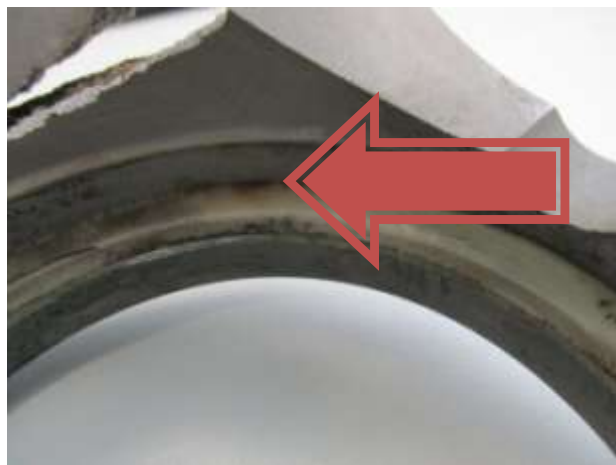


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|  | <b>ALERT</b><br><b>SERVICE BULLETIN</b><br><b>No. 33</b> | DOA No.<br>EASA.21J.020 |
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**Subject:** Replacement of the Blade Bearing A-1540 during Overhaul

**Affected Propeller:** MTV-9-B-S / 198-58B installed on Cessna 182/ Socata TB20 with  
SMA SR305-230-01 Diesel engine

**Reason:** Excessive worn blade bearing races will cause the loss of the blade preload causing the bearing to move and damaging the hub. Contact friction signs can be found on the bearing race and propeller hub (see picture below).



**Accomplishment:** During overhaul or repair of the MTV-9-B-S propeller.

**Action:** The blade bearing A-1540 **MUST be replaced** by a new blade bearing if signs of wear are found.

**Installation of the new blade bearing races into the overhauled propeller hub**

1. Degrease inside the propeller hub the blade bearing seat with MEK or similar.
2. Degrease blade bearing race with MEK or similar.
3. Glue in blade bearing races with Hysol Epoxy Patch 0151( NO GREASE ON THE HUB SIDE ).
4. Remove excessive Epoxy and install curing fixture Tool T-171.
5. After 24 hours of curing at 21°C (70° F) or 3 hours in a oven at 60° – 80°C (140°F-176° F) remove fixture and clean bearing race surface with MEK or similar.

**Important: No blade tip play is allowed**

**For more information please follow Overhaul Manual E-220.**

Contact: [techsupport@mt-propeller.com](mailto:techsupport@mt-propeller.com)

This Service Bulletin has been approved according the procedures established for the EASA-certified Design Organization No.: EASA.21J.020.

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| Checed / approved<br>Head Office of Airworthiness<br><br>M. Albrecht | May 29, 2018 | Edition:<br><br>A. Seperant |
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