

# 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. : 1981-085-036(B)  
In case of any difficulty, reference should be made to the French original issue.**

## AIRBUS INDUSTRIE

### A300 aircraft

LUCAS trimmable horizontal stabilizer actuator (ATA 27)

To detect or avoid internal damage of LUCAS THS Actuator, perform the following inspections :

1. Actuators P/N CHA 723-30XX after embodiment of modifications AI 2684 (SB 27128) and AI 2787 (SB 27129).

Carry out jamming detection test in accordance with AIRBUS INDUSTRIE Service Bulletin A300-27-132 intervals not exceeding 1000 flight hours.

2. Actuators P/N CHA 723-20XX after embodiment of modification AI 2684 (SB 27128) and before embodiment of modification AI 2787 (SB 27129).

- 2.1. Carry out jamming detection test as specified in § 1 above.

- 2.2. Carry out an overhaul of these actuators at 7500 flight hours or at the latest within 750 flight hours but not later than 8250 flight hours when the actuator has logged 6750 flight hours or more at February 6<sup>th</sup>, 1980 (flight hours apply since new or last overhaul).

Some parts of the actuators (pinions, needle bearings) have a service life limited at the first overhaul. Relevant list is given in LUCAS SB 723-27-584.

- 2.3. After embodiment of modification AI 2787 the present paragraph is purposeless.

3. Actuators P/N CHA 723-010 thru 723-018 included before embodiment of modifications AI 2684 and AI 2787.

- 3.1. Carry out jamming detection test as specified in accordance with AI SB A300-27-132 at intervals not exceeding 550 flight hours.

.../...

n/GH

May 20, 1981

**AIRBUS INDUSTRIE  
A300 aircraft**

**1981-085-036(B)**

**3.2.** Perform endoscope inspection of the actuator in accordance with AIRBUS INDUSTRIE Service Bulletin A300-27-130 (the flight hours specified below since apply new or since last overhaul).

- When the actuator has accumulated between 3800 and 4500 flight hours on actuator having logged less than 4000 flight hours at February 6<sup>th</sup>, 1980.

or

- Within 500 flight hours on actuator having logged 4000 hours or more without application of this SB at February 6<sup>th</sup>, 1980.

**3.3.** Repeat the inspection in accordance with § 3.2. above when the actuator has logged between 5800 and 6500 flight hours except when the first inspection has been carried out after 5500 flight hours in respect of that paragraph.

**3.4.** Carry out an overhaul in accordance with § 2.2. above.

**3.5.** After embodiment of modification AI 2684 the present paragraph is purposeless.

**4.** Should any irregularity be noted during accomplishment of above process, remove the suspected actuator from service operation before next flight.

\_\_\_\_\_

The requirements of this A.D. are covered in FRG by LTA n° 79-508/3

\_\_\_\_\_

This AD cancels and supersedes AD 80-10-21(b) of January 30, 1980.

\_\_\_\_\_

**EFFECTIVE DATE : MAY 27<sup>th</sup>, 1981**