

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection 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' ref. : 1998-539-088(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A330 Aircraft

Elevator servocontrols - Frankenjura eye-ends (ATA 27)

APPLICABILITY :

AIRBUS INDUSTRIE A330 aircraft all models certified and all serial numbers.

Nota : all delivered aircraft from MSN 247 inclusive and MSN 224 have been checked on the production line and are in compliance with the requirement of this AD providing that no spare parts have been installed in service since aircraft delivery.

REASONS :

Operators have reported one case of elevator servocontrol piston rod broken and two cases of piston rod bent.

This rupture or buckling of the piston rod is the result of a stiff of the eye-end spherical bearings of the elevator servocontrol resulting from the migration of the eye-end liner leading to subsequent excessive stress on the piston rod.

In the three reported cases, the liner of the eye-end spherical bearings was found migrated.

In the case of a rupture of the piston rod on both the active and damping mode servocontrols on the same side, the elevator is no more damped and becomes uncontrollable.

COMPLIANCE :

The following measures are rendered mandatory, unless already previously accomplished :

1. The requirements of the paragraph 4 of the AIRBUS INDUSTRIE A.O.T. 27-24 revision 1 dated December 10, 1998 are rendered mandatory within 500 flight hours from the effective date of this Airworthiness Directive.

Elevator servocontrols fitted on aircraft on both active and damping mode and spare servocontrols are concerned by the requirements of the A.O.T.

2. Send all the removed parts to the vendor SAMM.

REF. : AIRBUS INDUSTRIE A.O.T. 27-24 Revision 1 dated December 10, 1998

December 30, 1998

AIRBUS INDUSTRIE
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EFFECTIVE DATE : JANUARY 09, 1999