

AIRWORTHINESS DIRECTIVE

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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. : 1996-105-043(B) R2
In case of any difficulty, reference should be made to the French original issue.

AIRBUS

A340 aircraft

Centre fuselage - Vertical beam Y=O at FR 53-2 (ATA 53)

1. APPLICABILITY:

AIRBUS A340 aircraft models -211, -212, -213, -311, -312 and -313, all serial numbers, except those which have received AIRBUS modification 42606 or AIRBUS Service Bulletin (SB) A340-53-4030.

2. REASONS

- 2.1. In order to prevent a damage at an early stage at frame 53-2 on the vertical support beam which supports the CLG actuator attachment fitting, caused by cracks evidenced during fatigue tests and which could lead to a reduced structural integrity.
- 2.2. The Revision 1 of this Airworthiness Directive (AD) introduced in paragraph 3.2.1., as an Alternative Mean Of Compliance (AMOC), the accomplishment of the instructions given in SB AIRBUS A340-53-4030.
- 2.3. The Revision 2 of this AD consists of revising the "Applicability" paragraph which limits AIRBUS A340 aircraft models as listed in the paragraph 1.

3. COMPLIANCE:

The following measures are rendered mandatory from the effective date of this AD at original issue.

- 3.1. Before accumulation of 6,400 flight cycles, perform a rototest inspection of the beam at the upper first fastener row of the assembly with CLG retraction fitting in accordance with the instructions given in AIRBUS SB A340-53-4043.
- 3.2. Depending upon the results of this inspection:
 - 3.2.1. either if no crack is found:

repeat the inspection in accordance with the instructions given in AIRBUS Service Bulletin A340-53-4043 at intervals not exceeding 4,700 flight cycles,

or

accomplish the preventive measures in accordance with the instructions given in AIRBUS SB A340-53-4030.

3.2.2. or if a crack is found and depending on the dimension measured: refer to the action corresponding to the thresholds defined on the synoptic chart 1 of AIRBUS SB A340-53-4043.

NOTE: No further action is required after accomplishment in accordance with AIRBUS SB A340-53-4030.

REF.: AIRBUS Service Bulletin A340-53-4043
AIRBUS Service Bulletin A340-53-4030
(Any later approved revision of these SBs is acceptable).

| This Revision 2 replaces AD 96-105-043(B) R1 dated July 30, 1997.

EFFECTIVE DATES :

| **Original AD : JUNE 15, 1996**
Revision 1 : AUGUST 09, 1997
Revision 2 : MARCH 01, 2003