

Numéro - Number

PCE-14007

Marque - Make

Pratt and Whitney

Type

PT6A-15AG

Construit par

Maker

PRATT WHITNEY

le

the

1979

Documents présentés :

Records submitted

Rappel des heures de fonctionnement

Record or running time

Depuis fabrication

Since manufacture

Depuis révision

Since overhaul

Livret établi à

Log Book established at

le

the

(Place and date)

Autorité Aérienne (Signature et cachet)

Signature and stamp of Issuing Authority, Cameroon Civil Aviation Authority

TYPE ET N° (AÉRONEF) - TYPE AND SERIAL NUMBER OF AIRCRAFT:

39

Dates Date	Détail travaux d'entretien - Dégroupages - Révisions partielles ou générales - Modifications - Stockage moteur et accessoires Particulars of maintenance, Top or complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets - Signature - Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
05/10/15	Le incendie cockpit HT 10,999² - Batterie de bord débranchée - Alimentation fuel moteur coupée.	

N #:	N/A	Date:	7/24/2018	HM:	N/A
Make:	P&W	Model:	PT6A-15AG	S/N:	PCE-14007
ENGTT:	10999.8	TSOH:	N/A	EN CYC:	N/A



This is a permanent part of the **Engine** Records

Complied with the following inspections, maintenance and/or repairs.

Post Purchase Inspection (Verify Condition of Engine) and repair as necessary.

Periodic (100 Hour Inspection)

- 1 Inspected Hot Section and found to be in Serviceable Condition.
- 2 Cleaned and Flow Checked Fuel Nozzles.
- 3 C/W AD 2014-11-05 by Installation of P/N: 3109595-01 S/N: 3895 Containment Ring OH: by Turbines Inc. on WO: T6153
- 4 Replaced Bus Bar with P/N: 3027528 S/N: 1113, OH: by Harco LLC, on RO138279.
- 5 Replaced 2 ea. Thermocouple Probes with P/N: 3022983, OH: by Sernco Instruments Inc. on WO: 219646.
- 6 Replaced Compressor Bleed Valve Diaphragm with New P/N: 3103347-01.
- 7 Safetied Engine and prepared for return to Customer.

Don Morrison A&P

2015
au cockpit
non détecté.

n Prises en compte
dernier light
fait le 10-05-2010
HT: 9049.3 jus-
1-03-2011 HT: 9389.6

Start

Dates Date	Fonctionnement - Time run						Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories	
	Partiel / Partial		Total depuis neuf Total since new		Depuis R.G. Since last Q/HSI			
	H	Cycles*	H	Cycles*	H	Cycles*		
Report	2-30-20						Installed Engine Pce 14007 PK6A-15A6	
Brought forward	Hobbs: 13,297.0						on A/C N 8429K. using procedure from	
Engine TT	10,999.8						Schweizer and PLW MANUALS. Serviced with	
Light O/H	1950.5 hrs						EXION 2380 turbo oil 13 qts. Engine	
							WAS given test run on ground set parameters	
							NO LEAKS. See time sheet per cycles	
Time.	100hr completed -						[REDACTED] A.D.P.	
	(Installed)							
Note:	FCU PN 3214786-7		SA/C2227		Removed		SA 159836	
	Start flow PN 25224-2		SA 11476		PN 2524440-2-6			
4-20-20	13,411.1 Hobbs.						Removed fuel filter on Firewall,	
	(100hr)						cleaned and ReInstalled. Removed	
	chip plug ck OK						ck beta block and plunger, Fuel	
	Linkage OK						ck MAIN OIL screen	
	OK						Removed primary screen on fuel pump cleaned.	
	Installed new paper filter on Secondary.						Set cleaned	
	Air filter AND Washed Engine interior.						test run	
	OK.						[REDACTED] A.D.P.	
A reporter								
Carried forward								

Registration:

TYPE ET N° (AÉRONEF) - TYPE AND SERIAL NUMBER OF AIRCRAFT:

40

Observations
du moteur et accessoires

ons on the running of
e and Accessories

007 PT6A-159A

Procedure 1510 m

15. Serviced with

13 qts. Engine

and set parameters

1 per cycles

ADP.

236

-6

on ON Firewall

1. Removed

finger, Fuel

oil screen

o cleaned

set cleaned

test Run

ADP.

Dates

Date

Détail travaux d'entretien - Dégroupages - Révisions partielles
ou générales - Modifications - Stockage moteur et accessoires

Particulars of maintenance, Top or complete Overhauls, Repairs, Replacements,
Modifications, including records of periods when engine
and accessories are inhibited

Cachets - Signature - Réparateur
Organisme de contrôle

Commercial Stamp and Signature of
Overhauler and Controlling Authority

5-28-20

100 hr

Hobbs: 13,549.8 Removed fuel bowl on Firewall

cleaned screens, cleaned bowl, ck chip, ck

beta & block. plunger. Installed O/H prop

Governer part 8210-002-01 SN 11902730

Set Linage, and Rigging test Run OK.

Remove MAIN oil screen. ck for metal

Removed fuel pump and filter and replaced

with new paper filter. ck Reg linkage
OK.

7-7-20

Hobbs: 13,670.0 300hr completed. cleaned fuel bowl on

Firewall. ck chip, ck beta, greased linkage fuel

and Reg, pulled main oil screen ck OK. Removed

High pressure fuel pump filter and replaced with new

paper filter. cleaned primary screen on pump.

(Nozzles)

ADP

* Cycles : voir définition Constructeur - Cycles: see manufacturer definition

lé - Registration:

Observations
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ations on the running of
ngine and Accessories

11 screen

ledge

on and ch
high pressure
primary
in filter

Map

TYPE ET N° (AÉRONEF) - TYPE AND SERIAL NUMBER OF AIRCRAFT:

41

Dates	Détail travaux d'entretien - Dégroupages - Révisions partielles ou générales - Modifications - Stockage moteur et accessoires Particulars of maintenance, Top or complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets - Signature - Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
End Date 13/11/2018 (Nozzle) 10-18-21 Hobbs: 13,930.1 11-18-21 14,632.9	100hr Removed Fuel bowl ON FITWAY Removed washers AND CLEANED CLEANED bowl. ch beta valve & linkages INSTALLED new beta block, ch chip on Fwd Linkage. Remove MAIN OIL screen ch (OK) Removed Fuel bowl ON High pressure pump cleaned primary screen. Replaced and paper Filter 6035-3A performed compressor wash. AND cleaned P-3, Installed New Igniter plugs CH34055 2 each. Service BATT. test Run etc.	[Redacted Signature]
3-2-22 Hobbs: 13,893 13,893	Remove FCO PN 324426-7 SN C22275, AND Installed FCO PN 2524440-1-6 SN A 74643 Rigged & Fuel pulsed. test Run OK.	[Redacted Signature]

* Cycles : voir définition Constructeur - Cycles: see manufacturer definition

- Registration:

Observations
nement du moteur et accessoires

ions on the running of
re and Accessories

1-002-01

op Governor
Pigged and

TYPE ET N° (AÉRONEF) - TYPE AND SERIAL NUMBER OF AIRCRAFT:

42

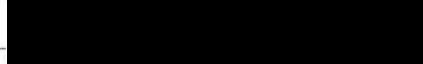
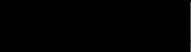
Dates Date	Détail travaux d'entretien - Dégroupages - Révisions partielles ou générales - Modifications - Stockage moteur et accessoires Particulars of maintenance, Top or complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets - Signature - Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
5-20-2022	Hobbs 14142.5 Removed Engine Cowling; Performed Compressor Wash; Removed (2) Igniter(s) (P/N CH34055) and installed new (2) igniter(s) (P/N CH34055).	

DATE: 5-20-2022

HOBBS: 14142.5

REMOVED FUEL BOWL ON FIREWALL, CLEANED SCREENS & BOWL, INSTALLED
SCREENS & BOWL ON FIREWALL; CHECKED CHIP (O.K.); CHECKED BETA BLOCK, ARM,
& PLUNGER (O.K.); CHECKED FORWARD & REAR LINKAGE (O.K.); REMOVED,
INSPECTED, CLEANED, INSTALLED PRIMARY SCREEN, REMOVED PAPER FILTER
CARTRIDGE & INSTALLED NEW PAPER FILTER CARTRIDGE ON HIGH PRESSURE FUEL
PUMP; REMOVED, INSPECTED, INSTALLED MAIN OIL SCREEN; CLEANED AIR FILTER;
REMOVED FUEL NOZZLES & FLOW DIVIDER, CLEANED, INSPECTED, & FLOW TESTED
FUEL TUBES; REPLACED ALL O-RINGS; INSTALLED O/H NOZZLES & FLOW DIVIDER;
LEAK TEST COMPLETE & SATISFACTORY. I CERTIFY THAT THIS ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO
BE IN AIRWORTHY CONDITION.

TYLER POTIER
A&P

Dates Date	Fonctionnement - Time run						Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories
	Partiel / Partial		Total depuis neuf Total since new		Depuis R.G. Since last Q/HSI		
	H	Cycles*	H	Cycles*	H	Cycles*	
Date: 6-17-2022							T.T.I.S: Hobbs: 4244.8
I certify that this engine has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition.  TYLER ROBERT POTTER A&P No. 							
9-16-2022							Hobbs: 4333.5 Cleaned firewall filter, checked primary fuel screen, ok, removed and installed new secondary fuel filter element (paper filter), checked chip detector, ok; checked main oil screen element, bad, installed new main oil screen element (PN 1761864).  /AJP 
A reporter Carried forward							

* Cycles : voir définition Constructeur - Cycles: see manufacturer definition

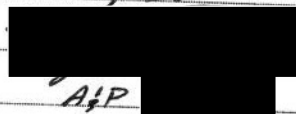
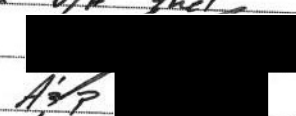
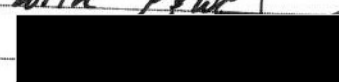
é - Registration:

Observations
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gine and Accessories

checked primary
l installed new
(paper filter),
checked main
talled new
is 1761864).

TYPE ET N° (AÉRONEF) - TYPE AND SERIAL NUMBER OF AIRCRAFT:

Dates Date	Détail travaux d'entretien - Dégroupages - Révisions partielles ou générales - Modifications - Stockage moteur et accessoires Particulars of maintenance, Top or complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	C C On
1-2-2023 Hobbs 14392.2	Removed Engine (PT6A-15AG S/N PCE 14007) from A/C G-164B (N 8429K); Removed Power Section (sent to Airborne Turbines for Gear Box Insp); H.S.I. complete; satisfactory; checked main oil screen element; removed & installed new secondary fuel filter (paper element).	 A/P
1-3-2023 Hobbs 14392.2	Removed Fuel Manifold Nozzles; cleaned flow tubes; replaced "O" rings; installed O/H Fuel Manifold Nozzles (7N700).	 A/P
1-13-2023 Hobbs 12226.6 ETN: 12095 Light off 3045.7	Installed engine (PT6A-15AG) (S/N PCE 14007) to A/C G-164B (N 75099). Installed Power Section; Rigged Engine Controls & Trimmed; All work done in accordance with Power Maintenance Manuals.	 AP

N #:	DATE: 1/15/2023	HM:
Make: P&W	Model: PT6A-15AG	S/N: PCE-14007
HTR HM:	This is a permanent part of the Engine Records	
Received Power Section Module, inspect for metal contamination.		
Replaced: Gear p/n 3012285, Snap Rings (2) AS3217-174, (2) AS3217-188		
Insulation Blanket p/n 3011755		
Assembled module and returned to customer. All work done in accordance with P&W manual		
Surry Tobin		
A&F		

Airborne Flying Service - Hot Springs, AR

N #:		DATE:	1/15/2023	HM:		Tach:	
Make:	P&W	Model:	PT6A-15AG	S/N:	PCE-14007		
HTR HM:							

This is a permanent part of the **Engine** Records

Received Power Section Module, inspect for metal contamination.

Replaced: Gear p/n3012285, Snap Rings (2) AS3217-174, (2) AS3217-188

Insulation Blanket p/n 3011755

Assembled module and returned to customer. All work done in accordance with P&W manual.

Surry Tobin

A&P

REPAIRS OF AIRCRAFT:

révisions partielles
de l'air et accessoires

5, Repairs, Replacements,
when engine

S/N PCE 14007

Removed Power

for Gear Box In

checked main

installed new

betmen + J.

A&P

cleaned flow

o/w fuel

1 PCE 14007

stalled Power

is trained,

MOTEUR SUR AÉRONEF - ENGINE INSTALLED IN AIRCRAFT

Immatriculé - Registration:

Dates Date	Fonctionnement - Time run						Observations sur le fonctionnement du moteur et accessoires Observations on the running of Engine and Accessories	
	Partiel / Partial		Total depuis neuf Total since new		Depuis R.G. Since last Q/HSI			
	H	Cycles*	H	Cycles*	H	Cycles*		
Report Brought forward								
2-6-2023 Hobbs 12226.6 ETTN: 12095.0							Removed Prop. Gov (P/N 8210-002-01 S/N 1190-2330); Installed OH Prop Gov (P/N 8210-002-01 S/N 11407246); Rigged & Trimmed; leak test O.K., Run up on ground complete & satisfactory. All work done in accordance with P/WC maintenance manual. A3P [redacted]	
¹⁵ 4- 28 -2023 Hobbs 12316.6 ETTN 12185.0							Checked chip detector (O.K.); checked oil screen element (O.K.); Replaced secondary paper fuel filter element; checked primary fuel screen (O.K.); cleaned firewall fuel water filter; Replaced "O" Rings on all parts removed & inspected. A3P [redacted]	
A reporter Carried forward								

* Cycles : voir définition Constructeur - Cycles: see manufacturer definition

Dates Date	Détail travaux d'entretien - Dégroupages - Révisions partielles ou générales - Modifications - Stockage moteur et accessoires Particulars of maintenance, Top or complete Overhauls, Repairs, Replacements, Modifications, including records of periods when engine and accessories are inhibited	Cachets - Signature - Réparateur Organisme de contrôle Commercial Stamp and Signature of Overhauler and Controlling Authority
5-3-2023	Removed Power section for inspection	
Hobbs 2374.3	due to prop strike	
5-9-2023		
Hobbs 12374.3	Installed Power Section from PT6A-27 (PCE 41336); Installed	
	O/H Prop Governor (P/N 8210-002-01 S/N 11902330); Installed O/H	
	Overspeed Governor (P/N A210507 S/N 2174603); Rigged & Trimmed	
	All work done in accordance with P&WC manuals; Ground run	
	OK; Leak test O.K.	

Date: 5-27-2023

Hobbs: 2419.3

REMOVED FUEL BOWL ON FIREWALL, CLEANED SCREENS & BOWL, INSTALLED SCREENS & BOWL ON FIREWALL; CHECKED CHIP (O.K.); CHECKED BETA BLOCK, ARM, & PLUNGER (O.K.); CHECKED FORWARD & REAR LINKAGE (O.K.); REMOVED, INSPECTED, CLEANED, INSTALLED PRIMARY SCREEN, REMOVED PAPER FILTER CARTRIDGE & INSTALLED NEW PAPER FILTER CARTRIDGE ON HIGH PRESSURE FUEL PUMP; REMOVED, INSPECTED, INSTALLED MAIN OIL SCREEN; CLEANED AIR FILTER; LEAK TEST COMPLETE & SATISFACTORY.

Date: 6-14-2023

Hobbs: 2522.3

REMOVED FUEL BOWL ON FIREWALL, CLEANED SCREENS & BOWL, INSTALLED SCREENS & BOWL ON FIREWALL; CHECKED CHIP (O.K.); CHECKED BETA BLOCK, ARM, & PLUNGER (O.K.); CHECKED FORWARD & REAR LINKAGE (O.K.); REMOVED, INSPECTED, CLEANED, INSTALLED PRIMARY SCREEN, REMOVED PAPER FILTER CARTRIDGE & INSTALLED NEW PAPER FILTER CARTRIDGE ON HIGH PRESSURE FUEL PUMP; REMOVED, INSPECTED, INSTALLED MAIN OIL SCREEN; CLEANED AIR FILTER; REMOVED FUEL NOZZLES & FLOW DIVIDER, CLEANED & INSPECTED FUEL TUBES; REPLACED ALL O-RINGS; INSTALLED O/H NOZZLES & FLOW DIVIDER; LEAK TEST COMPLETE & SATISFACTORY.

TYLER POTIER
A&P

TYPE



N#:		HM:		TACH:		WO#	T2103-006
MAKE:	P&W	MODEL:	PT6A-27			DATE:	5/9/2023
ACTT:		S/N:	PCE-41336				

This entry is a permanent part of the **Engine** Records

This entry is a permanent part of the Engine Records		Printed Name and Certificate #	Signature
1	Received Engine off wing for possible metal contamination		
	Replaced High Speed Sungear p/n 3024765 s/n 22A511, Set B715		
	High Speed Gearset p/n 3101532-01, 3024471 s/n 21A642, 21A628, 21A577.		
	High Speed Ring Gear p/n 3031266 s/n 9E268		
	Spline Adapter p/n 3023252		
	T5 Harness p/n 3117924-01	Surry Tobin	
	#3 Bearing Cover 3104278-01	A&P [Redacted]	[Handwritten Signature]
	All work done in accordance with P&W manuals .		
	Engine assembled and saftied for return to customer		
In reference to the work performed listed above, this Engine was determined to be in airworthy condition at this time.			

Hobbs: 2419.3

REMOVED FUEL BOWL ON FIREWALL, CLEANED SCREENS & BOWL, INSTALLED SCREENS & BOWL ON FIREWALL; CHECKED CHIP (O.K.); CHECKED BETA BLOCK, ARM, & PLUNGER (O.K.); CHECKED FORWARD & REAR LINKAGE (O.K.); REMOVED, INSPECTED, CLEANED, INSTALLED PRIMARY SCREEN, REMOVED PAPER FILTER CARTRIDGE & INSTALLED NEW PAPER FILTER CARTRIDGE ON HIGH PRESSURE FUEL PUMP; REMOVED, INSPECTED, INSTALLED MAIN OIL SCREEN; CLEANED AIR FILTER; LEAK TEST OK.

REMOVED FUEL BOWL ON FIREWALL, CLEANED SCREENS & BOWL, INSTALLED SCREENS & BOWL ON FIREWALL; CHECKED CHIP (O.K.); CHECKED BETA BLOCK, ARM, & PLUNGER (O.K.); CHECKED FORWARD & REAR LINKAGE (O.K.); REMOVED, INSPECTED, CLEANED, INSTALLED PRIMARY SCREEN, REMOVED PAPER FILTER CARTRIDGE & INSTALLED NEW PAPER FILTER CARTRIDGE ON HIGH PRESSURE FUEL PUMP; REMOVED, INSPECTED, INSTALLED MAIN OIL SCREEN; CLEANED AIR FILTER; REMOVED FUEL NOZZLES & FLOW DIVIDER, CLEANED & INSPECTED FUEL TUBES; REPLACED ALL O-RINGS; INSTALLED O/H NOZZLES & FLOW DIVIDER; LEAK TEST COMPLETE & SATISFACTORY.

MOTEUR SUR AÉRONEF - ENGINE INSTALLED IN

Date: 7-30-2023Hobbs: 2625.1TTSN: 12,493.5

REMOVED FUEL BOWL ON FIREWALL, CLEANED SCREENS & BOWL, INSTALLED SCREENS & BOWL ON FIREWALL; CHECKED CHIP (O.K.); CHECKED BETA BLOCK, ARM, & PLUNGER (O.K.); CHECKED FORWARD & REAR LINKAGE (O.K.); REMOVED, INSPECTED, CLEANED, REINSTALLED PRIMARY FUEL SCREEN, REMOVED PAPER FUEL FILTER CARTRIDGE & INSTALLED NEW PAPER FUEL FILTER CARTRIDGE ON HIGH PRESSURE FUEL PUMP; REMOVED, INSPECTED, REINSTALLED MAIN OIL SCREEN; CLEANED AIR FILTER; LEAK TEST COMPLETE & SATISFACTORY.

TYLER POTIER
A&P

Date: 10-4-2023Hobbs: 2714.3TTSN: 12,582.7

REMOVED FUEL BOWL ON FIREWALL, CLEANED SCREENS & BOWL, INSTALLED SCREENS & BOWL ON FIREWALL; CHECKED CHIP (O.K.); CHECKED BETA BLOCK, ARM, & PLUNGER (O.K.); CHECKED FORWARD & REAR LINKAGE (O.K.); REMOVED, INSPECTED, CLEANED, INSTALLED PRIMARY SCREEN, REMOVED PAPER FILTER CARTRIDGE & INSTALLED NEW PAPER FILTER CARTRIDGE ON HIGH PRESSURE FUEL PUMP; REMOVED, INSPECTED, INSTALLED MAIN OIL SCREEN; CLEANED AIR FILTER; LEAK TEST COMPLETE & SATISFACTORY.

TYLER POTIER
A&P

Date: 2-19-2024 Tach: 2771.1 TTSN: 12,629.5

REMOVED FUEL BOWL ON FIREWALL, CLEANED SCREENS & BOWL, INSTALLED SCREENS & BOWL ON FIREWALL; CHECKED CHIP (O.K.); CHECKED BETA BLOCK, ARM, & PLUNGER (O.K.); CHECKED FORWARD & REAR LINKAGE (O.K.); REMOVED, INSPECTED, CLEANED, INSTALLED PRIMARY SCREEN, REMOVED PAPER FILTER CARTRIDGE & INSTALLED NEW PAPER FILTER CARTRIDGE ON HIGH PRESSURE FUEL PUMP; REMOVED, INSPECTED, INSTALLED MAIN OIL SCREEN; CLEANED AIR FILTER; LEAK TEST COMPLETE & SATISFACTORY, ALL WORK WAS DONE IN ACCORDANCE WITH PRATT & WHITNEY CANADA MAINTENANCE MANUAL.

TYLER POTIER
A&P

