



Luftfahrt-Bundesamt
-AD-Department-

Airworthiness Directive

*In case of any difficulty, reference should be made
to the German original issue*

95-458 Eurocopter Deutschland GmbH

Date of issue: December 05, 1995

Correction

Affected helicopters:

German Type Certificate No.: 3025

Eurocopter Deutschland GmbH

MBB BO 105 C and BO 105 S

- S/No's.: 161 and up, if equipped with special IFR equipment and voltage regulator
P/N 51565-000R

Subject:

Installation of Voltage Controller including Overvoltage Protection.

Reason:

The voltage regulators installed at present cannot prevent the failure of avionic instruments caused by probable generator overvoltage in the aircraft power supply.

In order to correct this defect, voltage regulators with overvoltage protection are to be retrofitted to all helicopters concerned. This retrofit action includes among other things the installation of two switches in the overhead panel so that each generator can be switched on again separately, after one generator had been switched off as a result of overvoltage.

Action:

Modification of Electrical Control Box 1 VE and Top Console

Compliance:

This AD is to be accomplished within the next 100 flight hours after the date the components are obtainable from the manufacturer, but not later than December 31st, 1996.

Technical publication of the manufacturer:

Eurocopter Deutschland BO 105 Alert Service Bulletin 105-80-118 Revision 1 dated November 29, 1995 which becomes herewith part of this AD and may be obtained from Messrs.

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Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the log by a licensed inspector.