

	Service Letter SL 63	DO - No. EASA.21J.020
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Inspection of Beta Valve P-846 / Prop front O-Ring for possible Oil Leak installed on RR250 engines

Accomplishment:

In case engine oil leak is detected inside the spinner dome or during removal or installation of the propeller!

Affected Propeller:

MTV-5-1-D-C-F-R(A)/ CFR210-56 in combination with P-846 Beta Tube installed on RR250 turbines

Affected Parts:

P-846 Beta Tube and Propeller O-Ring C-199 Installed in the guide rod of the propeller.

Reason:

During installation and removal of the propeller, the sharp P-846 beta tube thread (in case not masked correctly with several layers of tape) can damage the O-ring C-199 installed in Propeller guide rod.

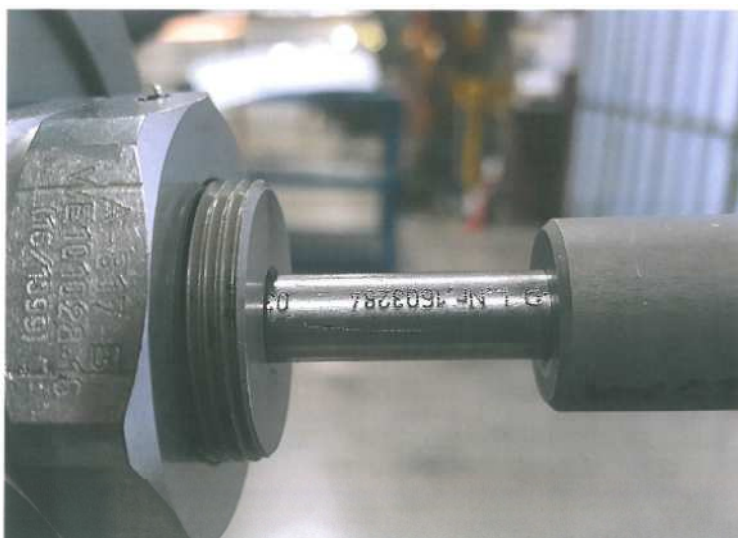
This can lead to an engine oil leak.

Some Beta tubes P-846 have a marking in the front part of the beta tube as shown below:

In case the marking shows some roughness, the beta tube can be polished using a sand paper to smoothen the surface reducing the O-Ring C-199 wear, causing also a possible oil leak.

Picture shows the beta tube with the propeller feathered. The O-Ring C-199 is approximately 8mm inside the guide rod shown on the picture.

To polish the marking on the beta tube, the propeller must be removed.



In case the marking cannot be polished to have a smooth surface, contact: techsupport@mt-propeller.com for a exchange beta tube P-846.

<i>Clearence MPL</i> <i>[Signature]</i> Martin Albrecht Date: Nov. 02, 2016	<i>Edition</i> <i>[Signature]</i> Frank Grum Date: Nov. 2, 2016		Page 1 of 1
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