

**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. : 85-63-16(B)  
In case of any difficulty, reference should  
be made to the French original issue.

## **AEROSPATIALE HELICOPTERS AS 332 SUPER PUMA**

### **AUTOMATIC PILOT SYSTEM**

#### **YAW DAMPER BODY ON HYDRAULIC UNIT**

The present Airworthiness Directive applies to AEROSPATIALE helicopter AS 332 C and AS 332 L equipped with a yaw damper body Part Number (P/N) S 626562553 or S 626562553-300.

In order to prevent possible consequences of a yaw damper body failure, compliance with the following is hereby rendered mandatory, unless already accomplished :

#### **A) - YAW DAMPER BODY P/N S 626562553 :**

- 1 - Within the next 10 hours of operation after October 31, 1984, identify the manufacturing batch code marked by vibro-etching on the edge of damper body upper flange (IPC 22.30.10, Fig. 5, ITEM 642). This code can be identified without removing the A.P., through the inspection door on passenger's compartment side, using a dentist's mirror and a flash light. This code can be located on the right hand side or at the front of the flange edge, along the aircraft centerline.
- 2 - The damper bodies identified in accordance with paragraph A.1 above as bearing a BNGAE manufacturing batch code shall be fitted with a protective system (modification AMS 332 A 07.22602) in accordance with AEROSPATIALE Service Bulletin AS 332 n° 22-04 Revision 1 (or later approved revision) prior to accumulation of 500 hours of operation or within the next 50 hours of operation after October 31, 1984, whichever comes last.
- 3 - The damper bodies identified in accordance with paragraph A.1 above as bearing a manufacturing batch code other than BNGAE shall be fitted with a protective system (modification AMS 332 A 07.22602) in accordance with AEROSPATIALE Service Bulletin AS 332 n° 22-04 Revision 1 (or later approved revision) prior to accumulation of 1000 hours of operation or within the next 100 hours of operation after October 31, 1984, whichever comes last.

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**MAY 22, 1985**

**AEROSPATIALE HELICOPTERS AS 332  
SUPER PUMA**

**Ref. : 85-63-16(B)**

**B)- YAW DAMPER BODY P/N S 626562553-300 :**

Damper bodies P/N S 626562553-300 are those which have been modified to AMS 332 A 07. 22550 (AEROSPATIALE Service Bulletin AS 332 n° 01.06 or later approved revisions).

Damper bodies P/N S 626562553-300 shall be fitted with a protective system (modification AMS 332 A 07. 22602) in accordance with AEROSPATIALE Service Bulletin AS 332 n° 22-04 Revision 1 (or later approved revision) prior to accumulation of 1000 hours of operation or within the next 100 hours of operation after effective date of this Airworthiness Directive, whichever comes last.

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**NOTE** - The present A.D. cancels and replaces A.D. n° 84-145-15(B) dated October 24, 1984, in order to extend its applicability to damper bodies P/N S 626562553-300.

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Ref.: AEROSPATIALE AS 332 SUPER PUMA Service Bulletin N°22-04 Rev. 1 and subsequent approved revisions.

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Cancels and replaces A.D. n° 84-145-15(B) dated October 24, 1984.

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**EFFECTIVE DATE : MAY 29, 1985**