

I certify that this Engine, Pratt & Whitney Canada Model:
with installed Propeller: Hartzell, Model:

PT6A-67P S/N: PCE-RY0754 TSN: 1528:53hrs
HC-E5A-3A S/N: SA207, TSN: 1260:15hrs

has been inspected in accordance with the performance rules of a Annual Inspection using the aircraft manufacturer Maintenance Manual, Latest revision 24, dated Nov 30, 2020 and checked against the requirements of Appendix D to 14 CFR 43 to ensure compliance with all applicable airworthiness requirements.

14 CFR part 39 AD COMPLIANCE:

Checked AD compliance and further AD applicable to this engine, propeller up to Biweekly 2021-13.

WORK PERFORMED I.A.W. 14CFR PART 43.3 (d) UNDER DIRECT SUPERVISION:

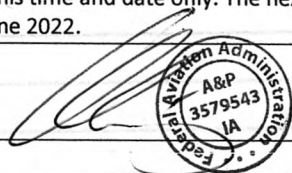
By myself and Altenrhein Aviation GmbH CH.145.0236. Details of this Inspection are on file with the Altenrhein Aviation.

MAINTENANCE RELEASE:

The aircraft engine, propeller or applicable identified above was repaired and inspected in accordance with current regulations of the FAA, manufactures maintenance manual and is approved for return to service.

This aircraft is determined to be in airworthy condition at this time and date only. The next inspection is due at 1828hrs aircraft total hours. The next Annual Inspection is due in June 2022.

Kornelius Lüling, A&P IA 3579543, June 28, 2021



Engine No. 1 Logbook

03-Feb

3072955-01 - PT6A-67P, S/N PCE-RY0754

Facility:

AIRBORNE
AIRCRAFT
MANAGEMENT,
LLC

Certificate #:

Airframe Hours:

Airframe Cyc/Lndgs:

Airframe Ach:

Eng# 1 Hours:

1779.7

Eng# 1 Enc:

THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

TASK NUMBER	DESCRIPTION
1 057010	NO. 1 ENGINE - MINOR INSPECTION

I CERTIFY THAT THIS AIRCRAFT WAS REPAIRED (IN ACCORDANCE WITH CURRENT FAA REGULATIONS) AND/OR INSPECTED IN ACCORDANCE WITH AN APPROVED INSPECTION PROGRAM REQUIRED BY FAR135.419 AND IS APPROVED FOR RETURN TO SERVICE.

Work Performed By: JAY R VILLALVA

Certificate #: A&P - 3070370

I CERTIFY THAT THIS AIRCRAFT WAS REPAIRED (IN ACCORDANCE WITH CURRENT FAA REGULATIONS) AND/OR INSPECTED IN ACCORDANCE WITH AN APPROVED INSPECTION PROGRAM REQUIRED BY FAR135.419 AND IS APPROVED FOR RETURN TO SERVICE.

Work Inspected By:

Jay R Villalva

Certificate #: IA 3070370

2022-03-23 THE 1845.3 TCE 1596 PERFORMED INSPECTION OF SCAVENGE OIL
INLET SCREEN. REFERENCE EMM 72-00-00, TABLE 601. A&P 3070370JA



PRIME TURBINES, LLC.
FAA REPAIR STATION 5TPR585C
3130 N. OAKLAND STE. 104 • MESA, AZ 85215 USA
TEL: (480) 428-6341 FAX: (480) 219-3587

Complied with Hot Section Inspection on components listed in accordance with P&WC MM 3038336 Rev. 55.0 dated 4/11/22 and OHM 3038337 Rev. 51, dated 08/02/2021.

Sm. Exit duct P/N: 3123302-01 NSN, CT Shroud Housing P/N: 3118089-01 S/N: NSN, Seal Ring P/N: 3123386-01, CT Vane ring 3040931CL07 S/N PDALH92M01, Lock Plate 3024831 NSN, #2 Bearing Flange 3053160-01 NSN, #2 Bearing Cover 3053167-01 NSN, CT Stator air seal 3058347CL10 NSN, Bladed Disk Assembly 3053974-01.

Installed following New components: Segments 10ea. PF3039465CL19 NSN, 1ea. Seal Ring 3070389-01 NSN, and 1ea. Seal Ring 3070391-01 NSN.

CT Disk DIA: 9.539", New Segments ground for a calculated tip clearance of: .019"
 CT Disk P/N: 3053740-01 S/N: YUAB0016917 CSN: 1827

Details regarding the work performed are on file at Prime Turbines, LLC. under the W/O number M5H1040

Engine PCE-RY0754 TSN: 1938.0 CSN: 1685 TSHSI: 0.0

SIGNATURE: 

DATE: 24/JUN/2022

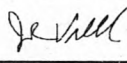


Engine No. 1 Logbook 3072955-01 - PT6A-67P, S/N PCE-RY0754	WO: PCENS36HC	30-Jun-22
Facility: IN-HOUSE SERVICE	Certificate #:	4KFA394C
Airframe Hours: 1938.9	Airframe Cyc/Lndgs:	1685
Airframe Ach: 471.3	Eng# 1 Enc:	1685
Eng# 1 Hours: 1938.9		

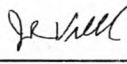
THE FOLLOWING INSPECTION ITEMS / TASKS WERE ACCOMPLISHED:

TASK NUMBER	DESCRIPTION
1 057010	NO. 1 ENGINE - MINOR INSPECTION
2 710021	NO. 1 ENGINE - HOT SECTION INSPECTION Update Note: PRIME TURBINES WO:M5H1040 RELATES
3 710031	NO. 1 ENGINE - BORESCOPE HOT SECTION Update Note: COMPLETED HSI INSPECTION
4 710061	NO. 1 ENGINE - PERFORM ENGINE CONDITION TREND MONITORING (ECTM)
5 731025	NO. 1 ENGINE - LEAK/FUNCTIONAL TEST FUEL MANIFOLD ADAPTER AND NOZZLE ASSEMBLIES (ENGINE NOT ON FUEL NOZZLE IN-SITU CLEANING PROGRAM) Update Note: PRIME TURBINES WO: M4C3527
6 790070	NO. 1 ENGINE - CHECK SCAVENGE OIL PUMP INLET SCREEN

THE ENGINE IDENTIFIED ABOVE WAS INSPECTED AND SERVICED IN ACCORDANCE WITH THE AIRBORNE AIRCRAFT MANAGEMENT LLC AAIP FOR THE PC-12 AND 14 CFR. IT WAS DETERMINED TO BE IN AIRWORTHY CONDITION WITH RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

TECHNICIAN 
 JAY R VILLALVA
 Signed on 08-Jul-2022 03:30 UTC

Certificate #: A&P - 3070370

INSPECTOR 
 JAY R VILLALVA
 Signed on 08-Jul-2022 03:30 UTC

Certificate #: A&P - 3070370



PRIME TURBINES, LLC.
FAA REPAIR STATION 5TPR585C
3130 N. OAKLAND STE. 104 • MESA, AZ 85215 USA
TEL: (480) 428-6341 FAX: (480) 219-3587

Received HSI components due to CT blade Tip rub, REPAIRED in accordance with P&WC MM 3038336 Rev. 55.0 dated 4/11/22 and OHM 3038337 Rev. 51, dated 08/02/2021.

Sm. Exit duct P/N: 3123302-01 NSN, CT Shroud Housing P/N: 3118089-01 S/N: NSN, Seal Ring P/N: 3123386-01, CT Vane ring 3040931CL07 S/N PDALH92M01, Lock Plate 3024831 NSN, #2 Bearing Flange 3053160-01 NSN, #2 Bearing Cover 3053167-01 NSN, CT Stator air seal 3058347CL10 NSN, Bladed Disk Assembly 3053974-01.

Installed the following New components: Segments 10ea. 3039465CL19CP NSN, 1ea. Seal Ring 3070389-01CP NSN, and 1ea. Seal Ring 3070391-01CP NSN, Seal Ring 3057818-01 NSN and Seal Ring 3123386-01 NSN.

Trued CT Disk to final DIA: 9.533", New Segments ground for a calculated tip clearance of: .019"
 CT Disk P/N: 3053740-01 S/N: YUAB0016917 CSN: 1827

Details regarding the work performed are on file at Prime Turbines, LLC. under the W/O number M5H1043

Engine PCE-RY0754 TSN: 1938.0 CSN: 1685 TSHSI: 0.0

SIGNATURE: 
 Brian Langehemer

DATE: 12/JUL/2022

Engine TSN: 1949.2

CSN: 1695

TTAF: 1949.2

Date: 2022-11-10

Stator Assembly repaired after Engine Performance test revealed decreased engine performance after completion of HSI. The original work on the H components was accomplished by Prime Turbines, LLC, W/O No. M5H1040. CT stator assembly was discovered to be assembled with the Sealing 3123386-01 installed in the wrong location. Repair work by Prime Turbines, LLC was completed under W/O No. M5H1043. Engine Performance test completed satisfactory. Work performed referencing Pilatus PC-12 Maintenance Manual Document No. 02300 Rev. 25 and P&WC PT6A-67P EMM 3038336, Rev. 53, Section 72-00-00.

Maintenance Release

The engine identified above was inspected and serviced in accordance with the P&WC instructions and the Airborne Aircraft Management, LLC AAIP for Pilatus PC-12/47E MSN 1702 and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service this date.

Signed: Jay Villalva
Jay Villalva A&P 3070370 IA

-END OF ENTRY-

Engine TSN: 2045.9

CSN: 1792

TTAF: 2045.9

Date: 2022-11-10

Performed **100-Hr inspection** per AAM AAIP for the Pilatus PC-12/47E MSN 1702. Reference Checklists: (1) Pilatus PC-12 Maintenance Manual Document No. 02300 Rev. 25 "Inspection Guidelines" 12-B-05-20-00-00A-018A-A; (2) P&WC PT6A-67P EMM 3038336, Rev. 53, Section 72-00-00, 601 TR 72-53. All Chapter 4 airworthiness limitations are current. **Next 100-hour inspection due at 2128.5 ± 10 TTAF or in conjunction with 12-Month Inspection.**

The following maintenance items were addressed at this time:

- **Task 71-00/206 AAIP 100-Hr Inspection**
- **Task 73-20/045 P3 Filter Housing Drain Valve.** No defects noted.
- **Task 73-20/055 P3 Air Filter Clean.** No problems noted.
- Oil filter and secondary screen inspection: No debris noted.
- ECTM oil sample taken.
- Replaced fuel pump outlet filter. Replacement due 2645.9

Maintenance Release

The engine identified above was inspected and serviced in accordance with the P&WC instructions and the Airborne Aircraft Management, LLC AAIP for Pilatus PC-12 MSN 335 and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service this date.

Signed: Jay Villalva
Jay Villalva A&P 3070370 IA

-END OF ENTRY-

Engine TSN: 2135.2

CSN: 1873

TTAF: 2135.2

Date: 2022-11-10

Performed **100-Hr inspection** per AAM AAIP for the Pilatus PC-12/47E MSN 1702. Reference Checklists: (1) Pilatus PC-12 Maintenance Manual Document No. 02300 Rev. 25 "Inspection Guidelines" 12-B-05-20-00-00A-018A-A; (2) P&WC PT6A-67P EMM 3038336, Rev. 53, Section 72-00-00, 601 TR 72-53. All Chapter 4 airworthiness limitations are current. **Next 100-hour inspection due at 2238.5 ± 10 TTAF (6123.0 TTE) or in conjunction with 12-Month Inspection.**

The following maintenance items were addressed at this time:

- **Task 71-00/206 AAIP 100-Hr Inspection**
- **Task 73-10/040 Fuel Pump Inlet Screen.** No debris noted.
- **Task 73-20/045 P3 Filter Housing Drain Valve.** No defects noted.
- **Task 73-20/055 P3 Air Filter Clean.** No problems noted.
- Oil filter and secondary screen inspection: No debris noted.
- ECTM oil sample taken.

Maintenance Release

The engine identified above was inspected and serviced in accordance with the P&WC instructions and the Airborne Aircraft Management, LLC AAIP for Pilatus PC-12/47E MSN 1702 and 14 CFR. It was determined to be in airworthy condition with respect to the work performed and is approved for return to service this date.

Signed: Jay Villalva
Jay Villalva A&P 3070370 IA

-END OF ENTRY-

05 APR 2017

0.0

VIA

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NEW ENGINE PT6A-67P
S/N PCE-RY0754
INSTALLED IN PILATUS
PC-12/47E AIRCRAFT
WITH MSN 1702

GROUND RUN COMPLETE
SATISFACTORILY.

ENGINE OIL USED: Eastman

Details of task

Signature

AME
ACA/AMO
SCA/AMO

al acceptance test
satisfactorily and is in
safe operation.

This Power Section module is combined with Gas
Generator.

S/N: PCE- RY0754

NG/N^o 35650 RPM, at 1200 SHP 18V^o

ITT Trim: 12.0 C^o

T5 Trim resistance: 112.3 Ohms

1401

K. PIVIDOR

T.C. 4-58
NO. 062

SA-67P

ATUS
AFT

GROUND RUN COMPLETED
SATISFACTORILY.

ENGINE OIL USED: Eastman Turbo Oil 2380

PILATUS

QUALITY INSPECTION
PILATUS AIRCRAFT LTD
CH-6370 STANS (SWITZERLAND)

L. Simonetta

PROD. ORGANISATION
CH.21G.0002

PIL
117

Swiss Federal Office of Civil Aviation

Airworthiness Inspection for	Conformity		
Report No. <u>001-7183</u>	Import	Export	Other <input checked="" type="checkbox"/>
Date: <u>22 May 2017</u>	Signature 