

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. : 95-094-021(B) R1
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A340 Aircraft

Inboard aileron servo control (ALLIED SIGNAL)

This Airworthiness Directive applies to AIRBUS INDUSTRIE A340 aircraft models -211, -212, -311 and -312 having not received the AIRBUS INDUSTRIE modification 43636 or AIRBUS INDUSTRIE Service Bulletin A340-27-4038 (or any further approved revision).

In order to prevent any external hydraulic leakage of the (RH) inboard aileron servo control of the blue hydraulic system which could be lost subsequent to emerging cracks at the end cap and/or barrel, the following measures are rendered mandatory on the effective date of this Airworthiness Directive, unless already accomplished :

Within the next 2 months and/or within the next 6 months counted from the effective date of this Airworthiness Directive, establish the correct configuration, as defined in paragraph 1A(2) of AIRBUS INDUSTRIE Service Bulletin A340-27-4038 (or any further approved revision), using the aircraft serial number as reference.

Having identified the corresponding configuration, proceed as follows :

CONFIGURATION 1 :

Perform a visual inspection of the (RH) inboard aileron servo control of the blue hydraulic system operating in "active" mode (8CS2) in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A340-27-4038 (or any further approved revision).

- a. If a crack and/or a leak is identified at the end cap, remove and replace the (RH) inboard aileron servo control of the blue hydraulic system operating in "active" mode (8CS2) in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A340-27-4038 (or any further approved revision).
- b. If no crack or leakage is identified, proceed with the identification of the Serial Number of the (RH) inboard aileron servo control of the green hydraulic system operating in "damping" mode (7CS2).
- c. If the serial number of the installed servo control (7CS2) corresponds to the serial number installed on aircraft in accordance with the Aircraft Inspection Report remove the servo control (8CS2) operating in "active" mode, remove and modify the servo control (7CS2) (damping function) and reinstall these two aileron servo controls by swapping them in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A340-27-4038 (or any further approved revision).

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- d. If after verification with the Aircraft Inspection Report the installed serial number of the inboard aileron servo control (7CS2) does not correspond to the initial serial number installed on aircraft, remove and replace the inboard aileron servo control (8CS2) of the blue hydraulic system operating in "active" mode, in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A340-27-4038 (or any further approved revision).

CONFIGURATION 2 :

Remove and replace the (RH) inboard aileron servo control of the blue hydraulic system operating in "active" mode (8CS2) in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A340-27-4038 (or any further approved revision).

CONFIGURATION 3 :

Perform a visual inspection of the (RH) inboard aileron servo control of the blue hydraulic system operating in "active" mode (8CS2) in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A340-27-4038 (or any further approved revision).

- a. If a crack and/or a leak is identified at the end cap, remove and replace the RH inboard aileron servo control of the blue hydraulic system operating in "active" mode (8CS2) in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A340-27-4038 (or any further approved revision).
- b. If no crack or leakage is identified, modify the (RH) inboard aileron servo control (8CS2) of the blue hydraulic system operating in "active" mode with the instructions given in the ALLIED SIGNAL Service Bulletin N°3337457-27-04 linked to the AIRBUS INDUSTRIE Service Bulletin A340-27-4038 (or any further approved revision).

NOTE 1 : Any servo control installed with Part-Number 3337457-22 or 3337457-23 must be removed and replaced not later than 9000 flight hours counted from the date of installation on the aircraft.

NOTE 2 : Any servo control installed with Part-Number 3337457-26 or 3337457-27 must be replaced not later than 27000 flight hours counted from the date of installation on the aircraft.

Ref. : Service Bulletin ALLIED SIGNAL 3337457-27-04
Service Bulletin AIRBUS INDUSTRIE A340-27-4038,
or any further approved revision.

This Revision 1 replaces original issue of this Airworthiness Directive.

EFFECTIVE DATES :

Original AD : JUNE 03, 1995
Revision 1 : AUGUST 26, 1995