



**October 26, 2010**

**Atech Turbine Components  
1 St. Mark Street  
Auburn,  
MA 01510**

**RE: Confirmation of the following Repair Development Approval:**

**Approval of the Facility for the Remanufacture of Segment Retaining Groove Area on the Compressor Turbine Shroud Housing of the PT6, ST6 and T400 various models to the listed part numbers in the attached appendix.**

Dear Sirs:

This is to confirm that,

**Atech Turbine Components  
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have demonstrated to our satisfaction that they have 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 processes listed in Appendix 2 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 3 for list of significant changes related to this process.

## Atech Turbine Components

The intent of processes listed in Appendix 2 will be reflected in the applicable engine Overhaul Manuals or CIR Manual as applicable. 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 or CIR Manual 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

Aline Miquet  
Manager  
Repair Development Engineering

Gerry Whitty  
Customer Support DAA  
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C/C

S. Bhola  
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Engine DAA  
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## REVISION HISTORY

Rev	Changes
00	Original issue October 26, 2010 by Mario Alain

This document contains no technical data  or complete the following section:

## EXPORT CLASSIFICATION

Classification	Instructions: Complete 1 and at least one of 2-5. If unsure contact your BAER.
1. Canadian ECL (s):	Put NLR (No License Required) if this contains no ECL controlled technical data or replace with actual classification (e.g. 1-9.E.3.a.3)
2. ECCN(s):	Contains US origin civil/dual-use data (e.g. 9E991, 9E003) <b>Leave blank if not US data.</b>
3. P-ECCN(s):	<b>Do not use if you provided an ECCN.</b> Contains only non-U.S. origin civil/dual-use data (e.g. 9E991, 9E003)
4. ITAR	Contains U.S. origin ITAR controlled technical data (e.g. VIII(i)). <b>Leave blank if not US data.</b>
5 P-USML:	Contains non U.S. origin technical data equivalent to USML (e.g. VIII(i)). <b>Do not use if you provided an ITAR classification.</b>

## Atech Turbine Components

## Appendix 1

## List of applicable Part Numbers

GROUP	P/N	APPLICABLE ENGINE MODELS
A	3026936, 3030054	PT6A-135, PT6A-34AG, PT6A-34, PT6A-25C, PT6A-36, PT6A-34B, PT6A-114, PT6A-135A, PT6A-114A, PT6D-114A, PT6A-35, ST6L-792, ST6T-76, ST6L-794, ST6L-795, ST6L-73, T400-CP-400, T400-CP-401, T400-WV-402
B	3026958, 3030710, 3031157, 3100121-01, 3100121-02, 3100122-02, 3100122-04, 3110564-01	PT6A-50, PT6A-41, PT6A-45A, PT6A-42, PT6A-45B, PT6A-45R, PT6A-42A, ST6L-812, ST6L-813, PT6A-38, PT6A-45
C	3118089-01	PT6A-67, PT6A-66, PT6A-67R, PT6A-67A, PT6A-67AF, PT6A-67B, PT6A-67D, PT6A-64, PT6A-68, PT6A-67AG, PT6C-67C, PT6A-67F, PT6A-66A, PT6A-67T, PT6A-68C, PT6C-67D, PT6A-66D, PT6A-66B
D	3118760-01	PT6B-36A, PT6B-36B, PT6T-3D, PT6T-3DE, PT6T-3DF, PT6B-37A

## Atech Turbine Components

## Appendix 2

## List of Repair Processes

**Work Plan No: CT-1001I:**

Process for manufacturing Forging ATC 117-1, Hast X  
Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3026936, 3030054, 3026958,  
3030710, 3100121-01, 3100121-02

**Work Plan No: CT-1029G:**

Process for manufacturing Forging ATC 117-3, Hast S  
Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3108089-01

**Work Plan No: CT-1001G:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3030054

**Work Plan No: CT-1002H:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3026958

**Work Plan No: CT-1002J:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3030710

**Work Plan No: CT-1002L:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3100122-02

**Work Plan No: CT-1002O:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3110564-01

**Work Plan No: CT-1029F:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3108089-01

**Work Plan No: CT-1002P:**

Process for manufacturing Forging ATC 117-2, Inco 625  
Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3031157, 3100122-02,  
3100122-04, 3110564-01, 3118760-01

**Work Plan No: CT-1001H:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3026936

**Work Plan No: CT-1002I:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3100121-01

**Work Plan No: CT-1002K:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3100121-02

**Work Plan No: CT-1002N:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3100122-04

**Work Plan No: CT-1002Q:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3031157

**Work Plan No: CT-1064B:**

Revision 00 Dated Sep. 23, 2010  
**Applicable Part Numbers:** 3118760-01

### Appendix 3

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
Heat treatment
Sub-contract work