11-26-13
PCE PH0116 PT6A-34AG
TT 7113.5 HOBBS 6029.5

Sp;lit engine at C Flange. Removed all hot section components. CTdisk and blades OH inspected, trued and balanced. IE duct assy disassembled, cleaned, inspected, and repaired. Fuel nozzles cleaned and flow checked. Replaced CT vane ring with OH pn 3032151 Flow Class 5.91 Installed new segments and seals, preground assembly. Hot Section Inspection and Annual/100hr inspection complied with. Reasembled using all new gaskets and seals. Leak check performed and engine performance satisfactory. All work performed with reference to applicable Pratt & Whitney Canada Manuals and other data and methods acceptable to the administrator..-------END----------

Tarheel Turbiines
Cert# [redacted]
WO# TT1340
[redacted]

1. Approving National Aviation Authority/Country: FAA/United States FAA/United States	2. **AUTHORIZED RELEASE CERTIFICATE** **FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**	3. Form Tracking Number: X2577-5000-1
4. Organization Name and Address: PRIME TURBINES [redacted] FAA Certificate: KKOR693Y CARROLLTON, TX 75006		5. Work Order/Contract/Invoice Number: X2577

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	CT Disc Assy	3102421-04	N/A	-01-	NSN	Repaired

13. Remarks:

The above article was repaired in accordance with PT6A OHM 3021243 rev.39 dated April 8/2013.
Assembled ct disc p/n 3013411 s/n A00005L4 with ct blades p/n 31020751-01, true & balanced. Sub-Assy O.D. is 8.541.
Pertinent details are on file at this repair station under Work Order: X2577
CSN: 6,378
Removed from Engine Serial Number : PCE-PH0016

CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA 145 AND WITH RESPECT TO THAT WORK THE AIRCRAFT COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA ACCEPTANCE CERTIFICATE NUMBER: EASA.145.6172.

14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.		19. ☑ 14 CFR 43.9 Return to Service ☑ Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature: [redacted]	21. Approval/Certificate No.: [redacted]
17. Name (Typed or printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Tom Steel	23. Date (m/d/y): 11/20/2013

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

/ /	HOURS	MIN	SINCE OVERHAUL HOURS	MIN	INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICAT
BROUGHT FORWARD					

N502WF 12/7/2019 HOBBS 5821.7

Serviced propeller using Hartzell propeller manual #139.

"I certify this prop was inspected I/A/W An annual inspection and was determined to be in airworthy condition"

[redacted]

Brian Fisher [redacted]

N50075 9/22/2020 Hobbs 9022.4

Installed prop from N502WF hobbs 5923.9 SPOH 1799.8. Serviced propeller using Hartzell propeller Manual #139. Test run ok. Return to service.

Jeff Wiggin[redacted]A

N50075 2/11/2021 Hobbs time 9165.3 SPOH 1942.7

"I certify this prop was inspected I/A/W An annual inspection and was determined to be in airworthy condition"

[redacted]

Brian Fisher [redacted]IA

N50075 2/1/2022 Hobbs time 9323 SPOH 2100.4

"I certify this prop was inspected I/A/W An annual inspection and was determined to be in airworthy condition"

[redacted]

Brian Fisher [redacted] IA

R	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	**Description of Inspections, Tests, Repairs and Alterations** Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (*See* back pages for other specific entries.)

N50075 2/1/22 HOBBS 9323 TTA 10407

Completed annual inspection in accordance with far part 43 appendix d. Opened inspection covers, lubed pulleys, bell cranks & hinge points. Check cables. Lubed control surface bearings. Per Air tractor Maintenance Manual.

- AD 06-24-10 spars replaced at TTA 7571.8 DUE TTA 17371.8
- Ad complied with trough this date.

I certify that this aircraft has been found in accordance with an annual inspection and to be found to be in airworthy condition.

[redacted]

Brian Fisher [redacted] IA

23 FEB 1998 | CF-96-24 | TO PRECLUDE MALFUNCTION OF THE COMPRESSOR BLEED OFF VALVE. S.B. 1538 OR ITS LATER REVISION OR SUPERSEDING SB INCORPORATED AT MANUFACTURE. | T.C. 4-58 NO. 028 [redacted]

23 FEB 1998 | FOR LIST OF S.B'S INCORPORATED SEE ATTACHED ENGINE BUILD RECORD STATUS REPORT SHEET. | T.C. 4-58 [redacted]

NAME PRINTED: N. TOTH

N50075 2/1/22 HOBBS 9323 ENGINE TT 10407

C/W a 100hr inspection I/A/W P&W PT6-34 maintenance manual and inspection guidelines and by Air Tractor service manual.

- C/W functional check of chip detector, no defects noted.
- Engine test run ok.
- 157.7 hrs, 60 starts and 253 takeoffs From 21 Ag season.

I certify that this engine has been found in accordance with an annual inspection and to be found to be in airworthy condition.

[redacted]

Brian Fisher A&P [redacted] IA