

Continuing Airworthiness Notice 62-004 Rev 1



Schweizer 269 Main Rotor Blade Bearings –

Change of maintenance procedure (Schweizer SIL No. L-188)

30 September 2022

Issued by the Civil Aviation Authority of New Zealand in the interests of aviation safety. A Continuing Airworthiness Notice (CAN) is intended to alert, educate, and make recommendations to the aviation community. A CAN contains information and guidance about an airworthiness concern that does not meet the criteria for an Airworthiness Directive (AD). The inspections and practices described in this CAN must still be carried out in accordance with the applicable NZCAR Parts 21, 43 and 91.

CAN numbering is by ATA Chapter followed by a sequential number for the next CAN in that ATA Chapter.

Applicability:

Schweizer 269A, 269A-1, 269B, 269C, 269C-1 and 269D helicopters fitted with main rotor bearings P/N 269A1231, delivered on, or after 17 June 2021.

Note:

This Continuing Airworthiness Notice (CAN) is revised to advise operators and maintainers that Schweizer has issued Temporary Revision No. 269C-80 applicable to the Handbook of Maintenance Instructions and Schweizer Service Information Letter (SIL) No. L-188 is now available.

Purpose:

This CAN is issued to draw attention to Schweizer Service Information Letter (SIL) No. L-188, which provides necessary information when replacing main rotor blade bearings P/N 269A1231, delivered on, or after 17 June 2021.

Background:

Schweizer has made a change to the configuration of the main rotor blade bearings identified above, which means that pitch bearing spacer P/N 269A1205 (previously matched to case assembly P/N 269A1220) may no longer be the correct size to ensure the necessary distance between the bearings. Refer to Figure 1 in this CAN.

The installation of an incorrectly sized spacer can result in binding and ratcheting of the bearing set, which may result in difficulty tracking the blades, and may be felt by the pilot during operation.

Recommendation:

Maintainers must refer to Schweizer Service Information Letter (SIL) No. L-188 when installing main rotor bearing sets delivered on, or after 17 June 2021.

This SIL has been issued to provide instructions for maintainers to measure the internal dimension of the pitch bearing housing and ensure that the correct sized spacer is installed.

Note that bearings delivered on, or after 17 June 2021 retain the same P/N as those delivered prior to 17 June 2021.

Maintainers must be extremely vigilant to ensure that maintenance is carried out in accordance with the appropriate manufacturer ICA.

If maintainers and/or operators note any issues related to the main rotor blade bearings of Schweizer helicopters they should complete a CAA005D and submit the completed form to the CAA at CA005@caa.govt.nz, or report findings via the online reporting system available at <https://occurrences.caa.govt.nz/ProdUI/>

Figure 1: Extract from Model 269C Basic HMI

