

# 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. : 2000-017-134(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A340 aircraft

Inspection of "Moog" aileron servo-controls (ATA 27)

#### **APPLICABILITY:**

AIRBUS INDUSTRIE A340 aircraft models -211, -212, -213, -311, -312 and -313 which have received none of the following AIRBUS INDUSTRIE modifications (Mod.) or AIRBUS INDUSTRIE Service Bulletins (SB) dealing with installation of new standards of aileron servo-controls:

- Mod. 45512,
- Mod. 47433,
- SB A340-27-4062,
- SB A340-27-4081.

#### **REASONS:**

Some cases of aileron servo-control rod end failures of the aileron installed in the active mode were reported by operators.

These failures originated from a metal to metal friction at spherical bearing level resulting from the migration of the Teflon liner of the bearing.

#### **COMPLIANCE:**

The following measures are rendered mandatory:

- for each active aileron servo-control which has accumulated between 9000 FH and 13000 FH since new, within 6 months from the effective date of this Airworthiness Directive (AD), or within 6 months after having reached 9000 FH (whichever occurs latest), or
  - for each active aileron servo-control which has accumulated more 13000 FH since new, within 3 months from the effective date of this AD,.
1. Check the backlash of the piston rod eye-end of the active ailerons (FIN 8CS1, 8CS2, 10CS1, 10CS2) in accordance with the instructions of the paragraph 3.B.(2) of SB A340-27-4079R1.

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2. Depending on the backlash measured, for each active aileron servo-control, perform the corrective action in accordance with the instructions given in SB A340-27-4079R1.
3. Repeat the actions of the above paragraphs 1 and 2 at interval not exceeding 15 months in service for the active aileron servo-controls which have not been replaced by an upgraded standard of servo-controls (ECP8/ECP9) in accordance with SB A340-27-4062 or A340-27-4081.
4. Report to AIRBUS INDUSTRIE the inspection results whatever are the results.

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REF. : AIRBUS INDUSTRIE Service Bulletin A340-27-4079R1  
(or any further approved revision)  
AIRBUS INDUSTRIE Service Bulletin A340-27-4062  
(or any further approved revision)  
AIRBUS INDUSTRIE Service Bulletin A340-27-4081  
(or any further approved revision).

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**EFFECTIVE DATE : JANUARY 22, 2000**