



	Service Letter SL 69	DO - No. EASA.21J.020
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**Readjustment of the Low Pitch Stop Rods or replacement of
the Piston Extension P/N A-1020-A-42-L installed on
MTV-9-()-()-R(M) propeller during the next Repair or Overhaul**

Affected Propeller:

MTV-9-D-C-R(M)/CR210-58 installed on Cessna 185 / TCM IO-520-()
MTV-9-B-C-R(M)/CR200-52 installed on Husky A-1A/1B / Lycoming O-360-()

Reason:

The piston back up ring maybe damaged on the above mentioned propeller by a low pitch blade angle setting of 7.5 degree. Such damaged back up ring may cause a leaking piston o-ring.

Action:

Two options are available to solve this issue by an in-field adjustment or bringing the propeller to a MT-Propeller certified prop shop.

Option 1 ; with the original installed piston extension A-1020-A-42-L

Remove the safety wire from the three low pitch stop rods and loosen the 3 counter nuts.
Turn in (clockwise facing the frontplate) the three low pitch stop rods by ½ turn.
Tighten the 3 counter nuts (14-18 Nm or 10.3-13.3 ftlb) and safety wire the stop rods.
Follow also manual E-504 for additional information.

Warning

The 3 stop rods must always have the same setting to each other, otherwise the pitch change mechanism will be damaged.

Option 2 ; replacement of the current piston extension A-1020-A-42-L by piston extension A-1020-A-45-L which is 3mm (0,12 inch) longer.

The current installed piston extension should be replaced by the new piston extension A-1020-A-45-L .
No need to adjust the low pitch stop, keep the original low pitch setting of 7,5 degree blade angle.

Note

The replacement can only be done by an approved MT Propeller Service Center

Affected Publications:

Overhaul Manual E-220

All affected Propeller Serial Numbers are listed on page 2

<i>Clearence MPL</i>  Martin Albrecht	Date: February 15, 2018	<i>Edition</i>  Andreas Seperant
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This technical Information has been approved according the procedures established for the EASA-certified Design Organization No.:EASA.21J.0

Continued

All affected Propeller Serial Numbers:

MTV-9-D-C-R(M)/CR210-58 installed on Cessna 185 / TCM IO-520-()

090070 , 130186 , 150438 , 160252 , 160915 , 160916 , 160917 , 160918 , 160919 ,
170224 , 170225 , 170226 , 170227 , 170237 , 170239

MTV-9-B-C-R(M)/CR200-52 installed on Husky A-1A/1B / Lycoming O-360-()

120858 , 140705 , 150595 , 150596 , 150597 , 150598 , 150599

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