32022341A

This entry has NOT been digitally signed on the AircraftLogs system. The above information is the maintenance record author.

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM
PREVIOUS SUMMARY

TOTAL
SINCE MFG.

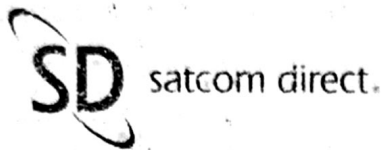
MAINTENANCE RECORD

5

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

SIGNATURE

LICENCE
NUMBER



5/31/2020 10:58:00 AM N305EL

Serial: 2976

Meter: 433.6 TTIS: 0-0

Cycles: 6174

6285.4 TTIS

913,150H

1 of 1

1. : Performed Engine Minor inspection IAW PWC 72-00-00 Table 601 Checklist.

2. : Cleaned and inspected Fuel and Oil screens/filters.

3. : Lubricated Engine controls

4. : Checked ignitors and chip detectors.

Performed Post inspection ground run and operational checks.

386-341-6172 1600 Ormond Rd.

Gus Warren skywaydep@gmail.com

This entry has NOT been digitally signed on the Aircraftlogs system. The above information is the maintenance record author.

N 305EL

Make: P&WC
Model: PT6A-42
Serial #: PCE-93418

Left Engine

Signature Technician

5500 44th St Grand Rapids, MI 49512

Date: 9/19/22

TSO: 1823.9
CSO: 1696

Eng TSN: 7796.0
Eng CSN: 4852

- Complied With Engine PT6A-42 S/N PC-E 93418 Hot Section Inspection IAW Pratt & Whitney PT6A-67P MM 72-00-00 sec 7 & 8 Internal components inspected/repared by Pratt & Whitney on WO# RPR60333/PC-E 93418.
- Replaced damaged thermocouple probe P/N: 3116133-01 from 4 o'clock position of LH engine and installed new thermocouple probe P/N: 3039532 IAW Pratt & Whitney PT6A-42 MM 77-20-01.
- Removed leaking LH engine RGB chip detector P/N 3045951-02 SN:ABG050 and replaced it with new RGB gearbox chip detector P/N 3045951-02 SN:ABAG237 IAW P&W PT6A-42 MM 72-10-00
- Reinstalled Inspected Large Exit Duct P/N 3100224-01 S/N 107-438
- Reinstalled Inspected Combustion Liner P/N 3103775-01 S/N 8A634
- Reinstalled Repaired C.T. Disk P/N 3049291 S/N A0027861
- Reinstalled Repaired I.E. Duct Assy P/N 3029122 S/N 5003-283
- Reinstalled Inspected and Tested Inlet Fuel Adapter P/N 3019424 S/N N/A
- Reinstalled Inspected and Tested Primary Fuel Nozzle P/N 3019536 S/N N/A
- Reinstalled Inspected and Tested Secondary Fuel Nozzle P/N 3019537 S/N N/A
- Performed an operational and leak check, as needed, on the above listed items, and no discrepancies were noted.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

Signed: Gary Berrington

for CRS 9PER215C

Page 1 of 1

Date: 9/19/22

40665 1318.6

WO# 566- 22-66203

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.	

ROI
FOR

N 305EL

Left Engine

Date: 12/14/22

Make: P&WC

Model: PT6A-42

Serial #: PCE-93418

Signature TechnicAir

5500 44th St Grand Rapids, MI 49512

Eng TSN: 8201.3

TSO: 1850.2

Eng CSN: 6884

CSO: 1728

- Replaced LH engine fuel pump P/N: 025323-300-03 S/N: 8564 with overhauled P/N: 025323-300-03 S/N: 7646 IAW Pratt & Whitney PT6A-42 MM 73-10-02. No further defects noted at this time.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

Signed: Gary Berriman

for CRS 9PER215C

Page 1 of 1

Date: 12/14/22

Hobbs 1344.5

WO# S66- 22-66310

amazonbasics

StandardAero		Engine Log Book Entry		Work Order Number:	Date:
		2988 West Walnut Hill Lane DFW Airport, TX 75261		00034117	Dec 9, 2022
Aircraft Type: King Air 200	Aircraft Registration Number: N305EL	Aircraft Serial Number: BB-947	Aircraft Total Time: 8036.5		
Engine S/N: PCE-93418	Engine Model: PT6A-42	Engine Position: Left	Aircraft Total Landings: 9158		
Engine Time Since New (TSN): 8201.3	Engine Cycles Since New (CSN): unk	Time Since Overhaul (TSO): unk	Cycles Since Overhaul (CSO): unk		

Work Performed:

- Removed worn Fuel Pump Gearshaft Assembly PN: 30418613104152-01 and replaced with OVERHAULED PN: 3104152-01 TSO:0.0
 - Removed and replaced Fuel Pump Carrier seal with new PN: 3022375
- All work performed with reference to Pratt & Whitney Canada EMM 3021442 Rev 64.0 dated Jul 11, 2022, Overhaul Manual 3021443 rev 54.0 dated Feb 7, 2022 and Beechcraft AMM 101-590010-19 Rev E1, dated Nov 1, 2019 and other data and methods acceptable to the administrator. Ground run leak checks good.

This certifies that the work requested by the customer and described on the sales order listed above was accomplished and inspected with reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with respect to the work performed, is approved for return to service. Pertinent details of this repair are on file at this FAA Certified Repair Station

Signature

Jeff DeBoer for StandardAero
FAA CRS #YRRR491L

N 305ELMake: P&WC
Model: PT6A-42
Serial #: PCE-93418Left Engine
Signature TechnicAir

5500 44th St Grand Rapids, MI 49512

TSO: 1823.9
CSO: 1696

Date: 6/12/24

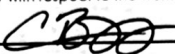
Eng TSN: 7796.0
Eng CSN: 1823.9

- Complied With Engine PT6A-42 S/N PC-E 93418 Hot Section Inspection IAW Pratt & Whitney PT6A-42 MM 72-00-00 sec 12 Internal components inspected/repared by Dallas Airmotive on WO# RPR60333/PC-E 93418.
- Replaced damaged thermocouple probe P/N: 3116133-01 from 4 o'clock position of LH engine and installed new thermocouple probe P/N: 3039532 IAW Pratt & Whitney PT6A-42 MM 77-20-01.
- Removed leaking LH engine RGB chip detector P/N 3045951-02 SN:ABG050 and replaced it with new RGB gearbox chip detector P/N 3045951-02 SN:ABAG237 IAW P&W PT6A-42 MM 72-10-00
- Reinstalled Inspected Large Exit Duct P/N 3100224-01 S/N 107-438
- Reinstalled Inspected Combustion Liner P/N 3103775-01 S/N 8A634
- Reinstalled Repaired C.T. Disk P/N 3049291 S/N A0027861
- Reinstalled Repaired I.E. Duct Assy P/N 3029122 S/N 5003-283
- Reinstalled Inspected and Tested Inlet Fuel Adapter P/N 3019424 S/N N/A
- Reinstalled Inspected and Tested Primary Fuel Nozzle P/N 3019536 S/N N/A
- Reinstalled Inspected and Tested Secondary Fuel Nozzle P/N 3019537 S/N N/A
- Performed an operational and leak check, as needed, on the above listed items, and no discrepancies were noted.

*****This is an ammended log entry for work performed on 09/19/2022*****

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

Signed: Christopher Biggar



for CRS 9PER215C

Date: 6/12/24

WO# S66- 22-66203

MAINTENANCE RECORD

6

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

SIGNATURE

LICENCE
NUMBER

2/24/2023 PT6A-43 PCE 93418

Audit of logs times this date and corrections as follows.

TSN 7826.5

TSO 1753.8

CSN 8062

CSO 1735

This engine was installed in BB-947 in 1990.

At the time of install this engine had 38.8 fewer hours than Airframe TT,
and 1108 more cycles than Airframe Landings.

EngTT=AcftTT-38.8

EngTotCyc=AcftLndgs+1108

This interval has been carried forward to this date.

John Warren AP 3202234 IA

John Warren

N 305EL

Left Engine

Date: 3/2/23

Make: P&WC

Signature TechnicAir

ETT: 7826.5

Model: PT6A-42

5500 44th St Grand Rapids, MI 49512

CYCLES: 8062

Serial #: PC-E93418

- * Complied with Visual inspection of the CT shrouds and found some rubbing from 6 - 12 o'clock position with no metal transfer. Compressor turbine blade tips also show signs of rubbing with small amount of burnt material. No additional findings noted on CT blades. Blade tip measurements are within serviceable limits per Pratt & Whitney PT6A-42 MM 72-50-01 table 204 reference number 318. This rubbing is acceptable provided engine performance is within limits per P&WC EMM 72-00-00 and 72-50-01 which was not completed at this time. TechnicAir not responsible for engine reassembly, performance runs or return to service.

Signed: Russell Armock

Date: 3/2/23

for CRS 9PER215C

Page 1 of 1
Page 1 of 1

WO# S66- 23-66485

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.



PRIME TURBINES
485 Airport Road
Butler, PA 16002
FAA Certified Repair Station #3A6R191B

Engine Make:
Pratt & Whitney Canada

Engine Model:
PT6A-42

Serial Number:
PCE-93418

Engine Total Time:
7,826.5

Engine Total Cycles:
8,062

Time Since Overhaul:
1,753.8

Cycles Since Overhaul:
Not Supplied

Work Performed: Split engine at C flange for PT disk change. Installed power section repaired by Prime Turbines Butler, PA refer to 8130 for details. Serviced with 2380 oil. Complied with satisfactory leak checks and ground performance runs. All work performed in accordance with PWC Maintenance Manual - PT6A-42 MANUAL PART NO. 3021442, ISSUE NO. 65.0, DATED Jan-16-2023, and Textron B200 Super King Air Maintenance Manual – P/N 101-590010-19 Revision No. E2 Dated 01/01/2023.

Details on file at Prime Turbines Repair Station under **Work Order #:** P3958

Authorized Signature:


Jason Shillingburg

Date: 3/2/2023

Certifies that the work performed was carried out in accordance with FAA Airworthiness Regulations and in respect to work performed the parts are approved for return to service.

MAINTENANCE RECORD

7

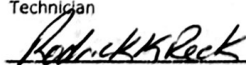

 StandardAero		Engine Logbook Entry 2988 West Walnut Hill Lane DFW Airport, TX 75261		¹ Work Order Number: 35731	² Date: June 5, 2023
³ Aircraft Type: King Air 200	⁴ Aircraft Registration Number: N305EL	⁵ Aircraft Serial Number: BB-947	⁶ Aircraft Total Time: 7992.1		
⁷ Engine S/N: PCE-93418	⁸ Engine Model: PT6A-42	⁹ Engine Position: #1 L/F	¹⁰ Aircraft Total Landings: 6973		
¹¹ Engine Time Since New (TSN): 7958.2	¹² Engine Cycles Since New (CSN): 8084	¹³ Time Since Overhaul (TSO): N/A	¹⁴ Cycles Since Overhaul (CSO): N/A		

¹⁵ Work Performed: Performed complete Borescope Inspection of 1st stage compressor, Combustion Liner, CT Stator Assembly, Blades and Segments, and trailing face of Power Turbine blades. Work Performed with reference to PWC EMM 3021442 Rev 65.0 dated Jan 16, 2023 and other data and methods acceptable to the administrator. Minor rubs noted in segments that do not appear to effect performance and are within allowable limits of the EMM.

This certifies that the work requested by the customer and described on the sales order listed above was accomplished and inspected with reference to instructions for continued airworthiness, other data acceptable to the FAA and current FAA regulations, and with respect to the work performed, is approved for return to service. Pertinent details of this repair are on file at this FAA Certificated Repair Station

Signature  
 Jeff DeBoer for StandardAero
 FAA CRS # YRRR491L

Given the nature of borescope instrumentation it is often not possible to make observations and examine all areas of an individual engine as part of an evaluation. Based on this limitation, StandardAero cannot and does not warrant its findings for borescope evaluations (pre-purchase and otherwise) against the possibility that hidden damage may exist that was not observable and reported by our technician at the time of the evaluation.

N305EL		Engine Logbook Entry		1 - 1/1	
Version: 1					
Engine Make & Model PT6A-42		WO#		Date 12-Jun-2023	
Engine Serial Number PCE-93418		Work Performed By		Engine Hours 7958.20	
Operator DCT Aviation				Engine Cycles 8084.00	
— Performed the Following Scheduled Items — 01. 5 7010 - NO. 1 ENGINE - MINOR INSPECTIONS 02. 74 0015 - NO. 1 ENGINE - EXAMINE THE SPARK IGNITERS FOR CLEANLINESS AND EROSION. DO A FUNCTIONAL CHECK - Work Description: Installed two new ignitors. 03. 74 1000 - NO. 1 ENGINE - EXAMINE THE IGNITION EXCITER FOR THE CORRECT INSTALLATION AND CONDITION 04. 74 2000 - NO. 1 ENGINE - EXAMINE THE IGNITION CABLES FOR CHAFING, WEAR AND CORRECT INSTALLATION 05. 79 0045 - NO. 1 ENGINE - CHECK AGB INTERNAL SCAVENGE OIL PUMP INLET SCREEN					
I certify this Aircraft/engine/Part, is in airworthy condition with respect to the maintenance and/or inspection performed, and is approved for return to service. All maintenance and/or inspections were completed in accordance with FAA regulations, and Manufactures Maintenance Manuals.					
Technician 		License / Cert # AP3233305		Signature 	
				Date 06/12/2023	



Alamo Aviation Services LLC

Left Engine Log Entry

Page 1 1

August 5, 2024

Engine Model: PT6A-42A Engine Total Hours: 8073.4
Engine S/N: PCE-93418 Engine Total Cycles: 8249
Engine Hours Since Overhaul: 2000.7
Engine Cycles Since Overhaul: 1922

AIRCRAFT SERIAL NUMBER	AIRCRAFT REGISTRATION NUMBER	AIRCRAFT TYPE	AIRCRAFT TOTAL HOURS	AIRCRAFT TOTAL LANDINGS
BB-947	N30SEL	BE200	8107.3	7138

TASK/ITEM	DESCRIPTION
	ACCOMPLISH PHASE 1 INSPECTION
01	Complied with Phase 1 Inspection IAW King Air B200 Series MM P/N 101-590010-19 Rev-E3, Date August 1, 2023, Chapter 5-20-01.
	ACCOMPLISH PHASE 2 INSPECTION
02	Complied with Phase 2 Inspection IAW King Air B200 Series MM P/N 101-590010-19 Rev-E3, Date August 1, 2023, Chapter 5-20-02.
	NO. 1 ENGINE MINOR INSPECTION
03	Complied With Engine Minor Inspection IAW Pratt & Whitney PT6A-42 MM Chapter 72-00-00. Operational And Leak Checks Satisfactory
	NO. 1 ENGINE - CHECK IGNITION CABLES FOR CHAFING, WEAR, AND INSTALLATION
04	Complied With Inspection of Ignition Cables for Chafing, Wear and Installation IAW Pratt & Whitney PT6A-42 MM Chapter 74-20-00. No Discrepancies Noted
	NO. 1 ENGINE - CHECK SPARK IGNITERS FOR CLEANLINESS AND EROSION, CHECK FUNCTION
05	Complied With Inspection of Spark Igniters for Cleanliness and Erosion IAW Pratt & Whitney PT6A-42 MM Chapter 74-20-00. Operational Checks Satisfactory. No Discrepancies Noted.
	NO. 1 ENGINE - CHECK IGNITION EXCITER FOR INSTALLATION AND CONDITION
06	Complied With Inspection of Ignition Exciter for Installation and Condition IAW Pratt & Whitney PT6A-42 MM Chapter 74-10-00. No Discrepancies Noted.

	NO. 1 ENGINE - BRIDGE CHECK CHIP DETECTOR
07	Complied With No. 2 Engine Bridge Check Chip Detector IAW Pratt & Whitney PT6A-42 MM Chapter 79-20-02. No Discrepancies Noted.
	NO. 1 ENGINE - CONTINUITY CHECK MAGNETIC CHIP DETECTOR
08	Complied With Continuity Check of Magnetic Chip Detector IAW Pratt & Whitney PT6A-42 MM Chapter 79-20-02. No Discrepancies Noted.
	NO. 1 ENGINE - REPLACE FUEL PUMP OUTLET FILTER
09	Complied With Replacement of Fuel Pump Outlet Filter IAW Pratt & Whitney PT6A-42 MM Chapter 73-10-02.
	NO. 1 ENGINE - CHECK/CLEAN/REPLACE FUEL PUMP INLET SCREEN
10	Complied With Inspection of Fuel Pump Inlet Screen IAW Pratt & Whitney PT6A-42 MM Chapter 73-10-02. No Discrepancies Noted.
	NO. 1 ENGINE PNEUMATIC SYSTEM - CLEAN THE PT FILTER, DEPENDENT ON CONDITION, SERVICE EXPERIENCE OR ENVIRONMENT.
11	Cleaned And Inspected Pneumatic System Filter IAW Pratt & Whitney PT6A-42 MM Chapter 73-10-07. No Discrepancies Noted.
	NO. 1 ENGINE - EXAMINE THE OIL FILTER ELEMENT AND SECONDARY SCREEN
12	Complied With Inspection of No. 1 Engine Oil Filter Element and Secondary Screen IAW Pratt & Whitney PT6A-42 MM Chapter 79-20-03. No Discrepancies Noted.
	NO. 1 ENGINE - CHECK AGB INTERNAL SCAVENGE OIL PUMP INLET SCREEN
13	Complied with Inspection of Engine AGB Internal Scavenge Oil Pump Inlet Screen, No Discrepancies noted. Work Done IAW Pratt & Whitney PT6A-42A MM Chapter 72-10-00.
	NO. 1 ENGINE - COMPRESSOR PERFORMANCE RECOVERY WASH
14	Complied With Compressor Performance Recovery Wash IAW Pratt & Whitney PT6A-42 MM Chapter 71-00-00.
	NO. 1 ENGINE - COMPRESSOR DESALINATION WASH
15	Complied With Compressor Desalination Wash IAW Pratt & Whitney PT6A-42 MM Chapter 71-00-00.

Page 1 2

I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW Title 14 CFR 91.409 (f) (3). Only those items specified above have been inspected and found to be Airworthy and Returned to Service. No other representations concerning Airworthiness are expressed or implied.

Work performed by:

Almo Delgado
Certificate No: A&P #3582560



PRIME TURBINES

485 Airport Road

Butler, PA 16002

FAA Certified Repair Station #3A6R191B

Engine Make:

Pratt & Whitney Canada

Engine Model:

PT6A-42

Serial Number:

PCE-93418

Engine Total Time:

7,826.5

Engine Total Cycles:

8,062

Time Since Overhaul:

1,753.8

Cycles Since Overhaul:

Not Supplied

Work Performed: Split engine at C flange for PT disk change. Installed power section repaired by Prime Turbines Butler, PA refer to 8130 for details. Serviced with 2380 oil. Complied with satisfactory leak checks and ground performance runs. All work performed in accordance with PWC Maintenance Manual - PT6A-42 MANUAL PART NO. 3021442, ISSUE NO. 65.0, DATED Jan-16-2023, and Textron B200 Super King Air Maintenance Manual – P/N 101-590010-19 Revision No. E2 Dated 01/01/2023.

Details on file at Prime Turbines Repair Station under **Work Order #:** P3958

Authorized Signature:

Jason Shillingburg

Date: 3/2/2023

Certifies that the work performed was carried out in accordance with FAA Airworthiness Regulations and in respect to work performed the parts are approved for return to service.

1. Approving Civil Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: RPR60333	
4. Organization Name and Address  DallasAirmotive A StandardAero Company		Dallas Airmotive, Inc. Spirit of St. Louis Airport 567 Bell, No. 100 Chesterfield MO 63005 Certificate Number: YRR7491L			5. Work Order/Contract/Invoice Number: RPR60333	
6. Item	7. Description:	8. Part Number	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	LARGE EXIT DUCT	3100224-01	1	107-438	INSPECTED	
12. Remarks TT: NA TSO: NA CSN: NA CSO: NA INSPECTED 1 EA. LARGE EXIT DUCT P/N 3100244-01 S/N 107-438 ALL WORK AS PER PRATT AND WHITNEY MAINTENANCE MANUAL P/N 3021442 REV 64 DATED 07/11/2022 AND OTHER DATA AND METHODS ACCEPTABLE TO THE ADMINISTRATOR. ENGINE S/N PCE-93418 						
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:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval Certificate No.: YRR7491L
13d. Name (Typed or Printed):		13e. Date		14d. Name (Typed or Printed): STEVE SIMON		14e. Date (dd-mm-yyyy) 16-Aug-2022
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 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.						

**Pratt & Whitney Canada**

Une société de United Technologies / A United Technologies Company

Specification No LGEN-001 Rev. 4.2

Revision Date 29 March, 2022

PT6 Power Assurance Check

ENGINE MODEL	PT6A-42	ENGINE S/N	PC-E93418
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TSN	7796.0	CSN	6852	TSO	1823.9	CSO	1696
-----	--------	-----	------	-----	--------	-----	------

OAT	27 C	PRESSURE ALTITUDE	810	FIELD BAROMETER	30.01
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TARGET VALUES (as per Flight Manual)	
NP (%)	
TQ (PSI or %)	1990
NG (%)	98%
T5 (°C)	753
WF (PPH or Kg/hr)	522



OBSERVED VALUES	
NP (%)	
TQ (PSI or %)	1990
NG (%)	96%
T5 (°C)	714
WF (PPH or Kg/hr)	491

COMMENTS
Pre HSI Performance Run

CERTIFICATION STATEMENT	
This engine was tested in accordance with the applicable Engine Maintenance Manual and was found in serviceable condition.	
Signature _____	Date _____
License /Stamp _____	Country _____

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EXPORT CONTROL CLASSIFICATION
ECCN: 9E991