

ENGINE LOGBOOK
PT6A Turboprop

PCE-RV0090



Pratt & Whitney Canada
A United Technologies Company



Transport
Canada

Transports
Canada

TP 14182
(Revised 05/2005)

Engine Logbook

POWER SECTION MODULE LOG BOOK


TC1001185



05/2005


Canada

Section 1: Record of engine maintenance and elementary work

		StandardAero	
600 E. Dallas Road, Suite 400, Grapevine, TX 76051		CRS# U8TR793Y; EASA# 145.5299	
Manufacturer:	Pratt & Whitney Canada	Model No:	PT6A-66D
Description:	Engine Assembly, Complete	Work Order:	43-01545
TSN:	1181.7	Serial No:	PCE-RV0090
CSN:		Order/ Task:	1706/2
		TSO:	N/A
		CSO:	N/A

Details of work performed: Multiple leading edge nicks found on all (16) 1st Stage Compressor airfoils. The nicks ranged from 0.013" to 0.020" with the largest being 0.109" wide by 0.048" deep (more than 0.300" away from airfoil tip). Blended all (16) 1st Stage Compressor airfoils and smoothed the leading edges. Removed the majority of dust left over from blending with a suitable suction cleaner and then cleaned the area with isopropyl alcohol. Reference the Compressor-Impeller Blend Supplement associated with this WO# 43-01545. All work done IAW the Pratt & Whitney Canada PT6A-66D Maintenance Manual P/N: 3070902 Revision No. 24.0 dated April 10, 2023.

Pertinent details of this repair are on file at this repair station under work order: 43-01545.
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:
Daniel Fray		08-Sep-23

TX003R1

wo: 52754

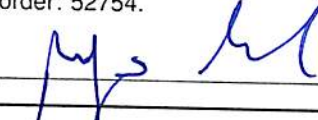
//STELLAR AVION
Quality nonstop

Stellar Avion · 65 Durley Ave, Suite A · Camarillo, California 93010 · 8184866792

N313BP **Pratt and Whitney , PT6A-66D, S/N: PCE-RV0090** **March 05, 2025**
ETCSN: 666.0 ETT: 1414.0

1. Collected engine oil sample and sent to Avlab for analysis Per Pratt & Whitney PT6A-66D MM Chapter 71. Lab results reflected no issues.
2. Performed borescope inspection of the First stage compressor, Hot section and PT blades through the exhaust, engine is found to be in normal condition for time in service, re-installed fuel nozzle and performed satisfactory leak check, engine performance runs and test flight Per Daher MM Chapter 5 and Pratt and Whitney PT6A-66D MM. No defects noted.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Stellar Avion under work order: 52754.

Rodrigo Sandoval A&P and IA 2784780  03/05/2025

wo: 52442

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N313BP **Pratt and Whitney , PT6A-66D, S/N: PCE-RV0090** **September 12, 2023**
AFTT: 1272.5 CYCLES: 584 HOBBS : 1272.5

1. Performed B inspection plus annual Per Daher MM Chapter 05-20-04, 05-20-05 and Pratt and Whitney MM PT6A-66D. All AD's checked through 09/12/2023. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR Appendix D.
2. Performed incoming maintenance borescope of the first stage compressor Per Pratt and Whitney MM PT6A-66D Chapter 72. No defects noted.
3. Collected engine oil sample and sent to Avlab Per Pratt and Whitney PT6A-66D MM Chapter 71. Lab results reflected no issues.
4. Performed borescope inspection of the engine's hot section Per Pratt and Whitney PT6A-66D MM. No defects noted at this time, engine looks normal for time in service.
5. Removed leaking seals at engine oil scavenge pump transfer tubes and replaced with new Per Pratt and Whitney PT6A-66D MM 79. Leak check good.
6. Performed blending of first stage compressor blades by StandardAero WO#43-01545 Per Pratt and Whitney PT6A-66D MM 71.
7. Performed C.T Disc desalination and Compressor power recovery wash Per Pratt and Whitney PT6A-66D MM 71.


wo: 52442

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8. Performed outgoing borescope of the first stage compressor Per Pratt and Whitney PT6A-66D MM Chapter 72. No change from incoming check.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Stellar Avion under work order: 52442.

Rodrigo Sandoval A&P and IA 2784780  09/12/2023

Volume #: 1
Opened on: 16 SEP 2007

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.
2. Type/Model/Series E.T.C. E-21 PT6A-66D B/S: 1198
3. Serial Number PS-RV0090