

BUREAU VERITAS

AIRWORTHINESS DIRECTIVE

released by Direction Générale de l'Aviation Civile

Inspections and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.

Translation of "Consigne de Navigabilité"
Réf. : 87-012-027 (B) R1
In case of any difficulty, reference should
be made to the French original issue.

AEROSPATIALE Helicopters - AS 332 SUPER PUMA

AC Electrical power generating system

The present airworthiness directive is applicable to AEROSPATIALE helicopters models AS 332 C, CI, L and LI which have not been modified in accordance with AMS 332A07.22.990.

To avoid total loss of this AC electrical power generating system as a result of a short-circuit in the cable bundle connecting an alternator to its regulating PCB, compliance with the following measures is mandatory from the effective date of the present Airworthiness Directive :

- 1/ Within the next 50 hours'flight time or 30 days following the effective date of the present airworthiness directive (whichever occurs first), check the line connecting the permanent magnet generator (PMG) stage of each alternator to its regulating PCB for insulation, in accordance with the instructions given in paragraph BBA of AEROSPATIALE AS 332 Telex Service N° 05-12.
- 2/ Repeat the above inspection on each bundle after any maintenance/repair operation on the alternator cable bundle.
- 3/ After each inspection, the aircraft can be returned to operational service only if the insulation values measured are greater than 2 megohms. If the values measured are less than 2 megohms, modification AMS 332A07.22.990 shall be embodied, prior to any further flight, in accordance with the instructions given in paragraph 2 "Accomplishment Instructions" of AEROSPATIALE AS 332 Service Bulletin n° 24.10.

Date : 01/04/87

**AEROSPATIALE Helicopters AS 332
(SUPER PUMA)**

Ref. : 87-012-027(B)R1

4/ In all cases, modification AMS 332A07.22.990 shall be embodied in all the aircraft concerned within the 400 hours' flight time following the first insulation check (see paragraph 1 of the present Airworthiness Directive), or before 31st December 1987 (whichever occurs first).

Ref. : AEROSPATIALE AS 332 Telex Service n° 05-12
AEROSPATIALE AS 332 Service Bulletin n° 24.10

The present revision supersedes the original Airworthiness Directive 87-012-027(B)
dated 21st January 1987

EFFECTIVE DATE : 21st JANUARY 1987
(date of original AD unchanged)