

STATE OF ALASKA

Department of Public Safety
Division of Administrative Services



Caravan Hot Section Replacement

2023-1200-0116

Amendment # 8

January 26, 2023

This amendment is being issued to answer vendor questions.

Important Note to Offerors: You must sign and return this page of the amendment document with your proposal. Failure to do so may result in the rejection of your proposal. Only the ITB terms and conditions referenced in this amendment are being changed. All other terms and conditions of the ITB remain the same.

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COMPANY SUBMITTING PROPOSAL

AUTHORIZED SIGNATURE

DATE

Questions on the ITB

Question 1: Need to know:

- CT Disk P/N, S/N, along with projected Total Time, Total Cycles, TSO & CSO at time of hot section
- Minimum "Cycles Remaining" requirement for CT Disk being installed
- CT Vane P/N and flow class when last installed
- Compliance status for SB1749, SB1768, & SB1769
- Engine performance issues??? (speed, temperature, Tq, fluctuations, etc.)
- copies of the 8130 certifications

Answer: Replace SEC. 2.20 with the following and see attachments to this amendment:

N1323Y

This engine is a first run engine.

Times as of 12/8/22: ACTT 6250.7, ETSO 1527.2, ECSO 2461

Engine:

- Model PT6A-114A, GG SN PCE-PC2376, PS PC2376-100
- Engine “Born” 6/21/2020
- time engine installed 7/2/20, ACTT 4723.5
- Current engine TTSN 1527.2, TCSN 2461
- Compliant with SBs 1749, 1768, 1769
- Vane PN 3079351-01, Flow Class 15.73, (6.21)
- CT Disk PN 3013411, SN CRAZAFLW691 (New at install)
- Minimum cycles remaining for CT Disc to be installed is 3500

There are no current, known engine performance issues.

N70715

Times as of 12/8/22: ACTT 11156.9, ETSO 2831.8, ECSO 6350

Engine:

- Model PT6A-114A, GG SN PCE-PC0926, PS PC0926-100
- Engine overhauled 5/4/17
- Installed 6/14/18, ACTT 9726.5
- Current engine TSN 4881.4, ETCSN 3755, ETSO 2831.8, TCSO 2595
- Compliant with SBs 1749, 1768, 1769
- Vane PN 3079351-01, Flow Class 15.84 (6.21)
- CT Disk PN 3013411, SN A0011PEP
- Minimum cycles remaining for CT Disc to be installed is 3500

Question 2: Can we confirm they are wanting one trip to AK, a “Kit” installed, w/ Hot Section sign-off (open & shut case) per wording in ITB 2023-1200-0116

Answer: The state is looking for one trip per aircraft (two trips total) to perform the removal and replacement with serviceable hot sections; however, it is up to the Contractor to schedule and best utilize its resources to expedite the removal and replacement of the hot sections and minimize the aircraft’s downtime.

Changes to the ITB

Change 1: Clarify Sec. 1.03 Prior Experience that the bidder must be an FAA Certified Repair Station with PW PT6 engine series listed in capabilities listing and be able to produce an FAA 8130 **or** equivalent... Clarify in Sec 2.09 Scope of Work and Specifications that the contractor must be a Pratt & Whitney or Pratt & Whitney designated Approved Repair Facility.

1. Autorité de l'aviation civile/Pays qui approuve le bon de sortie Approving Civil Aviation Authority/Country <div style="text-align: center;">Transport Canada</div>		<div style="text-align: center;">13234</div> 2. BON DE SORTIE AUTORISEE - AUTHORIZED RELEASE CERTIFICATE <div style="text-align: center;">FORM ONE</div>		3. Numéro de suivi du formulaire - Form Tracking No. <div style="text-align: center;">SEE BLOCK 5</div>	
4. Nom et adresse de l'organisme - Organization Name and Address <div style="display: flex; align-items: center;"> <div> Pratt & Whitney Canada <small>Une société de United Technologies/A United Technologies Company</small> </div> </div>		Pratt & Whitney Canada Cie. / Pratt & Whitney Canada Corp. 4045 - 26 AVE. North Lethbridge, Alberta, Canada T1H 6G2		5. Bon de travail/Contrat/Facture - Work Order/Contract/Invoice <div style="text-align: center;">4001466432</div>	
6. Article - Item	7. Description	8. Numéro de pièce - Part Number	9. Qtée. - Qty.	10. Numéro de série/de lot - Serial/Batch Number	11. Situation/Travail - Status/Work
1	PT6A-114A TURBOPROP GAS TURBINE ENGINE	3044000 - BS750	1	PCE-PC2376	NEW
12. Remarques - Remarks CERTIFIES THAT THE ITEM IDENTIFIED ABOVE WAS MANUFACTURED IN CONFORMITY TO APPROVED DESIGN DATA AS IDENTIFIED IN THE CANADIAN TYPE CERTIFICATE NUMBER E-15, TO ITS UNITED STATES TYPE DESIGN APPROVED UNDER THE UNITED STATES FEDERAL AVIATION ADMINISTRATION (TYPE CERTIFICATE NUMBER E4EA, REVISION LEVEL 27, DATED 01 OCTOBER 2015), TO ITS EASA APPROVED TYPE CERTIFICATE NUMBER IM.E.094 AND TO ITS ANAC BRAZILIAN TYPE CERTIFICATE NUMBER 8005. THIS AIRCRAFT ENGINE IS FOUND TO BE IN A CONDITION FOR SAFE OPERATION AND HAS UNDERGONE A FINAL OPERATIONAL CHECK.					
13a. Le présent bon de sortie certifie que les articles indiqués ci-dessus ont été construits conformément à : Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> des données de conception approuvées et qu'ils peuvent être utilisés en toute sécurité. approved design data and are in condition for safe operation. <input type="checkbox"/> des données de conception non approuvées indiquées à la case 12. non approved design data specified in block 12.			<div style="border: 1px solid black; padding: 5px;"> 14a. <input type="checkbox"/> RAC 571.10 (certification après maintenance) - CAR 571.10 Maintenance Release. <input type="checkbox"/> Autre réglementation précisée à la case 12. - Other regulations specified in block 12. Le présent bon de sortie certifie que, sauf indication contraire à la case 12, le travail indiqué à la case 11 et décrit à la case 12, a été effectué conformément au Règlement de l'aviation canadien. Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations. </div>		
13b. Signature <div style="float: right; text-align: right;">T.C. 4-58 NO. 123</div>		13c. Numéro de l'organisme agréé Approved Organization Number <div style="text-align: center;">4-58</div>		14b. Signature <div style="text-align: center;">S/O - N/A</div>	
13d. Nom - Name <div style="text-align: center;">R. WEISTRA</div>		13e. Date (jj/mm/aaaa - dd/mm/yyyy) <div style="text-align: center;">21 JUN 2020</div>		14d. Nom - Name <div style="text-align: center;">S/O - N/A</div>	
14c. Numéro de l'organisme agréé Approved Organization Number <div style="text-align: center;">S/O - N/A</div>		14e. Date (jj/mm/aaaa - dd/mm/yyyy) <div style="text-align: center;">S/O - N/A</div>			

P&WC 5720 (2017-09) - QMSP 10-02

*Le monteur doit contre-vérifier l'admissibilité avec les données approuvées - * Installer must cross-check eligibility with approved data -

RESPONSABILITÉS DU MONTEUR - INSTALLER RESPONSIBILITIES

1. Le présent bon de sortie ne constitue pas une autorisation de montage. - 1. This certificate does not constitute authority to install.

2. Le monteur qui travaille conformément à la réglementation d'un pays autre que celui spécifié à la case 1 doit s'assurer que la réglementation en question reconnaît la certification du pays ainsi spécifié. - 2. Installers working in accordance with the national regulations of a country other than specified in block 1 must ensure that their regulations recognize certifications from country specified. 3. Les déclarations des cases 13a et 14a ne constituent pas une certification du montage. Dans tous les cas, le dossier technique de l'aéronef doit inclure une certification de montage délivrée conformément à la réglementation nationale qui s'applique, avant que l'aéronef puisse voler.

3. Statements in block 13a and 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.

13237

Numéro du dessin ST3582-01 - Drawing Number ST3582-01



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Cie. /
Pratt & Whitney Canada Corp.
1000, Marie-Victorin
Longueuil, Québec
Canada J4G 1A1

P&WC JR3-6834-E [6834] (2012-10)



Désignation du matériel Material Name		Code de traitement thermique Heat Code		Emis le (A-M-J) Issue Date (Y-M-D)	
DISC-TURBINE, COMPRESSOR		ZAFLW		2020.06.21	
N° du matériel Material No.	N° de série du matériel Material Serial No.	N° de série du mat'l. forgé Forging Mat'l. Serial No.	Temps depuis neuf Time Since New	Cycles depuis neuf Cycles Since New	
3013411	CRAZAFLW691	691	0	0	

Nota : Pour connaître les durées de vie accumulée et résiduelle du matériel, consulter le Manuel d'entretien du moteur ou le Bulletin de service approprié, selon le cas.

Note: For determination of accumulated and remaining lives on this material, refer to the engine Maintenance Manual or Service Bulletin, as applicable.

[illegible]

Insérer le présent historique dans le livre du moteur ou du module où la pièce est installée. - This record must be kept with the engine/module logbook where this part is installed.

1. Approving Civil Aviation Authority/Country Transport Canada		2. ⁷⁰⁷¹⁵ AUTHORIZED RELEASE CERTIFICATE FORM ONE		3. Form Tracking No. ARCS1014904	
4. Organization name and address  StandardAero STANDARD AERO LTD 33 ALLEN DYNE ROAD WINNIPEG, MANITOBA, CANADA, R3H 1A1 AMO 22-58				5. Work Order/Contract/Invoice S312146	
6. Item 01	7. Description PT6A-114A	8. Part No. 3044000	9. Qty. 1	10. Serial/batch No. PCE-PC0926	11. Status/Work Overhauled
12. Remarks TSN: 3454.9 TSO: 0.0 CSN: 3755 CSO: 0 Pratt & Whitney PT6A-114A Engine S/N PCE-PC0926 has been overhauled and tested in accordance with Pratt & Whitney Overhaul Manual 3021243 Dated October 10, 2016 and the current maintenance rules of the Canadian Aviation Regulations. The product is approved for return to service in compliance with CAR 571. RDC repairs incorporated: C-RE96-204 PT6 Aeroblue Coating Substitute for Sema Tech Process 5380DP The engine is comprised of the following components: Gas Generator S/N PCE-PC0926 TTSN 3454.9 TSOV 00.0 TCSN 3755 CSO 00 Power Section S/N PC0926-100 TTSN 3454.9 TSOV 00.0 TCSN 3755 CSO 00 All pertinent details of work performed are on file at this organization under Work Order S312146.					
13a. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			14a. <input checked="" type="checkbox"/> CAR 571.10 Maintenance release. <input type="checkbox"/> Other regulations specified in block 12. Certifies that, except where otherwise specified in block 12, the work identified in block 11 and described in block 12 was performed in accordance with Canadian Aviation Regulations.		
13b. Signature N/A		13c. Approved Organization Number N/A		14b. Signature 	
13d. Name N/A		13e. Date (dd/mm/yyyy) N/A		14c. Approved Organization Number AMO 22-58	
				14d. Name FRANK PERALTA	
				14e. Date (dd/mm/yyyy) 04-May-2017	

1. This document does not constitute authority to install part.
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. Statements 13a and 14a 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.

(Previously Form 24-0078)

70715



P6 COMPRESSOR TURBINE DISK HISTORY RECORD

				DATE MAY 04 2017		INSPECTOR <i>Pratt</i>			
PART NUMBER	SERIAL NUMBER	ORIG. DIAM.	HEAT CODE	BROUGHT FORWARD			PREVIOUS TIME WITHOUT SB1188		
				DISK TIME SINCE NEW	DISK CYCLES SINCE NEW	F M ENG. SERIAL			
3013411	ADD11PEP	6.2917	P2BBR	—	3755	—	N/A		
ENGINE DATA				DISK DATA					
ENGINE SERIAL NUMBER	DISK INSTALLED		SB 1188 Yes/No n/a	DISK REMOVED		TIME THIS INSTALLATION	TOTAL TIME TO DATE	CYCLES THIS INSTALLATION	TOTAL CYCLES TO DATE
	DATE	ENG. TOT TIME SINCE NEW		DATE	ENG. TOT TIME SINCE NEW				
PE-PC0926	05/04/17	3454.9	N/A						

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