



Pratt & Whitney Canada Corp.
1000 Marie-Victorin
Longueuil, Quebec, Canada J4G 1A1
(450) 677-9411

Letter 725006-AL-021
Rev: 03

October 7, 2024

Atech Turbine Components

1 St. Mark Street
Auburn,
MA 01510

RE: Confirmation of the following Repair Development Approval:

Approval of the for the Remanufacture of Segment Retaining Groove Area on the Compressor Turbine Shroud Housing of the PT6 series to the listed part numbers in the attached appendix 1.

Dear All:

This is to confirm that,

Atech Turbine Components

1 St. Mark Street
Auburn,
MA 01510

has demonstrated to our satisfaction that it has the necessary knowledge, skills, facilities and controls to successfully perform **Compressor Turbine Shroud Housing, Remanufacture Of Segment Retaining Groove Area** on the part numbers listed in Appendix 1.

The demonstrated process is defined as **Appendix 1**, a copy of which has been deposited with Pratt & Whitney Canada Corp. (P&WC), MRO Component Engineering. This copy will be the document of reference in any dispute. Significant changes to, or deviations from, this process are not permitted without the written approval of the P&WC MRO Component Engineering. Refer to Appendix 2 for list of significant changes related to this process.

WARNING

-

PROPRIETARY

NOTICE

This document is the property of Pratt & Whitney Canada Corp. ("P&WC"). You may not possess, use, copy or disclose this document or any information in it, for any purpose, including without limitation to design, manufacture, or repair parts, or obtain FAA or other government approval to do so, without P&WC's express written permission. Neither receipt nor possession of this document alone, from any source, constitutes such permission, use, copying or disclosure by anyone without P&WC's express written permission is not authorized and may result in criminal or civil liability.



Pratt & Whitney Canada Corp.
1000 Marie-Victorin
Longueuil, Quebec, Canada J4G 1A1
(450) 677-9411

Letter 725006-AL-021

Rev: 03

Atech Turbine Components

The intent of processes in **Appendix 1** will be reflected in the applicable engine Overhaul Manuals. This letter is an authorization to proceed pending issue of the revision of the applicable P&WC manual.

Use of this authorization is subject to compliance with local airworthiness authority requirements and all certificates issued for any given part repaired, with the process number.

Any additional part numbers will require P&WC's written approval.

Failure to maintain satisfactory controls and quality, to provide adequate service, or to adhere to the executed Repair Process Agreement, could result in loss of this approval and deletion of the supplier's name from the applicable P&WC publication(s).

This Approval Letter reference number **725006-AL-021** is subject to the terms and conditions of the Repair Process Agreement in place with Pratt & Whitney Canada. Revalidation of Approval Letter **725006-AL-021** will be required after twenty-four (24) consecutive months of inactivity of this specific repair.

Yours truly,

PRATT & WHITNEY CANADA CORP

This Letter has been electronically approved in accordance with the Customer Support Operating Procedure P3

Louis Petitclerc

Manager

MRO Component Engineering



Pratt & Whitney Canada Corp.
 1000 Marie-Victorin
 Longueuil, Quebec, Canada J4G 1A1
 (450) 677-9411

Letter 725006-AL-021
Rev: 03

Atech Turbine Components

REVISION HISTORY

Rev	Changes
03	Revision dated 07 Oct 2024 by Grzegorz Tonderys <ul style="list-style-type: none"> - Repair scheme CT-1029J created for new PN 3057018-01 (Group C) - Updated to latest template AL format - Appendix 1 updated, Table 2 added
02	Revision issue dated May 2nd , 2023 by Mario Alain <ul style="list-style-type: none"> - Supplier processes CT-1029F and CT-1057Q updated
01	Revision issue dated July 16th 2021 by David Desautels: <ul style="list-style-type: none"> - New AL template used - SRR rev. & IR documents were updated previously in 2016 - Suppliers processes were updated to cover more PNs according to SRR & IR latest revisions - Appendix 1 was updated to present all the PNs, Engine models & processes related - Significant Operations: updated to be aligned with SRR latest rev.12
00	Original issue dated Oct 26th 2010 by Mario Alain

Export Controls level applicable:

EXPORT CONTROL CLASSIFICATION

DATE OF MARKING: (YYYY-MM-DD)	2024-10-07	BADGE: (XX#####)	P526723
-------------------------------	------------	------------------	---------

Check this box if the document contains **no technical data.**

OR

Summarize the export classification of this document as instructed below.

<p>Classifications must always be provided for U.S. and Outside U.S. boxes.</p> <p>When the person completing the grid is physically located outside of the U.S., the local classifications must also be provided.</p>	CLASSIFICATION		
	LOCATION	U.S. REGULATION	
		EAR	ITAR
	U.S.	P-ECCN	P-USML
	OUTSIDE U.S.	ECCN	USML
		LOCAL REGULATION	
	CANADA	EIPA (ECL)	DPA (CG)
		Document may be DPA controlled if EIPA value starts with "2" or either ITAR box contains any value other than "NSR".	



Atech Turbine Components

Pratt & Whitney Canada Corp.
 1000 Marie-Victorin
 Longueuil, Quebec, Canada J4G 1A1
 (450) 677-9411

Letter **725006-AL-021**

Rev: **03**

Appendix 1 (1 of 2)

Table 1: List of applicable Part Numbers

Group (Ref. 725006-SR-021 Para 10.3 Figures)	PNs
A (Fig.1)	3030054
B (Fig.2)	3030710, 3031157, 3100121-01, 3100121-02, 3100122-02, 3100122-04, 3110564-01
C (Fig.3)	3118089-01, 3115214-01, 3117498-01, 3057018-01
D (Fig.4)	3118760-01, 3117353-01, 3104919-01, 3104983-01, 3104986-01, 3104986-02, 3112398-01, 3114464-01, 3113380-01, 3100348-01
E (Fig.5)	3120084-01
F (Fig.6)	3109454-01, 3116845-01
G (Fig.7)	3072898-01



Pratt & Whitney Canada Corp.
 1000 Marie-Victorin
 Longueuil, Quebec, Canada J4G 1A1
 (450) 677-9411

Letter 725006-AL-021
Rev: 03

Atech Turbine Components

Appendix 1 (2 of 2)

P/N	Repair Scheme Rev. / Date	Forging P/N	Replacement Ring P/N	EB Weld Fixture	Weld Schedule
Group A					
3030054	CT-1001G Rev. 01 3/1/21	ATC 117-1	ATC 181-1	ATCEB02 or ATCEB222	EC18109
Group B					
3030710	CT-1002J Rev. 01 3/1/21	ATC 117-1	ATC 181-1	ATCEB03 or ATCEB322	EC18109
3031157	CT-1002Q Rev. 01 3/1/21	ATC 117-2	ATC 181-2	ATCEB03 or ATCEB322	EC18109
3100121-01	CT-1002I Rev. 01 3/1/21	ATC 117-1	ATC 181-1	ATCEB03 or ATCEB322	EC18109
3100121-02	CT-1002K Rev. 01 3/1/21	ATC 117-1	ATC 181-1	ATCEB03 or ATCEB322	EC18109
3100122-02	CT-1002L Rev. 01 3/1/21	ATC 117-2	ATC 181-2	ATCEB03 or ATCEB322	EC18109
3100122-04	CT-1002N Rev. 01 3/1/21	ATC 117-2	ATC 181-2	ATCEB03 or ATCEB322	EC18109
3110564-01	CT-1002O Rev. 01 3/1/21	ATC 117-2	ATC 181-2	ATCEB03 or ATCEB322	EC18109
Group C					
3118089-01	CT-1029F Rev. 02 3/1/23	ATC 117-3	ATC 181-3	ATCEB04 or ATCEB433	JL45314
3115214-01	CT-1029H Rev. 00 3/1/21	ATC 117-5	ATC 181-5	ATCEB423	JL164829
3117498-01	CT1029I Rev. 00 3/1/21	ATC 117-3	ATC 181-6	ATCEB423	JL164830
3057018-01	CT1029J Rev. 00 7/10/24	ATC 117-3	ATC 181-3	ATCEB04 or ATCEB433	JL45315
Group D					
3118760-01	CT-1064B Rev. 01 3/1/21	ATC 117-2	ATC 181-2	ATCEB342	EC18109
3117353-01	CT-1057N Rev. 00 3/1/21	ATC 117-2	ATC 181-2	ATCEB342	EC18109
3104919-01	CT-1057F Rev. 00 3/1/21	ATC 117-4	ATC 181-7	ATCEB544	JL164827
3104983-01	CT-1057G Rev. 00 3/1/21	ATC 117-4	ATC 181-7	ATCEB644	JL164827
3104986-01	CT-1057H Rev. 00 3/1/21	ATC 117-4	ATC 181-7	ATCEB624	JL164827
3104986-02	CT-1057I Rev. 00 3/1/21	ATC 117-4	ATC 181-7	ATCEB624	JL164827
3112398-01	CT-1057J Rev. 00 3/1/21	ATC 117-4	ATC 181-7	ATCEB624	JL164827
3114464-01	CT-1057K Rev. 00 3/1/21	ATC 117-4	ATC 181-7	ATCEB644	JL164827
3113380-01	CT-1057L Rev. 00 3/1/21	ATC 117-4	ATC 181-7	ATCEB644	JL164827
3100348-01	CT-1057R Rev. 00 3/1/21	ATC 117-2	ATC 181-2	ATCEB222	EC18109
Group E					
3120084-01	CT-1057E Rev. 00 3/1/21	ATC 117-6	ATC 181-4	ATCEB645	JL164830
Group F					
3109454-01	CT-1057O Rev. 00 3/1/21	ATC 117-5	ATC 181-9	ATCEB442	JL164828
3116845-01	CT-1057P Rev. 00 3/1/21	ATC 117-5	ATC 181-9	ATCEB442	JL164828
Group G					
3072898-01	CT-1057Q Rev. 01 3/1/23	ATC 117-7	ATC 181-8	ATCEB433	JL164831



Pratt & Whitney Canada Corp.
 1000 Marie-Victorin
 Longueuil, Quebec, Canada J4G 1A1
 (450) 677-9411

Letter 725006-AL-021
Rev: 03

Atech Turbine Components

Table 2

Type Certificate Numbers and Engine Models related to applicable Part Numbers, for reference only. [See TCCA website to consult type certificates.](#)

E-6	E-10	E-12	E-13	E-21	E-20
PT6A-34	PT6T-3	PT6A-41	PT6A-25C	PT6A-64	PT6B-36
PT6A-34AG	PT6T-3B	PT6A-42		PT6A-66	PT6B-36A
PT6A-36	PT6T-3BE	PT6A-42A		PT6A-66A	PT6B-36B
PT6A-41AG	PT6T-3BF	PT6A-45		PT6A-66B	PT6B-37
	PT6T-3BG	PT6A-45A		PT6A-66D	PT6B-37A
	PT6T-3D	PT6A-45B	E-15	PT6A-67	
	PT6T-3DE	PT6A-45R	PT6A-114	PT6A-67A	E-24
	PT6T-3DF	PT6A-52	PT6A-114A	PT6A-67AF	PT6A-68
	PT6T-6	PT6A-60A	PT6A-135	PT6A-67AG	PT6A-68B
	PT6T-9	PT6A-60AG	PT6A-135A	PT6A-67B	PT6A-68C
		PT6A-61	PT6A-140	PT6A-67D	PT6A-68D
		PT6A-62	PT6A-35	PT6A-67E	PT6A-68T
		PT6A-65AG	PT6A-116	PT6A-67F	
		PT6A-65AR	PT6D-114A	PT6A-67P	
	E-14	PT6A-65B		PT6A-67R	E-32
	PT6A-50	PT6A-65R		PT6A-67T	PT6C-67A
		PT6A-65SC		PT6A-67RM	PT6C-67C
				PT6E-67XP	PT6C-67C1
					PT6C-67D
					PT6C-67E
					PT6B-67A



Pratt & Whitney Canada Corp.
1000 Marie-Victorin
Longueuil, Quebec, Canada J4G 1A1
(450) 677-9411

Letter: 725006-AL-021

Rev: 03

Atech Turbine Components

Appendix 2

Following is a list of Significant Operations related to this approved process. Changes to these operations will be considered significant.

Significant Process Changes may not be limited to changes to the following operations and can be defined as a change in the repair process of an item that could degrade or improve the quality, durability or performance of the item, or that could affect the subsequent processing. The integrity of the process must be maintained with the significant process changes. Such changes shall be documented and must be approved by P&WC MRO Component Engineering.

Welding technique
Heat Treatment