



GO BEYOND

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

Letter GenTBC-AL-002

Rev: 13

July 04th, 2024

Atech Turbine Components Inc.

1 Saint Mark St
Auburn, MA 01501
USA

RE: Confirmation of the following Repair Development Approval:

Approval of the Facility for the TBC Restoration on the Combustion Liners, Inner Liners, Outer Liners, Small Exit Ducts & Large Exit Ducts of the PT6 models, Inner Liners, Outer Liners & Small Exit Ducts of the PW100 models, Small Exit Ducts of the PW150 models, Inner Liners & Outer Liners of the PW200 models, Outer Liners of the PW901 models and Inner Liner of the PT6C to the listed part numbers in the attached appendix.

Dear Sirs:

This is to confirm that,

Atech Turbine Components Inc.

1 Saint Mark St
Auburn, MA 01501

have demonstrated to our satisfaction that they have the necessary knowledge, skills, facilities and controls to successfully perform **TBC Restoration** on the part numbers listed in appendix 1.

The demonstrated process is defined as **P100 Rev: 09** dated **May 23, 2024** a copy of which has been deposited with Pratt & Whitney Canada Corp., Repair Development 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 Pratt & Whitney Canada Repair Development Manager. Refer to appendix 2 for list of significant changes related to this process.

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The intent of processes **P100** will be reflected in the applicable engine Overhaul Manuals or CIR Manual. This letter is an authorization to proceed pending issue of the above revision. Use of this authorization is subject to compliance with local airworthiness authority requirements and all certificates issued for a given part repaired with the subject process must reflect the process number. Any subsequent part numbers introduced beyond those indicated in this letter require P&WC's specific 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 Overhaul Manuals, CIR Manual or SB as applicable.

Revalidation of this approval will be required after two (2) years of inactivity.

Yours truly,

PRATT & WHITNEY CANADA CORP

This Letter has been electronically approved in accordance with P&WC Customer Support Operating Procedures

Louis Petitclerc

Manager

MRO Component Engineering

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REVISION HISTORY

Rev	Changes
13	Revision dated July 4th, 2024 by Mario Alain <ul style="list-style-type: none"> Repair process P100 has been updated as per the 724002-SRR-007 Rev.22
12	Revision dated May 22, 2024 by Mario Alain <ul style="list-style-type: none"> Repair process revised as per 724002-SRR-007 rev. 22
11	Revision dated September 27, 2022 by Mario Alain <ul style="list-style-type: none"> -Repair process revised as per 724002-SRR-007 Rev. 19
10	Revision dated March 5, 2020 by David Desautels, reviewed by E. Paille to: <ul style="list-style-type: none"> Add PT6A Outer Liner new part numbers: 3127087-01 and 3127356-01
09	Revision dated August 13, 2019 by Julien Dorion, reviewed by P. Tremblay to: <ul style="list-style-type: none"> Add PT6A Outer Liner new part numbers: 3079486-01, 3127192-01, 3127166-01, 3127354-01 & 3127355-01
08	Revision dated March 20th 2019 by Julien Dorion and reviewed by Alan T Shaw to: <ul style="list-style-type: none"> Add PT6A Outer Liner new part number to the SRR: 3056143-01 Change the name of the Component Repair Development Manager
07	Revised date May 11th 2017 by Mohamed Baiazid <ul style="list-style-type: none"> Add PT6A-140 CC Liner part numbers to the SRR Change the Name of the Repair Development Engineering manager.
06	Revision dated November 4th 2016 by David Desautels to: <ul style="list-style-type: none"> Include additional PT6A CC Outer Liner and PT6A CC SED part numbers Add PT6C CC Inner Liner and PT6C CC Outer Liner new part numbers Update Engine DAA name
05	Revision dated January 21st 2015 by Maxwell Ku to: <ul style="list-style-type: none"> Include additional PT6 LED, PT6 Combustion Liner, PW100 Outer Liner and PW100 SED part numbers Add PW901A/C Outer Liner Update to latest AL format Update RDE manager name and Engine DAA name Update Supplier Code
04	Revision dated March 1st 2011 by Mario Alain to: <ul style="list-style-type: none"> Add PW200 Outer Liner P/N 3044926-01
03	Revision dated February 25th 2011 by Mario Alain to: <ul style="list-style-type: none"> Add PW200 Inner Liner P/N 3044924-01
02	Revision dated September 10th 2010 by Mario Alain to:

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	<ul style="list-style-type: none"> Add PW150 SED P/N 3072344
01	Revision dated January 22nd 2010 by Terry Shaw to: <ul style="list-style-type: none"> Update P/Ns and Models in Appendix 1 Reflect process revision which updated ref. documents Update to latest AL format
00	Original issue dated March 6th 2003 by Daniel Rompré

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Appendix 1
List of applicable Part Numbers

PT6 Small Exit Duct (725002-SRR-001 rev. 04)		
3038305	3039247	3040130
3040131	3040447	3040448
3100591-01	3100591-03	3102548-01
3105708-01	3107747-02	3113397-01
3114465-01	3116793-01	3116844-01
3117499-01	3117933-01	3120618-01
3123302-01	3120618-01	3123302-01
PT6 Small Exit Duct (725002-SRR-002 rev. 04)		
3015589	3018652	3022685
3026776	3026930	3026975
3029122	3029123	3029248
3031182	3031183	3100591-02
3100953-01	3108899-01	
PT6 Large Exit Duct (725008-SRR-006 rev. 04)		
3030334	3108470-01	3100224-01
3037772	3016062	3018651
3022582	3024312	3024312 (SB3236)
3024470	3024474	3025540
3026934	3026972	3026972 (SB3236)
3027098	3030303	3030303 (SB3236)
3030713	3030849	3031143
3031153	3031154	3031595
3031595 (SB3236)	3031707	3031707 (SB3236)
3030318	3030318 (SB3236)	3030059
3031167	3109263-01	3109263-02
3115729-01	3076329-01	
PT6 Inner Liner (724003-SRR-002 rev. 06)		
3038147	01R3038147	3102514-01
3112748-01	3116790-01	
PT6 Inner Liner (724003-SRR-003 rev. 03)		
3110179-01	3114842-01	

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PT6 Outer Liner (724002-SRR-007 rev. 22)		
3104020-01	3106006-01	3106377-01
3038148	01R3038148	02R3038148
3112652-01	3113294-01	3115834-01
01R3115834-01	3115835-01	01R3115835-01
3055434-01	3055435-01	3055657-01
3055663-01	3070035-01	3070268-01
3123553-01	3079489-01	3079486-01
3127192-01	3127166-01	3127354-01
3127355-01	3127087-01	3127356-01
01R3070035-01	01R3070268-01	01R3123553-01
01R3055435-01	01R3055657-01	01R3079489-01
02R3115835-01	01R3055434-01	01R3055663-01
01R3079486-01	01R3113294-01	02R3115834-01
PT6 Outer Liner (724002-SRR-008 rev. 05)		
3055667-01	3110188-01	3114850-01
3056143-01		
PT6 Combustion Liner (724001-SRR-014 rev. 02)		
3054444-01	3059267-01	3076302-01
3117169-01	3117745-01	3118762-01
3126114-01	3059034-01	
PW100 Inner Liner (1724001-SRR-011 rev. 03)		
3106163-01	3112377-01	3048934-01
PW100 Outer Liner (1724002-SRR-007 rev. 03)		
3037288	3037288 (SB20763)	3040075
3040078	3040442	3040443
3105431-01	3105431-01 (SB20763)	01R3105431-01
3106021-01	3106021-01 (SB20763)	3110774-01
3112378-01	3112378-01 (SB21598)	3112379-01
3112379-01 (SB21598)	3052957-01	3052959-01
3053134-01	3053153-01	
PW100 Small Exit Duct (1724003-SRR-002 rev. 02)		
3040610	3040612	3040613
3105385-01	3108628-01	3111551-01
3111554-01	3113687-01	3044866-01 <i>(water jet strip only)</i>
PW150 Small Exit Duct (CPW 672)		
3072344-01		

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PW200 Inner Liner (CPW 385)		
3044924-01		
PW200 Outer Liner (CPW 385)		
3044926-01		
PW901 Outer Liner (492609-SRR-002 rev. 00)		
3900912-01	3910140-01	3911193-01
3911194-01		
PT6C-67C Inner Liner (GEN TBC-SRR-001 rev.02)		
3048823-01		
PT6C-67C Outer Liner (GEN TBC-SRR-001 rev.02)		
3050790-01		

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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 the Repair Development.

Stripping Method
Plasma Schedule