

**T-812 Service Bulletin**

<b>Subject:</b>	Alternative Method of Compliance (AMOC) of General Applicability to Airworthiness Directive (A.D.) 2014-17-08R1.
<b>Part Numbers:</b>	P/N E3045741-01 - - Blade, Compressor Turbine (CT)
<b>Installation(s):</b>	Pratt & Whitney Canada PT6A-114, PT6A-114A Models
<b>Revision History:</b>	IR – Dated 11/16/2016 Initial Release
<b>Reason:</b>	To provide an alternative method of compliance (AMOC) to AD 2014-17-08R1 actions.
<b>Description:</b>	AMOC Permits continued operation of EXTEX replacement CT Blade P/N E3045741-01
<b>Applicability:</b>	EXTEX PMA replacement CT Blades P/N E3045741-01 that have ever been operated in, that are currently installed in, or will be installed in, Pratt & Whitney Canada model engines PT6A-114, PT6A-114A.
<b>Accomplishment Instructions:</b>	<p>All references to CT blades are to EXTEX CT blade P/N E3045741-01 only. For each engine when you are using this AMOC, record information on the page 2 form of this document (Appendix A) and return to EXTEX Customer Service.</p> <p>In lieu of A.D. 2014-17-08R1 paragraph (e)(1): The periodic inspection requirements are as follows.</p> <ol style="list-style-type: none"> <li>a. For CT blades installed prior to October 8, 2014; perform the initial borescope inspection (BSI) of the CT blade leading and trailing edges per A.D. 2014-17-08R1 paragraph (e)(1)(i). Repeat the BSI within every 500 hours since the previous BSI per A.D. 2014-17-08R1 paragraph (e)(1)(ii).</li> <li>b. For new CT blades installed after October 8, 2014; perform the initial borescope inspection (BSI) of the CT blade leading and trailing edges within 500 operating hours per A.D. 2014-17-08R1 paragraph (e)(1)(i)(B). Repeat the BSI within every 500 hours since the previous BSI per A.D. 2014-17-08R1 paragraph (e)(1)(ii).</li> <li>c. At the next hot section inspection (HSI) or overhaul inspection (OHI), and each HSI or OHI thereafter, replace the complete set of CT blades with the following, in any combination: <ol style="list-style-type: none"> <li>i. New CT blades; or</li> <li>ii. CT blades that have passed a two-blade metallurgical inspection in accordance with PWC Standard Practices Manual PN 585005 or per A.D. 2014-17-08R1 paragraph (e)(1)(iii)(B).</li> </ol> </li> </ol> <p>2) In lieu of A.D. 2014-17-08R1 paragraph (e)(2): Replace the complete set of CT blades with EXTEX CT blades, P/N E3045741-01. The initial and periodic inspections defined previously apply.</p> <p>3) In lieu of A.D. 2014-17-08R1 paragraph (e)(3): By October 8, 2017, if not previously accomplished, replace the complete set of CT blades with EXTEX CT blades P/N E3045741-01. The initial and periodic inspections defined previously apply.</p>
<b>Approval:</b>	This document is FAA approved per Engine Certification Office Letter dated 11/16/2016.
<b>Notes:</b>	Please contact EXTEX customer service with any questions at 480.606.1039

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**Appendix A**

**AMOC to AD 2014-17-08R1 Notification**

Customer:			
<b>Engine Information</b>			
Engine Model	<input type="checkbox"/> PT6A-114	<input type="checkbox"/> PT6A-114A	
Engine Serial Number			
<b>E3045741-01 Blade Information</b>			
Blades Installed (Date):			
Blades Installed (Engine TSN/CSN):			
<b>Airplane Information</b>			
Airplane Model:		Registration Number:	N
Operator:		Operator Contact:	
Return to EXTEX Customer Service at: 480.632.1039, fax to 480.635.0058, or email to your customer service representative			