



**Airworthiness
Directive
97-275**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Eurocopter Deutschland

Effective Date: September 25, 1997

Affected:

Kind of aeronautical product: Helicopter
Manufacturer: Eurocopter Deutschland, Ottobrunn, Germany
Type: BO 105
Models affected: all
Serial numbers affected: all
German Type Certificate No.: 3025

Subject:

Main Transmission - visual inspection of rotor mast flange for cracks

Reason:

A rotor mast was found to have cracks of critical magnitude in the area of the flange. The cause of the cracks is being determined. In the meantime, the rotor mast flange must be subjected to an immediate visual crack inspection which is to be repeated at intervals until further notice.

Action:

Using a magnifying glass (at least 5-power magnification) perform visual inspection for cracks in the ribbed area of the rotor mast flange.

If any cracks were found, contact the ECD Customer Service prior to the next flight for advice on how to proceed

Please contact ECD, Customer Service
Tel.: 090671 / 4444 or Fax: 090671 / 4111

In USA: Please contact AEC
Tel.: 214-641-3736 or Fax 214-641-3764

Compliance:

First inspection must be performed after the last flight of the day and then every 100 flight hours until further notice.

Technical publication of the manufacturer:

Eurocopter Deutschland Alert Service Bulletin ASB-BO 105-10-110 dated August 27, 1997 which becomes herewith part of this AD and must be obtained from Messrs.:

Eurocopter Deutschland GmbH
Postfach

D-81663 München
Federal Republic of Germany

Accomplishment and log book entry:

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