

AIRWORTHINESS DIRECTIVE

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.

98-271-253(B)

In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A310 and A300-600 Aircraft

THS actuator hydraulic motors (ATA 27)

APPLICABILITY :

AIRBUS INDUSTRIE A310, A300-600 aircraft, all certified models and all serial numbers :

- on which AIRBUS INDUSTRIE modification N° 11607 has not been embodied,
- or,
- on which AIRBUS INDUSTRIE Service Bulletin A310-27-2081 or A300-27-6035 has not been embodied.

REASON :

To prevent THS actuator desynchronization, which might lead to an internal rupture of one hydraulic motor, thus reversing the rotation direction of this hydraulic motor, which in turn, combined with the loss of the hydraulic system associated with the other motor, would lead to the uncommanded movement of the actuator to its up or down end travel position.

ACTIONS :

1. Within 1,200 flight hours following the last functional test conducted in accordance with the instructions of AIRBUS INDUSTRIE A.O.T. N° 27-21 Rev. 2, dated June 10, 1996, check the synchronization of the THS actuator hydraulic motors in accordance with the instructions of AIRBUS INDUSTRIE Service Bulletin A310-27-2088 or A300-27-6043, and repeat this check every 1,200 flight hours.

Any check showing a desynchronization will be followed by the replacement of the hydraulic motors (before the next flight), in accordance with the instructions of AIRBUS INDUSTRIE Service Bulletin A310-27-2081 or A300-27-6035.

No further checks in accordance with this Airworthiness Directive are required after replacement of both hydraulic motors, in accordance with the instructions of AIRBUS INDUSTRIE Service Bulletin A310-27-2081 or A300-27-6035.

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July 15, 1998

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2. The replacement of the hydraulic motors in accordance with the instructions of AIRBUS INDUSTRIE Service Bulletin A310-27-2081 or A300-27-6035 shall be carried out before February 29, 2000.

Inform AIRBUS INDUSTRIE of all findings whatever they may be.

REF. : AIRBUS INDUSTRIE A.O.T. N° 27-21 Rev. 2 dated 10/06/1996
AIRBUS INDUSTRIE Service Bulletin A310-27-2081
AIRBUS INDUSTRIE Service Bulletin A310-27-2088
AIRBUS INDUSTRIE Service Bulletin A300-27-6035
AIRBUS INDUSTRIE Service Bulletin A300-27-6043
(or any other later approved revision).

This Airworthiness Directive replaces Airworthiness Directive 96-001-194(B)R3 dated 24/09/1997 and 97-081-217(B)R1 dated 11/03/1998.

EFFECTIVE DATE : JULY 25, 1998