Volume #: ________

Opened on: 12 OCT 2016

ENGINE DETAILS

- 1. Manufacturer _____ Pratt & Whitney Canada Corp.
- 2. Type/Model/Series ___ E.T.C. E-__22 __ PT6A-_67P __ B/S:__1361
- 3. Serial Number PCE- Ryo 743

Section 1: Record of engine maintenance and elementary work

Date //	Time since new	Time since overhaul	Total cycles	Details of task
1 2 OCT 2016	0.0	NIA	0	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.
2 1 MAR 2017	0.6	N/A	0	NEW ENGINE PT6A-67P S/N PCE-RY0743 INSTALLED IN PILATUS PC-12/47E AIRCRAFT WITH MSN 1698

	Signature	AME ACA/AM SCA/AM
This Gas Generator module is combined with Power Section. S/N: PS- RY0 743		
NG/ $\sqrt{9}$ $\frac{35600}{8}$ RPM, at $\frac{1200}{8}$ SHP $\sqrt{8}$		
ITT Trim: 23.2 C°		
T5 Trim resistance: 48.7 Ohms	(or) (1)	T.C. 4-5 NO . Or
GROUND RUN COMPLETED		ATUS =
SATISFACTORILY.		RCRAFT LTD
ENGINE OIL USED: Eastmann Turbo Oil 2380	K. Gubser	PROD. ORGANISA CH.21G.0002
	1. Hubres	(PIL)
Gas Generator N698NG Model: PT6A-67P	Hobbs Time: 1 Total Time: 1 Cycles: 7 Work Order: \$	106.3 7
S/N: PCE-RY0743		
S/N: PCE-RY0743 Date: 14 March 2018 Complied with an Annual Inspection using Pilatus PC-12/47E AMM 05-20-20 Annual Inspection for inspection requirements of FAR 43 Appendix D. Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM EMM 71-00-00. Complied with 500 hour/12 month torque limiter test and performance test and adjusted to limits pe Complied with 200 hour inspection and cleaning of P3 air filter in accordance with P&WC PT6A-67I Complied with 400 hour ignition exciter, cable & igniter inspection & operational check per P&WC P Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in acceptance with 150hr chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00. Complied with 150h our oil filter cleaning and inspection in accordance with P&WC PT6A-67B/P EM Took engine oil and filter patch samples and sent them out for analysis. Accomplished all required operational and functional checks with satisfactory results. Ground performance in the patch is a part of the patch samples and sent them out for analysis.	M 71-00-00 and P&WC PT6A-67B/ r Pilatus PC-12/47E AMM 71-00-0 B/P EMM 73-10-07. rT6A-67B/P EMM 74-10-00 & 74-2 ordance with Pilatus PC-12/47E A MM 79-20-00. rmance run good, no leaks noted.	20-00. MM
S/N: PCE-RY0743 Date: 14 March 2018 Complied with an Annual Inspection using Pilatus PC-12/47E AMM 05-20-20 Annual Inspection for inspection requirements of FAR 43 Appendix D. Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM EMM 71-00-00. Complied with 500 hour/12 month torque limiter test and performance test and adjusted to limits pe Complied with 200 hour inspection and cleaning of P3 air filter in accordance with P&WC PT6A-67I Complied with 400 hour ignition exciter, cable & igniter inspection & operational check per P&WC P Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in accordance with 150hr chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00. Complied with 150 hour oil filter cleaning and inspection in accordance with P&WC PT6A-67B/P EMT00 engine oil and filter patch samples and sent them out for analysis.	If 71-00-00 and P&WC PT6A-67B/ If Pilatus PC-12/47E AMM 71-00-0 B/P EMM 73-10-07. IT6A-67B/P EMM 74-10-00 & 74-2 ordance with Pilatus PC-12/47E A IMM 79-20-00. Immance run good, no leaks noted. Initiation of the pilatus part o	20-00. MM
S/N: PCE-RY0743 Date: 14 March 2018 Complied with an Annual Inspection using Pilatus PC-12/47E AMM 05-20-20 Annual Inspection for inspection requirements of FAR 43 Appendix D. Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM EMM 71-00-00. Complied with 500 hour/12 month torque limiter test and performance test and adjusted to limits pe Complied with 200 hour inspection and cleaning of P3 air filter in accordance with P&WC PT6A-67I Complied with 400 hour ignition exciter, cable & igniter inspection & operational check per P&WC P Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in accr 79-30-01 and P&WC PT6A-67B/P EMM 72-00-00. Complied with 150hr chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00. Complied with 150 hour oil filter cleaning and inspection in accordance with P&WC PT6A-67B/P EMTOK engine oil and filter patch samples and sent them out for analysis. Accomplished all required operational and functional checks with satisfactory results. Ground performance test and adjusted to limits performence with patch samples and sent them out for analysis. I certify that this Engine has been inspected in accordance with an Annual inspection and is determined the patch are on file fighter the above work order.	If 71-00-00 and P&WC PT6A-67B/ If Pilatus PC-12/47E AMM 71-00-0 B/P EMM 73-10-07. IT6A-67B/P EMM 74-10-00 & 74-2 ordance with Pilatus PC-12/47E A IMM 79-20-00. Immance run good, no leaks noted. Initiation of the pilatus part o	20-00. MM

Section 1: Record of engine maintenance and elementary work

Model: PT6	Gas Generator				
Model: PT6 S/N: PCI					
	E-RY0743		KCAC		bbs Time 254.5 otal Time 204.6 Cycles 244 ork Order: S-18-00244
inspection requered engement of the complied with Complied with Complied with P&WC PT6A-6 Complied with Took engine oi Adjusted torque Adjusted groun Accomplished	uirements of FAR 43 A ine compressor perfoid. 200 hour inspection a 400 hour ignition excit 600 hour/12 month re 57B/P EMM 72-00-00. 150hr chip detector oc 150 hour oil filter clea il and filter patch sample limiter to within limits reverse Np to within lind idle and flight idle Rall required operational	ppendix D. mance recovery and to cleaning of P3 air fiver, cable & igniter inspection gearbox chip duction gearbox chip duction gearbox chip duction in gear and inspection in incles and sent them out is in accordance with Pinits in accordance with Pinits in accordance with PM to within limits in all and functional check	ter in accordance with Pection & operational che etectors inspections in a C PT6A-67B/P EMM 72-faccordance with P&WC for analysis. Latus PC-12/47E AMM 7 Pilatus PC-12/47E AMM 7 Pilatus PC-12/47E AMM 7 s with satisfactory result	PT6A-67BiP EMM 79-20-00. 1-00-00 171-00-00 PC-12/47E AMM 71-00-00. S. Ground performance run good, no	-10-00 & 74-20-00. AMM 79-30-01 and
I certify that thi Pertinent detail	is Engine has beening	above work order.		on and is determined to be in an air. 30 FAA Repair Station #AMYR1.	
l original			1		
inspection require Performed engine EMM 71-00-00. Complied with 40 Complied with 40 Rocky Mountain Complied with 40 Complied with 15 Took engine oil a Installed 2 ea. ne Adjusted ground Adjusted torque in Accomplished all	A-67P RY0743 Itober 2018 100 hour Inspection usements of FAR 43 Apple compressor perform hour hour borescope insplay hour inspection and hour fuel nozzles ar Turbine Services CRS hour oil filter cleaning filter patch sample wigniters PN CH3405 idle and flight idle RPI imiter in accordance we required operational a	pendix D ance recovery and turb pection of engine hot s cleaning of P3 air filte and manifold flow check # 186R708C on work , cable & igniter inspec ag and inspection in acc s and sent them out for to within limits in acc with Pilatus PC-12/47E and functional checks we exted in accordance with	ection components in accept in accordance with P&V replaced fuel nozzles worder# R003390. Work pitton & operational check cordance with P&WC PT analysis Pilatus PC-12/47E AMM ordance Pilatus PC-12/4 AMM 71-00-00 with satisfactory results.	wor spection form as a guide to comply -12/47E AMM 71-00-00 and P&WC cordance with P&WC PT6A-67B/P E VC PT6A-67B/P EMM 73-10-07. ith inspected and functionally tested erformed per P&WC PT6A-67B/P E per P&WC PT6A-67B/P EMM 74-1 6A-67B/P EMM 79-20-00.	PT6A-67B/P EMM 72-00-00. Inozzles by EMM 73-11-05. 0-00 & 74-20-00.
Signed	-1021	Olathe KS	66062 (913) 782-0530	FAA Repair Station #AMYR1710	

Gas Generator

N698NG PT6A-67P Model: S/N: PCE-RY0743 Date: 18 February 2019



Hobbs Time: 432.8 Total Time: 432.8 Cycles: 529 Work Order: S-19-00041

Complied with AAIP Annual inspection in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. Complied with 300 hour engine minor periodic inspections using P&WC PT6A-67B/P EMM 72-00-00, table 601.

Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM 71-00-00 and P&WC PT6A-67B/P FMM 71-00-00

Complied with 600 hour inspection of the fuel pump inlet screen per P&WC PT6A-67B/P EMM 73-10-02.

Complied with 300 hour inspection and cleaning of P3 air filter in accordance with P&WC PT6A-67B/P EMM 73-10-07

Complied with 600 hour replacement of the fuel pump outlet filter. Installed new filter P/N 572744 per P&WC PT6A-67B/P EMM 73-10-02.

Complied with 300 hour chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00.

Complied with 300 hour oil filter cleaning and inspection in accordance with P&WC PT6A-67B/P EMM 79-20-00.

Took engine oil and filter patch samples and sent them out for analysis, results normal.

Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in accordance with Pilatus PC-12/47E AMM 79-30-01 and P&WC PT6A-67B/P EMM 72-00-00.

Removed and replaced with new, RH igniter cable PN CH53399-02 per P&WC PT6A-67B/P EMM 74-20-00.

Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. and was determined to be in an Airworthy condition.

Signed

Olathe KS 66062

(913) 782-0530 FAA Repair Station #AMYR171C

Gas. Generator

Model: 149146 SIN: PCE 5-37P Date: 25 June 1:0743

2019

Hobbs Time: 569.3 Total Time: 569.3 679 Cycles: Work Order: S-19-00227

Adjusted flight

The Engi-

indicional idle rpm per Pilatus PC-12/47E AMM 71-00-00. Accompli

required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

he industrified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is appr wed for return to service. Pertinent details are on file under the above work order

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Gas Generator

N698NG

PT6A-67P Model: S/N: PCE-RY0743

Date: 12 February 2020

Hobbs Time: 738.5 **Total Time:** 738.5 Cycles: 877 Work Order: S-20-00028

Complied with AAIP Annual inspection using the 300hr / 12 month, 600hr / 12 month and 1200hr / 12 month checklists in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc.

Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in accordance with Pilatus PC-12/47E AMM 79-30-01 and P&WC PT6A-67B/P EMM 72-00-00.

Complied with 300 hour engine minor and periodic inspections per P&WC PT6A-67B/P EMM 72-00-00, table 601.

Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM 71-00-00 and P&WC PT6A-67B/P

Complied with 300 hour chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00.

Complied with 400 hour borescope inspection of engine hot section components in accordance with P&WC PT6A-67B/P EMM 72-00-00.

Complied with 900 hour replacement of P3 air filter in accordance with P&WC PT6A-67B/P EMM 72-00-00. Installed new filter WF336238. Complied with 400 hour fuel nozzles and manifold flow check, replaced fuel nozzles with inspected and functionally tested nozzles by Prime

Turbine Services CRS# 5PTR585C on work order# M4C2322. Work performed per P&WC PT6A-67B/P EMM 73-11-05. Complied with 400 hour ignition exciter, cable & igniter inspection & operational check per P&WC PT6A-67B/P EMM 74-10-00 & 74-20-00.

Complied with 900 hour replacement of oil filter, installed new filter P/N 7579522AM per P&WC PT6A-67B/P EMM 79-20-00.

Took engine oil and filter patch samples and sent them out for analysis.

Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. and was determined to be in an Airworthy condition.

Signed

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Secti

N698NG Model: PT6A-67P S/N: PCE-RY0743



Hobbs Time: 1024.7 Total Time: 1024.7 1149 Cycles:

Date: 5 February 2021 Work Order: S-21-00028 Complied with AAIP Annual inspection using the 300hr / 12 month, 600hr / 12 month and 1200hr / 12 month checklists in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. Complied with 300 hour engine minor and periodic inspections per P&WC PT6A-67B/P EMM 72-00-00, table 601. Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM 71-00-00 and P&WC PT6A-67B/P FMM 71-00-00. Complied with 300 hour chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00.

Complied with 400 hour borescope inspection of engine hot section components in accordance with P&WC PT6A-67B/P EMM 72-00-00. Complied with 1000 hour AGB internal scavenge screen inspection in accordance with P&WC PT6A-67B/P EMM 72-00-00. Complied with 600 hour fuel pump outlet filter replacement in accordance with P&WC PT6A-67B/P EMM 73-10-02. New filter P/N 572744. Complied with 600 hour inspection of the fuel pump inlet screen per P&WC PT6A-67B/P EMM 73-10-02. Complied with 300 hour inspection and cleaning of P3 air filter in accordance with P&WC PT6A-67B/P EMM 73-10-07. Complied with 400 hour ignition exciter, cable & igniter inspection & operational check per P&WC PT6A-67B/P EMM 74-10-00 & 74-20-00. Complied with 300 hour oil filter cleaning and inspection in accordance with P&WC PT6A-67B/P EMM 79-20-00. Took engine oil and filter patch samples and sent them out for analysis. Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in accordance with Pilatus PC-12/47E AMM 79-30-01 and P&WC PT6A-67B/P EMM 72-00-00. Complied with 150hr CPC re-application to compressor inlet in accordance with P&WC PT6A-67B/P EMM 72-00-00. Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted. I certify that this Engine has been inspected in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. and was determined to be in an Airworthy condition. Signed Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C Gas Generator Hobbs Time: 1308.5 N698NG Total Time: 1308.5 PT6A-67P Model: S/N: PCE-RY0743 Cycles: 1429 Work Order: S-21-00354 Date: 8 November 2021 Complied with 300 hour engine minor and periodic inspections per P&WC PT6A-67B/P EMM 72-00-00, table 601. Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM 71-00-00 and P&WC PT6A-67B/P Complied with 150hr CPC re-application to compressor inlet in accordance with P&WC PT6A-67B/P EMM 72-00-00. Complied with 400 hour borescope inspection of engine hot section components in accordance with P&WC PT6A-67B/P EMM 72-00-00. Complied with 300 hour inspection and cleaning of P3 air filter in accordance with P&WC PT6A-67B/P EMM 73-10-07. Complied with 400 hour fuel nozzles and manifold flow check, replaced fuel nozzles with inspected and functionally tested nozzles by Rocky Mountain Turbine Services CRS# 1B6R708C on work order# R003623. Work performed per P&WC PT6A-67B/P EMM 73-11-05. Complied with 300 hour chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00. Complied with 300 hour oil filter cleaning and inspection in accordance with P&WC PT6A-67B/P EMM 79-20-00. Took engine oil and filter patch samples and sent them out for analysis. Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted. I certify that this Engine has been inspected in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. and was determined to be in an Airworthy condition. Signed Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C Gas Generator N698NG Hobbs Time: 1443.7 Model: Total Time: 1443.7 S/N: PCE-RY0743 Cycles: 1526 Date: 9 March 2022 Work Order: S-22-00126 Complied with an Annual Inspection on Pilatus PC-12/47E AMM 300hr / 12 month, 600hr / 12 month, 1200hr / 12 month inspection forms as guides to comply with the inspection requirements of FAR 43 Appendix D.

Complied with 300 hour engine minor periodic inspections using P&WC PT6A-67B/P EMM 72-00-00, table 601. Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM 71-00-00 and P&WC PT6A-67B/P Complied with 150hr CPC re-application to compressor Internal accordance with P&WC PT6A-67B/P EMM 72-00-00.

Complied with 900 hour replacement of P3 air filter in accordance with P&WC PT6A-67B/P EMM 72-00-00. Installed new filter WF336238. Complied with 400 hour borescope inspection of engine hot section components in accordance with P&WC PT6A-67B/P EMM 72-00-00.

Complied with 600 hour inspection of the fuel pump inlet screen per P&WC PT6A-67B/P EMM 73-10-02.

Complied with 600 hour replacement of the fuel pump outlet filter. Installed few Mer P/N 572744 per P&WC PT6A-67B/P EMM 73-10-02.

Complied with 400 hour ignition exciter, cable & igniter inspection & operational check per P&WC PT6A-67B/P EMM 74-10-00 & 74-20-00.

Complied with 900 hour replacement of oil filter, installed new filter P/N 3059258-01 per P&WC PT6A-67B/P EMM 79-20-00. Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in accordance with Pilatus PC-12/47E AMM 79-30-01 and P&WC PT6A-67B/P EMM 72-00-00. Complied with 300 hour chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00. Took engine oil and filter patch samples and sent them out for analysis.

Removed LH ignition lead and replaced with new P/N CH53399-02 per P&WC PT6A-67B/P EMM 74-20-00.

I certify that this Engine has been inspected in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. and was determined to be in an Airworthy condition.

Accomplished all required operational and functional checks with satisfactory results. Ground performance run good no leaks noted.

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Gas Generator

N698NG Model: PT6A-67P S/N: PCE-RY0743 Date: 9 March 2022



Hobbs Time: 1443.7 Total Time: 1443.7 Cycles: 1526 Work Order: S-22-00126

Complied with AAIP Annual inspection using the 300hr / 12 month, 600hr / 12 month and 1200hr / 12 month checklists in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. Complied with 300 hour engine minor periodic inspections using P&WC PT6A-67B/P EMM 72-00-00, table 601.

Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM 71-00-00 and P&WC PT6A-67B/P EMM 71-00-00

Complied with 150hr CPC re-application to compressor inlet in accordance with P&WC PT6A-67B/P EMM 72-00-00.

Complied with 900 hour replacement of P3 air filter in accordance with P&WC PT6A-67B/P EMM 72-00-00. Installed new filter WF336238.

Complied with 400 hour borescope inspection of engine hot section components in accordance with P&WC PT6A-67B/P EMM 72-00-00.

Complied with 600 hour inspection of the fuel pump inlet screen per P&WC PT6A-67B/P EMM 73-10-02.

Complied with 600 hour replacement of the fuel pump outlet filter. Installed new filter P/N 572744 per P&WC PT6A-67B/P EMM 73-10-02. Complied with 400 hour ignition exciter, cable & igniter inspection & operational check per P&WC PT6A-67B/P EMM 74-10-00 & 74-20-00.

Complied with 900 hour replacement of oil filter, installed new filter P/N 3059258-01 per P&WC PT6A-67B/P EMM 79-20-00.

Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in accordance with Pilatus PC-12/47E AMM

79-30-01 and P&WC PT6A-67B/P EMM 72-00-00.
Complied with 300 hour chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00.

Took engine oil and filter patch samples and sent them out for analysis.

Removed LH ignition lead and replaced with new P/N CH53399-02 per P&WC PT6A-67B/P EMM 74-20-00.

Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. and was determined to be in an Airworthy condition.

Signed

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Gas Generator

N698NG Model: PT6A-67P S/N: PCE-RY0743

Date: 18 January 2023

Hobbs Time: 1712.1 Total Time: 1712.1 Cycles: 1840 Work Order: S-22-00707

Complied with an AAIP Annual Inspection using the 300hr / 12 month, 600hr / 12 month, 1200hr / 12 month checklists in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc.

Complied with 300 hour engine minor and periodic inspections per P&WC PT6A-67B/P EMM 72-00-00, table 601.

Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM 71-00-00 and P&WC PT6A-67B/P EMM 71-00-00.

Complied with 300 hour CPC re-application to compressor inlet in accordance with P&WC PT6A-67B/P EMM 72-00-00.

Complied with 400 hour borescope inspection of engine hot section components in accordance with P&WC PT6A-67B/P EMM 72-00-00. Complied with 600 hour fuel nozzles and manifold flow check, replaced fuel nozzles with inspected and functionally tested nozzles by Rocky Mountain Turbine Services CRS# 1B6R708C on work order# R003702. Work performed per P&WC PT6A-67B/P EMM 73-11-05.

Complied with 300 hour chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00.

Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in accordance with Pilatus PC-12/47E AMM 79-30-01 and P&WC PT6A-67B/P EMM 72-00-00.

Complied with 300 hour inspection and cleaning of P3 air filter in accordance with P&WC PT6A-67B/P EMM 73-10-07.

Complied with 400 hour ignition exciter, cable & igniter inspection & operational check per P&WC PT6A-67B/P EMM 74-10-00 & 74-20-00.

Complied with 300 hour oil filter cleaning and inspection in accordance with P&WC PT6A-67B/P EMM 79-20-00.

Took engine oil and filter patch samples and sent them out for analysis.

Complied with 1750 hour check of the fuel pump to accessory gear box cover interface per P&WC PT6A-67B/P EMM 72-00-00.

Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. and was determined to be in an Airworthy condition.

Signed

1.01

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Gas Generator

N698NG PT6A-67P Model: S/N: PCE-RY0743

Date: 06 October 2023

Hobbs Time: 1958.0 Total Time: 1958.0 Cycles: 2107 Work Order: S-23-00687

Removed the following components for scheduled 1800hr. hot section inspection:

Outer Liner - PN: 3079489-01 SN: RWA10F654

Inner Liner - PN: 3116790-01 SN: RWA07F592

Small Exit Duct - PN: 3040931 CL07 SN: PDALKBND01

CT Disk - PN: 3053740-91 SN: YUAB001G464

Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

N698NG Model: PT6A-67P S/N: PCE-RY0743 Date: 27 October 2023



Hobbs Time: 1958.0 Total Time: 1958.0 Cycles: 2107 Work Order: S-23-00687 ;k

Complied with an Annual Inspection using Pilatus PC-12/47E AMM 300hr / 12 month, 600hr / 12 month, 1200hr / 12 month inspection forms as guides to comply with the inspection requirements of FAR 43 Appendix D.

Complied with 300 hour engine minor and periodic inspections per P&WC PT6A-67B/P EMM 72-00-00, table 601.

Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM 71-00-00 and P&WC PT6A-67B/P EMM 71-00-00.

Complied with 300 hour chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00.

Complied with 1000 hour AGB internal scavenge screen inspection in accordance with P&WC PT6A-67B/P EMM 72-00-00.

Complied with 600 hour inspection of the fuel pump inlet screen per P&WC PT6A-67B/P EMM 73-10-02.

Complied with 600 hour replacement of the fuel pump outlet filter. Installed new filter P/N 572744 per P&WC PT6A-67B/P EMM 73-10-02.

Complied with 300 hour inspection and cleaning of P3 air filter in accordance with P&WC PT6A-67B/P EMM 73-10-07.

Complied with 400 hour ignition exciter, cable & igniter inspection & operational check per P&WC PT6A-67B/P EMM 74-10-00 & 74-20-00.

Complied with 300 hour oil filter cleaning and inspection in accordance with P&WC PT6A-67B/P EMM 79-20-00.

Took engine oil and filter patch samples and sent them out for analysis.

Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in accordance with Pilatus PC-12/47E AMM

79-30-01 and P&WC PT6A-67B/P EMM 72-00-00.

Complied with engine hot section inspection in accordance with Pratt & Whitney PT6A-67B/P EMM 72-00-00. Removed Power section assemble from engine with propeller installed, removed hot section components for inspection. Hot section inspection Complied with by Standard Aero Business Aviation Services LLC FAA CRS# YRR7491L under work order RPR62766. Removed fuel nozzles P/N 3119855-01RE03 and fuel manifold inlet adapter P/N 3119856-01RE03 with sheath P/N 3119920-01. Removed small exit duct P/N 3123302-01 S/N RWA06F748, CT disk P/N 3053740-01 S/N YUAB001G46, inner liner P/N 3116790-01 S/N RWA07F592 and outer liner P/N 3079489-01 S/N RWA10F654. Sent all part to Standard Aero for inspection, installed inspected small exit duct P/N 3123302-01 S/N RWA06F748, inspected CT disk P/N 3053740-01 S/N YUAB001G46, inspected inner liner P/N 3116790-01 S/N RWA07F592 and inspected outer liner P/N 3079489-01 S/N RWA10F654. Installed inspected fuel nozzles P/N 3119855-01RE03, inspected fuel manifold inlet adapted P/N 3119856-01 RE03 and inspected Sheath P/N 3119920-01. Reinstalled all removed components using PT6A-67B/P maintenance Manual. Installed 2 ea. new igniters P/N CH34055 per Pilatus PC-12/47E AMM 74-20-00 and P&WC PT6A-67B/P EMM 74-20-00. Accomplished all required operational and functional checks with satisfactory results. Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with an Annual inspection and is determined to be in an airworthy condition. Pertinent details are on Me lunder the above work order.

Olathe KS 66062

(913) 782-0530 FAA Repair Station #AMYR171C

Gas Generator

N698NG Model: PT6A-67P S/N: PCE-RY0743

Date: 27 October 2023

Hobbs Time: 1958.0 Total Time: 1958.0 Cycles: 2107 Work Order: S-23-00687

Complied with an AAIP Annual Inspection using the 300hr / 12 month, 600hr / 12 month, 1200hr / 12 month checklists in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc.

Complied with 300 hour engine minor and periodic inspections per P&WC PT6A-67B/P EMM 72-00-00, table 601.

Performed engine compressor performance recovery and turbine wash per Pilatus PC-12/47E AMM 71-00-00 and P&WC PT6A-67B/P EMM 71-00-00

Complied with 300 hour chip detector continuity test per P&WC PT6A-67B/P EMM 72-00-00.

Complied with 1000 hour AGB internal scavenge screen inspection in accordance with P&WC PT6A-67B/P EMM 72-00-00.

Complied with 600 hour inspection of the fuel pump inlet screen per P&WC PT6A-67B/P EMM 73-10-02.

Complied with 600 hour replacement of the fuel pump outlet filter. Installed new filter P/N 572744 per P&WC PT6A-67B/P EMM 73-10-02.

Complied with 300 hour inspection and cleaning of P3 air filter in accordance with P&WC PT6A-67B/P EMM 73-10-07.

Complied with 400 hour ignition exciter, cable & igniter inspection & operational check per P&WC PT6A-67B/P EMM 74-10-00 & 74-20-00.

Complied with 300 hour oil filter cleaning and inspection in accordance with P&WC PT6A-67B/P EMM 79-20-00.

Took engine oil and filter patch samples and sent them out for analysis

Complied with 600 hour/12 month reduction & accessory gearbox chip detectors inspections in accordance with Pilatus PC-12/47E AMM 79-30-01 and P&WC PT6A-67B/P EMM 72-00-00

Complied with engine hot section inspection in accordance with Pratt & Whitney PT6A-67B/P EMM 72-00-00. Removed Power section assemble from engine with propeller installed, removed hot section components for inspection. Hot section inspection Complied with by Standard Aero Business Aviation Services LLC FAA CRS# YRR7491L under work order RPR62766. Removed fuel nozzles P/N 3119855-01RE03 and fuel manifold inlet adapter P/N 3119856-01RE03 with sheath P/N 3119920-01. Removed small exit duct P/N 3123302-01 S/N RWA06F748, CT disk P/N 3053740-01 S/N YUAB001G46, inner liner P/N 3116790-01 S/N RWA07F592 and outer liner P/N 3079489-01 S/N RWA10F654. Sent all part to Standard Aero for inspection, installed inspected small exit duct P/N 3123302-01 S/N RWA06F748, inspected CT disk P/N 3053740-01 S/N YUAB001G46, inspected inner liner P/N 3116790-01 S/N RWA07F592 and inspected outer liner P/N 3079489-01 S/N RWA10F654. Installed inspected fuel nozzles P/N 3119855-01RE03, inspected fuel manifold inlet adapted P/N 3119856-01RE03 and inspected Sheath P/N 3119920-01, Reinstalled all removed components using PT6A-67B/P maintenance Manual. Installed 2 ea. new igniters P/N CH34055 per Pilatus PC-12/47E AMM 74-20-00 and P&WC PT6A-67B/P EMM 74-20-00. Accomplished all required operational and functional checks with satisfactory results, Ground performance run good, no leaks noted.

I certify that this Engine has been inspected in accordance with the AAIP approved for Midland Aircraft Sales & Service, Inc. and was determined to be in an Airworthy condition.

Signed Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMYR171C

Section 2: Record of engine installations

The state of the	Install—tion							Removal		
Aircraft registration	Date installed	Position	Engine time since new²	Engine time since overhaul²	Aircraft time at installation	Date removed	Aircraft time at removal	Engine hours this installation ²		
2	1 MAR 2017	SE	0.0	NIA	0.0					
		_								
								-		

² Where engine time is requested, enter the engine time and/or engine cycles, as applicable.

Section 3: Records of engine component installations

Date installed //	Engine time since overhaul	Total cycles	Component description	Type/Model/Series/ Part Number
1 2 OCT 20	16 NIA	0	Refer to life limited compone serialized components list in shipping package.	ent cards and cluded with the
				- 13 -

Serial Number	Position	Date removed / /	Reason for removal	Entered by (print)
				1.C 4.58 NO . 062
			(1401)	(20)
_				
	4			

Section 4: Record of engine applicable airworthiness directives, airworthiness limitations

and equivalent mandatory requirements Compliance threshold Compliance interval Reference Effective date Description of requirements --/--/--(e.g. AD #) This section includes an Engine Airworthiness Directives Record page - P&WC Form 2371 to record related airworthiness directives.

	Entered by (print)
	TC 4-58 NO . 062
	K PIVIDOR
(1401)	

Section 5: Record of engine major modifications and repairs, and supplemental Instructions for Continued Airworthiness (ICA)

		Continued Airworthiness (ICA)	
Date embodied	STC/RDA/PDA	Description of changes	ICA (Y/N)
1 2 OCT 2	016	_ For the list of SBs incorporated at _ manufacture, see attached Engine Build _ Record Status Report sheet.	ANTICOCOLOR PROPERTIES ANTICOLOR PROPERTIES ANTICOCOLOR PROPERTIES A
			•
			Q

Sched. change (Y/N)	Description of changes to ICA and reference to applicable documents	Entered by (print)
		1C 4.58
		K AVIDOR
117		(1401)
		- 1