



August 2, 2018

Atech Turbine Components, Inc.

1 St. Mark Street
Auburn , MA
USA, 01501

RE: Confirmation of the following Repair Development Approval:

Approval of the Facility for Replacement of Heat Shield on the Small Exit Duct – Combustion Chamber of the PT6A-41, PT6A-45A, PT6A-50, PT6A-42, PT6A-45B, PT6A-45, PT6A-45R, PT6T-3B, PT6T-6, PT6A-42A models to the listed part numbers in the attached appendix.

Dear Sirs:

This is to confirm that,

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have demonstrated to our satisfaction that they have the necessary knowledge, skills, facilities and controls to successfully perform **Replacement of Heat Shield on the Small Exit Duct – Combustion Chamber** on the part numbers listed in appendix 1.

The demonstrated process is defined as **SD-1004F** Rev: 0 dated **1th May 2018** 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 process **SD1004-F** will be reflected in the applicable engine 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 the Customer Support Operating Procedure P3

Jean-Philippe Legendre
Manager
Component Repair Development

Peter Boyd
Customer Support DAA
DAA# 13 / DAO # 93-Q-01

C/C	R. Pelletier	PT6A DAA
	M. Chabot	PT6T DAA

REVISION HISTORY

Rev	Changes
00	Original issue dated 02 August 18, by P. Tremblay

Export Controls level applicable:

Export Control Classification		
Contains no technical data <input checked="" type="checkbox"/>		
<p>* Data is subject to the jurisdiction of the Export and Import Controls Bureau of the Department of Foreign Affairs and International Trade of Canada, Department of Commerce of the United States and/or Department of State of the United States.</p> <p>** Data is not subject to the jurisdiction of the Department of Commerce of the United States or Department of State of the United States but would become subject if exposed to any US involvement.</p> <p>*** Polish / European Union jurisdiction</p>	Regulation	Classification Number
	Canadian ECL (s) *	
	ECCN(s) *	
	P-ECCN(s) **	9E991
	USML (ITAR) *	
	P-USML **	
	PL/UE ***	
<p><i>dd-mm-yyyy</i> Date: 08-08-2018 Badge: P928697</p>		

Atech Turbine Components, Inc.

Appendix 1

List of applicable Part Numbers

3029122	3029123	3031182
3031183	3100591-01	3100591-02
3100591-03		

Atech Turbine Components, Inc.

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.

Welding Technique
Filler material
Heat treatment

Appendix 3

(For internal use only)

Information to be entered in the Approved Repairs Database.

Database location: V-room collaboration space "Approved Repairs Database SCM"

Supplier Name: Atech Turbine Components, Inc.		
Supplier Code: 1XXD7		
Process No.: SD-1004F	Revision: 0	
Date of latest revision: 1 May 2018	Date of Approval: 2th of August	
Part Name: Small Exit Duct	Engine Model: PT6A-41, PT6A-45A, PT6A-50, PT6A-42, PT6A-45B, PT6A-45, PT6A-45R, PT6T-3B, PT6T-6, PT6A-42A	
SRR No.: 725502-SRR-006	Revision: 0	
SR No. 725502-SR-003	Revision: 0	
EC required : Yes	PWC DCR No : N/A	Job No.: 55-2383
EC description: Update Supplier list in repair 99		
Repair description: Replacement of Small Exit Duct Heat Shield		

List of applicable Part Numbers and Replacement Details required for the repair

Assemblies and sub-assemblies			Replacement Detail(s) (if applicable) (See note 1)
Top	Sub-assy 1	Sub-assy 2	
			3100590-01

Notes:

1. Indicate only replacement details required for this specialized repair. Do not list convenient MD created by plant 05 from our MD. Only the MD or 3M supported by plant 17 should be listed.
2. If a generic repair is also performed for convenience within the scope of this specialized repair, do not indicate the details replaced by this generic repair.