

Volume #: 1

Opened on: 26 AUG 2016

### ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.

2. Type/Model/Series E.T.C. E-12 PT6A-42A B/S: 1322

3. Serial Number PCE- RMO 715

THIS ENGINE SERVICED WITH  
bp TURBO 2380  
OIL AT THE PIPER FACTORY

CYCLE COUNT AS OF DEC 09 2016

NUMBER OF CYCLES 3

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
26 AUG 2016	0.0	N/A	0	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.
10 NOV 2016	0.0	N/A	0	"Applied Procyon corrosion inhibitor to compressor inlet case per Pratt & Whitney Maintenance Manual P/N 3021442 Chapter 72-00-00."

Date: 11-30-16

Aircraft S/N: 4698019 Reg. Number: N4698P

Aircraft Engine Model: PT6A-42A S/N: PCE-RM0715

TTE: 2.7 Cycles: 2

Performed Engine Water Wash per Pratt & Whitney Maintenance Manual Part Number 3021442, Chapter/ Section 71-00-00, Power Plant Cleaning, Engine Washing Instructions.

Signature: [Signature]

Name: Russ Wagner A&P Certificate Number: AP193500760

**Piper** PIPER AIRCRAFT, INC.

Date: 12-9-2016

Aircraft S/N: 4698019 Reg. Number: N4698P

Aircraft Engine Model: PT6A-42A S/N: PCE-RM0715

TTE: 3.6 Cycles: 3

Performed Engine Water Wash per Pratt & Whitney Maintenance Manual Part Number 3021442, Chapter/ Section 71-00-00, Power Plant Cleaning, Engine Washing Instructions.

Signature: [Signature]

Name: Tony Schweitzer A&P Certificate Number: AP3328631

**Piper** PIPER AIRCRAFT, INC.

Signature

AME  
ACA/AMO  
SCA/AMO

NG/NO 35350 RPM, at 850 SHP/δV0

ITT Trim: 17.8 C°

T5 Trim Resistance: 61.2 Ohms

K. PIVIDOR

607

T.C. 4-58  
NO. 062

As P# 3455393

William D Henderson

ENGINE MODEL (#1):  
PT6A-42A  
ENGINE S/N (#1):  
PCE-RM0715  
REG. NO: 4698P  
WORK ORDER:  
9398-05-2017



**Flightline Group, Inc.**  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 5/11/2017  
Airframe TT: 23.6  
ENG TT (#1): 23.6  
ENG TC (#1):  
HOBBS: 42.9

**Engine #1 Entries**

C/W engine compressor desalination wash IAW P&W MM 71-00-00.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 5/11/2017

SIGNED:

*Stephanie Nita*

Work Order: 9398-05-2017

Stephanie Nita, A&P/3236348

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ENGINE MODEL (#1):  
PT6A-42A  
ENGINE S/N (#1):  
PCE-RM0715  
REG. NO: 4698P  
WORK ORDER:  
9398-05-2017



**Flightline Group, Inc.**  
3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 5/25/2017  
Airframe TT:  
ENG TT (#1): 55.6  
ENG TC (#1):  
HOBBS: 55.6

**Engine #1 Entries**

C/W Piper Warrantable First 50 Hour Inspection....C/W P&WC SB 3490 PY Air Pressure Tube Assembly Support Bracket.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 5/25/2017

SIGNED:

*Scott Koenig*

Work Order: 9398-05-2017

Scott Koenig, A&P: 2839208

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Secti

ENGINE MODEL (#1):  
PT6A-42A  
ENGINE S/N (#1):  
PCE-RM0715  
REG. NO. 4698P  
WORK ORDER:  
9642-10-2017



Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 10/25/2017  
Airframe TT: 96.4  
ENG TT (#1): 96.4  
ENG TC (#1):  
HOBBS: 96.4

Engine #1 Entries

Performed Engine compressor & C/T desalination wash Ref. PWC MM 71-00-00.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 10/25/2017

SIGNED:

Scott Koenig, A&P: 2839208

Work Order: 9642-10-2017

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ENGINE MODEL (#1):  
PT6A-42A  
ENGINE S/N (#1):  
PCE-RM0715  
REG. NO. 4698P  
WORK ORDER:  
9525-08-2017



Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 2/15/2018  
Airframe TT: 137.3  
ENG TT (#1): 137.3  
ENG TC (#1):  
HOBBS: 137.3

Engine #1 Entries

C/W Engine Annual Inspection...R & R both engine igniters P/N:CH34055..C/W PWC S.B. No. 3479 by inspection of the Safety cable on the interconnect rod for proper installation so that the ferrule is not interfering with the FCU lever, no defects noted...Removed Hartzell 4-bladed propeller, p/n HC-E4N-3Q s/n HH5231, and spinner and bulkhead assembly and installed a Hartzell 5-bladed propeller p/n 5D3-N338A1/78D01B s/n SF89, with spinner and bulkhead assembly Ref.: Piper SSL 475 and Piper Kit 88596, revised W & B Data...C/W Piper SL1110A Pratt & Whitney Canada SIL NO. PT6A-28A, engine rinse...Clean and treat compressor inlet case with Procyon...Clean and inspect engine fuel pump inlet screen...R & R engine driven fuel pump outlet filter PN: 6235-3A...Inspect and clean engine oil scavenge screen in reduction gear box (RGB)...Cleaned engine, ops and leak checks good.

The aircraft, engine, propeller, or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection, referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian M600 Inspection Guide and was found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 2/15/2018

SIGNED:

Fred Davis, IA: 2832998

Work Order: 9525-08-2017

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ENGINE MODEL:  
PT6A-42A  
ENGINE S/N: PCE-RM0715  
REG. NO: 4698P  
WORK ORDER:  
9857-02-2018



Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 2/15/2018  
Airframe TT: 137.3  
ENG TT: 137.3  
ENG TC:  
HOBBS: 137.3

Engine Entries

"N" # change N4698P to N34RF. All necessary forms submitted for new A/W certificate and new Registration... Transponder up-dated to reflect new "N" number, instrument panel placard up-dated.

The aircraft, engine, propeller or appliance identified above was repaired and inspected referencing current regulations of the FAA and is approved for return to service.

DATE: 2/15/2018

SIGNED:

Fred Davis, A&P: 2832998

Work Order: 9857-02-2018

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Supplemental Log Book Entry  
Engine

Reg: N34RF  
Date: 5/17/18

Model: PT6A-42A  
Tach: 183.7

S/N: PCE-RM0715

Performed Compressor Desalination Rinse Wash IAW P&W PT6-42A Maintenance Manual. Performed Turbine Recovery Rinse IAW P&W PT6-42A Maintenance Manual. Performed Engine Ground Run and Engine operates normally with no leaks at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service with respect to the work performed. -END-

  
Timothy E. Armesy, 328503774, A&P IA

Signature

AME  
ACA/AMO  
SCA/AMO

**Supplemental Log Book Entry  
Engine**

**Reg: N34RF**  
**Date: 7/17/18**

**Model: PT6A-42A**      **S/N: PCE-RM0715**  
**Tach: 200.2**

Performed Compressor Desalination Rinse Wash IAW and Turbine Recovery Rinse IAW P&W PT6-42A Maintenance Manual. Performed Engine Ground Run and Engine operates normally with no leaks at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service with respect to the work performed. **-END-**



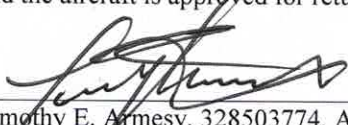
Jeffrey Kamerer 3264637, A&P

**Supplemental Log Book Entry  
Engine**

**Reg: N34RF**  
**Date: 10/23/18**

**Model: PT6A-42A**      **S/N: PCE-RM0715**  
**Tach: 254.6**

Performed Compressor Desalination Rinse Wash IAW and Turbine Recovery Rinse IAW P&W PT6-42A Maintenance Manual. Performed Engine Ground Run and Engine operates normally with no leaks at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service with respect to the work performed. **-END-**



Timothy E. Armesy, 328503774, A&P IA

ENGINE MODEL (#1):  
PT6A-42A  
ENGINE S/N (#1):  
PCE-RM0715  
REG. NO: 34RF  
WORK ORDER:  
10495-01-2019



**Flightline Group, Inc.**

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 2/21/2019  
Airframe TT: 275.8  
ENG TT (#1): 275.8  
ENG TC (#1):  
HOBBS: 275.8

**Engine #1 Entries**

C/W Engine Annual Inspection...Replaced Ng tach generator drive seal PN 3022374 & packing PN as3209-026.Ref. PWC MM 72-60-00....Replaced high pressure fuel pump drive seal PN 3022375 & packing PN AS3209-029. Ref. PWC 72-60-00....Replaced beta block PN CA3026....Replaced bleed air shut off valve PN 592-639 SN 883H....Accomplished engine compressor & C/T desalination wash Ref. PWC MM 71-00-00....Inspected AGB internal scavenge oil pump inlet screen....Inspected & cleaned scavenge oil strainer in RGB....Replaced engine fuel pump outlet filter PN AN6235-3A....Inspected & cleaned engine fuel pump inlet screen....Treated compressor inlet case with LPS-3...Removed fuel manifold adapters for cleaning & functional test by StandardAero WO # 39-00330.Reinstalled fuel manifold adapters with new o rings PN AS3209-009 & gaskets PN MS9371-16 IAW P&W MM 73-10-05. Performed borescope inspection of hot section components IAW P&W MM 72-00-00. No defects found....Cleaned engine. Accomplished engine performance check. Operational and leak checks satisfactory.

The aircraft, engine, propeller, or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection, referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian M600 Inspection Guide and was found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 2/21/2019

SIGNED:



Work Order: 10495-01-2019

Scott Koenig, IA: 2839208

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Section 1: Record of engine maintenance and elementary work

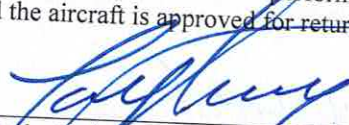
Date: --/--

Supplemental Log Book Entry  
Engine

Reg: N34RF  
Date: 8/6/19

Model: PT6A-42A S/N: PCE-RM0715  
Tach: 365.3

Performed Compressor Desalination Rinse Wash IAW and Turbine Recovery Rinse IAW P&W PT6-42A Maintenance Manual. Performed Engine Ground Run and Engine operates normally with no leaks at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service with respect to the work performed. -END-

  
Timothy E. Armesy, 328503774, A&P IA

ENGINE MODEL (#1):  
PT6A-42A  
ENGINE S/N (#1):  
PCE-RM0715  
REG. NO: 34RF  
WORK ORDER:  
11137-01-2020



Flightline Group, Inc.

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515


DATE: 4/1/2020  
Airframe TT: 428 5  
ENG TT (#1): 428 5  
ENG TC (#1):  
HOBBBS: 428.5

Engine #1 Entries

C/W Engine Annual Inspection... Accomplished engine compressor & C/T desalination wash Ref. MM 71-00-00... Inspected and cleaned engine oil scavenge screen in RGB... Replaced engine fuel pump outlet filter PN AN 6235-3A... Checked engine fuel pump inlet screen for foreign matter or distortion. Cleaned and reinstalled... Treated engine compressor inlet case with LPS-3... Replaced both igniters PN CH34055... C/W P&WC S.B. No. 3501 OIL TO FUEL HEATER - REPLACEMENT/MODIFICATION OF by installing new oil to fuel heater PN 3124177-01 SN WA61045 using new packing's & gaskets Ref. PWC MM 73-10-01... Cleaned engine. Operational and leak checks satisfactory.

The aircraft, engine, propeller, or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection, referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian M600 Inspection Guide and was found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 4/1/2020

SIGNED:   
Scott Koenig, IA: 2839208

Work Order: 11137-01-2020

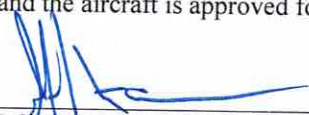
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Supplemental Log Book Entry  
Engine

Reg: N34RF  
Date: 6/29/20

Model: PT6A-42A S/N: PCE-RM0715  
Tach: 432.1

Adjusted Engine Idle to 64% with reference to PW PT6A-42A M.M. section 71-00-00 pages 13-24. Performed Compressor Desalination Rinse Wash IAW and Turbine Recovery Rinse IAW P&W PT6-42A Maintenance Manual. Performed Engine Ground Run and Engine operates normally with no leaks at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service with respect to the work performed. -END-

  
Jeffrey Kamerer 3264637, A&P

ENGINE MODEL (#1):  
PT6A-42A  
ENGINE S/N (#1):  
PCE-RM0715  
REG. NO: 34RF  
WORK ORDER:  
11914-02-2021



**Flightline Group, Inc.**

3256 Capital Circle SW  
Tallahassee, Florida 32310  
Phone: 850-576-3515

DATE: 4/20/2021  
Airframe TT: 462.1  
ENG TT (#1): 462.1  
ENG TC (#1):  
HOBBBS 462.1

AME  
CA/AMO  
CA/AMO

**Engine #1 Entries**

C/W Engine Annual Inspection... Replaced oil tank pressurizing valve cover gasket PN 3039939. Ref. P&WC MM 72-20-00... Accomplished engine compressor & C/T desalination wash Ref. P&WC MM 71-00-00... Inspected and cleaned engine oil scavenge screen in RGB... Replaced engine fuel pump outlet filter PN 572744-28... Checked engine fuel pump inlet screen for foreign matter or distortion. Cleaned and reinstalled... Treated engine compressor inlet case with Corrosion-X. Ref.: P&WC PT6A-42A MM 72-00-00... Cleaned engine. Operational and leak checks satisfactory.

The aircraft, engine, propeller, or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection, referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian, PA-46-600TP / M600, Inspection Guide and was found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 4/20/2021

SIGNED: *Scott Koenig*  
Scott Koenig, IA: 2839208

Work Order: 11914-02-2021

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**SUN AVIATION, INC.**

Date: 04/28/21

Hobbs: 464.3

Vero Beach, FL (VRB)

Engine Log

N34RF

Piper 46-600TP

Aircraft SN: 4698019

Adjusted beta controls per PA46-600TP MM 76-10-00.

**MAINTENANCE RELEASE:** This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO# S004639

Signature: *Ken...* CRS # ECWR470D  
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

**Supplemental Log Book Entry  
Engine**

Reg: N34RF

Date: 10/25/21

Model: PT6A-42A

S/N: PCE-RM0715

Hobbs: 529.9

Performed Compressor Desalination Rinse Wash, Turbine Recovery Rinse and Corrosion Inhibition Procedure with reference to P&W PT6-42A Maintenance Manual. Performed Engine Ground Run and Engine operates normally at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service with respect to the work performed. -END-

*Jose J. Cotto*  
Jose J. Cotto, 3118790 A&P, IA

**Supplemental Log Book Entry  
Engine**

Reg: N34RF

Date: 3/8/22

Model: PT6A-42A

S/N: PCE-RM0715

Hobbs: 551.1

Performed Compressor Desalination Rinse Wash, Turbine Recovery Rinse and Corrosion Inhibition Procedure with reference to P&W PT6-42A Maintenance Manual. Performed Engine Ground Run and Engine operates normally at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service only with respect to the work performed. -END-

*Jose J. Cotto*  
Jose J. Cotto, 3118790 A&P, IA



Engine Log Book Entry  
100 Hour /Annual/ Event 1 and Event 2 Inspection

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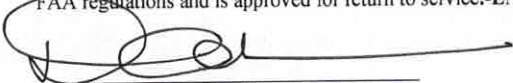
Reg: N34RF  
Date: 05/19/22

Model: PT6A-42A  
Hobbs: 556.3

S/N: PCE-RM0715  
ENGT: 556.3

- Performed Event 1 and Event 2 Engine 100 Hour and Annual Inspection with reference to FAR Part 43, Appendix D. Checked Applicable AD's thru 2022-10.
- Cleaned and Inspected Fuel Pump Inlet Screen with no defects found at this time. Removed and Replaced Fuel Pump Outlet Filter with new, P/N AN6235-3A using new O-Rings, P/N's MS25988/1-916, MS25988/1-928, MS25988/1-212.
- Removed, Cleaned, Inspected and Reinstalled Engine Oil Filter using new O-Rings, P/N's M83248/1-120, M83248/1-224, M83248/1-143 with no defects found at this time.
- Function Checked, Removed, Inspected and Reinstalled Engine RGB Chip Detector using new O-Ring, P/N M83248/1-115 with no defects noted at this time. Function Checked, Removed, Inspected and Reinstalled Engine AGB Chip Detector using new O-Ring, P/N M83248/1-115 with no defects noted at this time.
- Inspected, Cleaned and Reinstalled Engine RGB and AGB Scavenge Pump Screens using new O-Ring, P/N M83248/1-115 with no defects found at this time.
- Removed, Inspected and Reinstalled Engine P3 Filter using new O-Rings, P/N's AS3209-014, AS3209-015, AS3209-126 with no defects noted at this time.
- Removed and Replaced Propeller Beta Ring Carbon Brush Block with new, P/N CA3026.
- Inspected Starter Generator Brushes and found OK for service with more than 75% life. Next Due 856.3
- Removed and Replaced Engine Igniters with new, P/N CH34055. Performed Engine Ground Run and leak check with no oil or fuel leaks noted at this time.

I certify this aircraft engine has been inspected/repared in accordance with an Event 1 and Event 2 Engine 100 Hour and Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service.-END-

  
David A. Johnson, 3638866, A&P IA

Supplemental Log Book Entry  
Engine

Reg: N34RF  
Date: 9/21/22

Model: PT6A-42A  
Tach: 641.2

S/N: PCE-RM0715

Performed Compressor Desalination Rinse Wash IAW and Turbine Recovery Rinse IAW P&W PT6-42A Maintenance Manual. Performed Engine Ground Run and Engine operates normally with no leaks at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service only with respect to the work performed. -END-

  
Jose J. Cotto, 3118790 A&P, IA

Supplemental Log Book Entry  
Engine

Reg: N34RF  
Date: 3/10/23

Model: PT6A-42A  
Tach: 658.6

S/N: PCE-RM0715

Performed Compressor Desalination Rinse Wash IAW and Turbine Recovery Rinse IAW P&W PT6-42A Maintenance Manual. Performed Engine Ground Run with no leaks at this time. This maintenance was performed in accordance with the manufacturer's instructions and procedures and the aircraft is approved for return to service only with respect to the work performed. -END-

  
Jose J. Cotto, 3118790 A&P, IA




**Engine Log Book Entry**  
**100 Hour /Annual/ Event 1 and Event 2 Inspection**



Reg: N34RF  
 Date: 6/6/23

Model: PT6A-42A  
 Hobbs: 668.0      ENGTT: 668.0

S/N: PCE-RM0715  
 Cycles: 267


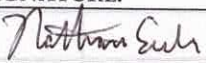
- Performed Event 1 and Event 2 Engine 100 Hour and Annual Inspection with reference to FAR Part 43, Appendix D. Checked Applicable AD's thru 2023-12.
- **AD22-08-13**, Southwest Turbine Inc. Repaired Compressor Turbine Blade Vanes low time fractures, N/A by no repairs by Southwest Turbines, Inc.
- Digital Borescope Inspection performed by Southeast Turbines, Inc. W/O# TS9258.
- Removed and Reinstalled Fuel Nozzles and Fuel Manifold for Clean/ Flow Check performed by Southeast Turbines, Inc. W/O# TS9273 using new O-Rings, P/N's AS3208-04, AS3209-009, MS9058-04 and Gaskets, P/N MS9371-16 and leaked checked with no fuel leaks noted at this time. Next Due 868.0 Hobbs-
- Cleaned and Inspected Fuel Pump Inlet Screen with no defects found at this time. Removed and Replaced Fuel Pump Outlet Filter with new, P/N AN6235-3A using new O-Rings, P/N's MS25988/1-916, MS25988/1-928, MS25988/1-212.
- Removed, Cleaned, Inspected and Reinstalled Engine Oil Filter using new O-Rings, P/N's M83248/1-120, M83248/1-224, M83248/1-143 with no defects found at this time.
- Function Checked, Removed, Inspected and Reinstalled Engine RGB Chip Detector using new O-Ring, P/N M83248/1-115 with no defects noted at this time. Function Checked, Removed, Inspected and Reinstalled Engine AGB Chip Detector using new O-Ring, P/N M83248/1-115 with no defects noted at this time.
- Inspected, Cleaned and Reinstalled Engine RGB and AGB Scavenge Pump Screens using new O-Ring, P/N M83248/1-115 with no defects found at this time.
- Removed, Inspected and Reinstalled Engine P3 Filter using new O-Rings, P/N's AS3209-014, AS3209-015, AS3209-126 with no defects noted at this time.
- Complied with Inspection of Engine Igniters. Removed and Replaced Right Engine Igniter with new, P/N CH34055 using a new Gasket, P/N 3010880.
- Starter Generator Brush Inspection next Due 856.3
- Performed Engine Compressor Desalination Rinse Wash, Turbine Recovery Rinse and Corrosion Inhibition Procedure with reference to P&W PT6-42A Maintenance Manual. Performed Engine Ground Run.
- Advised owner that Fuel Control Control Unit Drive Shaft Bearing Inspection is due and owner deferred at this time.
- Adjusted Ground Idle NG by performing Engine Ground Runs with Air Conditioning, Avionics and all lights on. Idle is now at 65.4% NG. I certify this aircraft engine has been inspected/repared in accordance with an Event 1 and Event 2 Engine 100 Hour and Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service.-END-

  
 Jose J. Cotto, 3118790 A&P, IA

wo: 23-867	Engine - page 1 of 1	
 DC Aviation Maintenance Inc. · 1100 Hill Farm Rd · Bryant, AR 72022 · 8708188044		
<b>N34RF</b> CSN: 287.0	<b>P&amp;W CANADA, PT6A-42A, S/N: PCE-RM0715</b> SINCE NEW (CSN): 287.0      HOBBS: 719.4	<b>September 21, 2023</b> TTSN: 719.4
1. Removed FCU P/N 4138014-2, S/N C82454 for overhaul IAW PT6A-42A MM CH 73-20-00. 2. Removed engine P/N PT6A-42A, S/N PCE-RM0715 for overtemp and hot section inspection. Ref. Deviation letter: DAA2023-1094-PT6A-42A-RM0715. IAW PT6A-42A MM CH 72-00-00 and PA46-600TP MM CH 71-00-00.		
Details of work performed are on file with DC Aviation Maintenance under work order: 23-867.		
Bailey Stratton AP 3229108 		



# Section 1: Record of engine maintenance and elementary work

 <b>StandardAero</b> 600 E. Dallas Road, Suite 400, Grapevine, TX 76051		Date: _____ Time since overhaul: _____ Total cycles: _____	<b>StandardAero</b> CRS# U8TR793Y; EASA# 145.5299	Details of task: _____				
Manufacturer:	Pratt & Whitney Canada	Model No:	PT6A-42A	Work Order:	43-01715			
Description:	Engine Assembly, Complete	Serial No:	PCE-RM0715	Order/ Task:	1752/1			
TSN:	719.4	CSN:	287	TSO:	N/A			
				CSO:	N/A			
LCF PARTS ACCESSED THIS VISIT								
Part Description	P/N Removed	S/N Removed	TSN	CSN	P/N Installed	S/N Installed	TSN	CSN
CT Disk	3049291-01	CRAZAES1241	719.4	287	3049291-01	CRAZAES1241	719.4	287
1st Stage Power Turbine Disk	3029312	A003WF3H	719.4	287	3029312	A003WF3H	719.4	287
2nd Stage Power Turbine Disk	3029313	YUAB001G070	719.4	287	3029313	YUAB001G070	719.4	287
Details of work performed: Disassembled, cleaned, inspected and repaired engine for Overtemp and HSI. Functionally tested fuel manifold assemblies. Preserved engine for longterm storage. All work accomplished in accordance with the Pratt & Whitney Canada PT6A-42A Maintenance Manual 3021442, Revision 67.0, Dated August 21, 2023 and Overhaul Manual 3021443, Revision 55.0, Dated June 26, 2023.								
Note: Installer must depreserve engine, perform documented satisfactory engine performance run, and leak check before returning engine back to service.								
Log book attachments include: Detailed Inspection Record, Detailed Work Instruction and Authorized Release Certificate.								
Pertinent details of this repair are on file at this repair station under work order: 43-01715.								
The aircraft, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service with respect to the work performed.								
AUTHORIZED BY (PRINT):			SIGNATURE:			DATE:		
Nathaniel Sedore						21-Dec-23		

TX003R1

wo: 23-867	 DC AVIATION MAINTENANCE	Engine - page 1 of 1
DC Aviation Maintenance Inc. · 1100 Hill Farm Rd · Bryant, AR 72022 · 8708188044		
<b>N34RF</b> CSN: 287.0	<b>P&amp;W CANADA, PT6A-42A, S/N: PCE-RM0715</b> SINCE NEW (CSN): 287.0 HOBBS: 719.4	<b>February 01, 2024</b> TTSN: 719.4
1. Overhauled FCU P/N 4138014-2, S/N C82454 installed by Standard Aero during repair of engine. 2. Performed engine depreservation, installation, performance run and leak checks IAW PA46-600TP MM Ch 71-00-00 and PT6-42A MM ch 72-00-00. Ref. P&WC Deviation Letter no. DAA2023-1094-PT6A-42A-RM0715 Installed (14) P/N BP2380 - Turbine Oil, Installed P/N 3025538 - Gasket, Installed P/N M83461/1-113 - O-ring, Installed P/N 54026-000 - Gasket, Breather Tube, Reinstalled P/N PT6-42A - Engine Assembly (REPAIRED) S/N: PCE-RM0715.		
With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with DC Aviation Maintenance Inc. under work order: 23-867.		
Bailey Stratton AP 3229108 		