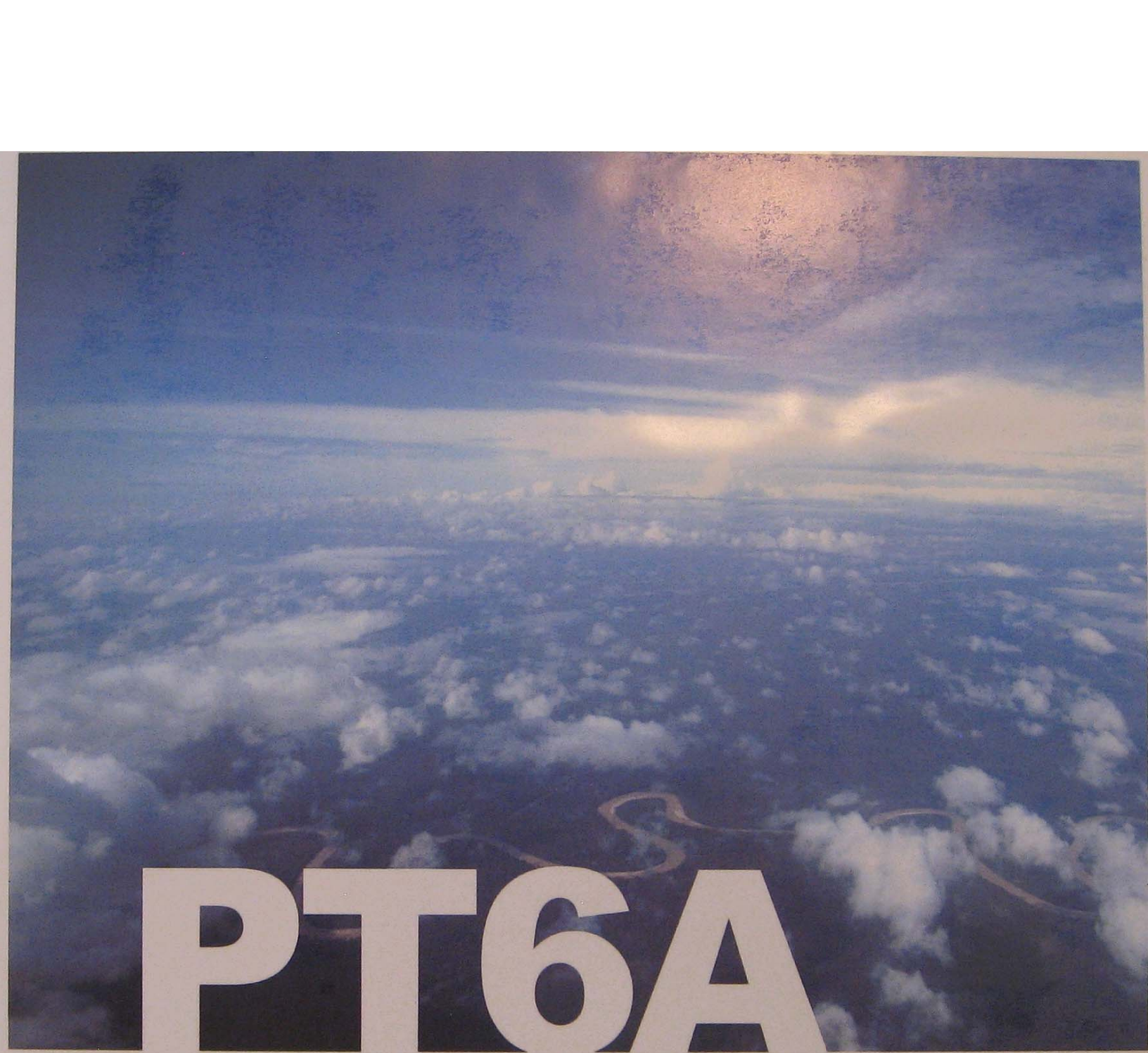


An aerial photograph of a winding road through a dense forest, with a large, semi-transparent 'PT6A' text overlay in the center. The road is a light brown color, contrasting with the dark green of the trees. The sky above is blue with some white clouds.

PT6A

ENGINE LOGBOOK

PT6A Turboprop

PCE-RV0179

1. Approving national aviation authority /country - Autorité de l'aviation du pays d'approbation / pays Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE - BON DE SORTIE AUTORISÉE TCCA 24-0078			3. Form tracking No. - Numéro de suivi du formulaire SEE BLOCK 5		
4. Approved organization name and address - Nom et adresse de l'organisme agréé  Pratt & Whitney Canada Une société de United Technologies/A United Technologies Company			Pratt & Whitney Canada Cie ./ Pratt & Whitney Canada Corp [REDACTED] LETHBRIDGE, ALBERTA T1H 6G2		5. Work order/contract/invoice - Bon de travail/contrat /facture P.O.# 4000588269		
6. Item	7. Description	8. Part No. - N° de pièce	9. Eligibility* - Admissibilité*	10. Qty - Qtée	11. Serial/batch No. - N° de série/de lot	12. Status/work - État/travail	
00001	Free Turbine Turbo-Prop PT6A-66D	3071016-01 - BS 1198	VARIOUS	1EA	PCE-RV0179	MANUFACTURED	
13. Remarks - Remarques CANADIAN TYPE CERTIFICATE E-21, FAA TYPE CERTIFICATE E26NE THIS ENGINE CONFORMS TO ITS UNITED STATES TYPE DESIGN (TYPE CERTIFICATE NUMBER E26NE) AND IS IN CONDITION FOR SAFE OPERATION. THIS ENGINE HAS BEEN SUBJECTED BY THE MANUFACTURER TO A FINAL OPERATION CHECK AND IS IN A PROPER STATE OF AIRWORTHINESS. THIS CERTIFIES THAT THE ITEM IDENTIFIED ABOVE WAS MANUFACTURED IN CONFORMITY TO EASA APPROVED TYPE CERTIFICATE DATA SHEET NUMBER: IM.E.008 AND IS IN A CONDITION FOR SAFE OPERATION. THIS ENGINE MEETS ALL ADDITIONAL REQUIREMENTS PRESCRIBED BY EASA AS NOTIFIED, INCLUDING COMPLIANCE WITH APPLICABLE IMPORTING AUTHORITY AIRWORTHINESS DIRECTIVES.							
14. Certifies that the items identified above were manufactured in conformity to: Le présent bon certifie que les articles indiqués ci-dessus ont été construits conformément à :			19. ☐ Car 571.16 Maintenance release. - Certification après maintenance en vertu du RAC 571.10. ☐ Other regulations specified in block 13. - Autre réglementation précisée à la case 13. Certifies that, except where otherwise specified in block 13, the work identified in block 12 and described in block 13 was performed in accordance with CAR 571. Le présent bon certifie que, à moins d'indication contraire apparaissant à la case 13, le travail indiqué à la case 12 et décrit à la case 13 a été effectué conformément au RAC 571. 				
15. Authorized signature - Signature autorisée [REDACTED]		16. Certificate / Approval Ref. No. N° d'agrément/d'autorisation [REDACTED]		20. Authorized signature - Signature autorisée N/A		21. Certificate / Approval ref. No. - N° d'agrément/d'autorisation N/A	
17. Name - Nom R. WEISTRA		18. Date (dd/month/yyyy) 18 FEB 2009		22. Name N/A		23. Date (dd/mmm/yyyy) N/A	

24-0078 (12/09/2001) / P&WC 5720 (2005-03) * Installer must cross-check eligibility with approved data - *Le monteur doit contre-vérifier l'admissibilité avec les données approuvées

1. Le présent document n'autorise aucunement le montage de la pièce. - 1. This document does not constitute authority to install the part.

2. Si le monteur se base sur la réglementation nationale d'une autorité de navigabilité autre que celle indiquée à la case 1, il doit s'assurer que l'autorité de navigabilité dont il relève accepte les produits ou les travaux de maintenance de l'autorité de navigabilité indiquée à la case 1. - 2. Where the installer works in accordance with the national regulations of an airworthiness authority other than the authority specified in block 1, the installer must ensure that his/her airworthiness authority accepts products or maintenance from the airworthiness authority specified in block 1.

3. Les énoncés des cases 14 et 19 ne constituent en aucune façon une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit renfermer une certification de montage délivrée conformément à la réglementation de l'État d'immatriculation, et ce, avant que tout vol puisse avoir lieu. - 3. Statements 14 and 19 do not constitute installation certification. In all cases the aircraft technical record must contain an installation certification, issued in accordance with the national regulations of the state of registry, before the aircraft may be flown.

Engine

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 2

A/C REG: **N425KJ**A/C S/N: **518**DATE: **12/29/14**A/C TOTAL TIME: **656.7**HOUR METER: **656.7**W/O NO: **MWO-14-4729**ENGINE TOTAL TIME **656.7**

S.M.O.H.

1. Complied with an A+ Inspection per Socata TBM 850 Model Maintenance Manual chapter 5-20-02. Researched AD's through Bi-Weekly 2014-26.
2. Complied with the following special checks:
 - * 100 hour compressor power recovery wash in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 71-00-00.
 - * 400 hour fuel manifold adapters. Removed and reinstalled fuel manifolds after inspection. (Cleaned and Flow Checked) Ref. Dallas Airmotive (Washington, PA). W/O# RPR37718. Reinstalled manifolds in accordance with P&WC PT6A-66D M.M. P/N: 3070902, chapter 73-11-05. Performed borescope inspection of hot section. Operational and leak checks satisfactory. **Note: P&WC SB 14357R4 was complied with by Dallas Airmotive.**
 - * 400 hour oil change. Drained and reserviced with Exxon/BP 2380 turbine oil.
 - * 600 hour/1 year chip detector condition and operation.
3. Complied with minor, routine and 100 hour inspection items in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-00-00 Table 601.
4. Performed first stage compressor FOD inspection in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-30-05, found to be satisfactory.
5. Performed I.T.T. (T5) internal loop and insulation resistance checks in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 77-20-01, found to be satisfactory.
6. Obtained oil sample and oil filter rinse patch for analysis.

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Engine Cont'd

LOG BOOK ENTRY (CONT.)

Page 2 of 2

7. Applied Procyon corrosion preventative compound to engine inlet case in accordance with P&WC PT6A-66D M.M. P/N: 3070902 chapter 72-00-00.
8. Performed post inspection ground run and aircraft flight check. Operational and leak checks satisfactory.

WO NO.

MWO-14-4729

Columbia Air Services, Inc.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #5058204N, Work Order # **656.7**
I certify that this **Engine** has been inspected in accordance with an **A+** inspection per Socata TBM 850 Model M.M. chapter 5-20-02, and determined to be in airworthy condition. Permanent details of the inspection are on file at this facility.
Date: **12/29/14** A/C Total Time: **656.7**

Signature: 