

Airworthiness Directive

77-306 MBB

Helicopters Affected:

BO 105 (German type certificate no. 3025).

Date of issue:

December 12, 1977

All models and serial numbers.

Subject:

Input Shaft and Ram Air Ventilation.

Reason:

Broken Input Shaft.

Action and compliance:

1. From date of issuance of this AD to accomplishment of at least one of the following actions the helicopter must be operated in such a way, that a safe and immediate landing on hard ground is possible, when the permissible oil temperature is exceeded.

2. Applicable to helicopters with fan assembly (P/N 4619 005 001) installed up to and including serial no. 547 (installed in main gearbox FS72A/FS72B up to and including serial no. 664):

Until Oct. 31, 1978 at the latest, input shaft (P/N 4619 313 00 or 4619 313 029 or 4638 313 001 or 4638 313 003) shall be replaced by modified input shaft P/N 4639 313 009 in accordance with Service Bulletin 10-7, Rev. 1.

3. Applicable to helicopters, serial no. S7 up to and including serial no. S400, except helicopters with engine air cleaner D133-2760:

Within four weeks from availability of parts, but not later than Oct. 31, 1978, ram air ventilation for lubricating oil cooling system shall be retrofitted in accordance with Service Bulletin 60-37.

Technical Note of the manufacturer:

MBB Service Bulletin 10-7, Rev. 1, dated Nov. 2, 1977 and MBB Service Bulletin 60-37, dated June 27, 1977, which become herewith part of this Airworthiness Directive.

Accomplishment and log book entry:

Action no. 1 to be observed by the helicopter pilot.

Action no. 2 to be accomplished by personnel licensed for this work and action no. 3 to be accomplished by an approved and correspondingly authorized maintenance station.

Actions no. 2 and no. 3 to be entered in the helicopter's log.