

Airworthiness Directive

Correction

79-135 MBB

May 15, 1979

Date of issue:
March 20, 1979

Affected helicopters:

German Type Certificate No. 3025.

Bo 105. All helicopters equipped with main rotor transmission FS 72A 4619 001 003 and FS 72 B 4638 001 001, up to s/n 721 incl.

Subject:

Bearings of main rotor transmission.

Reason:

Possible damage of bearings as a result of too large diametrical clearance due to too wide tolerance summations of the transmission bearings.

Action and compliance:

- 1.1 Inspect magnetic plugs for any sort of deposits (fines and chips) at intervals of maximal 3 flight hours.
- 1.2 However, flights with more than 3 hours (with auxiliary tank) are allowed as far as inspection has been accomplished in accordance with para 1.1 before flight.
2. Examine fine-filter for deposits of bronze chips every 25 flight hours or if chips are found in magnetic plug.
3. Replace main rotor transmission or proceed in accordance with Service Bulletin No. 10-24 if bronze chips are found in finefilter.
4. Proceed in accordance with Service Bulletin No. 10-34 until December 31, 1979 latest.

If action has been accomplished in accordance with SB 10-34, action 1 and 2 are not necessary anymore.

Technical note of manufacturer:

MBB Bo 105 Service Bulletin 10-34, which becomes herewith part of this AD and may be obtained from Messrs. Messerschmitt-Bölkow-Blohm, Unternehmen Drehflügler, Postfach 801140, D-8000 München 80, Western Germany.

Accomplishment and log book entry:

Action 1 to be accomplished by the helicopter pilot or a skilled person. Actions 2 through 4 to be accomplished by an approved service station. Actions 1 and 2 to be entered in the check list for the periodic inspections (Working Cards, Maintenance Manual etc.). All actions to be entered in the helicopter's log.

Note:

This AD replaces AD 78-340 of January 2, 1979.