

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. : 2003-317(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS

A300, A310 and A300-600 aircraft

Corrosion prevention at pressure bulkheads/frames 39 and 54 (ATA 21, 53)

1. APPLICABILITY:

AIRBUS A300, A310 and A300-600 aircraft, all certified models, all serial numbers, except for aircraft on which the following AIRBUS modifications or AIRBUS Service Bulletins (SB) have been embodied:

- modification 5946 (BS A300-53-0201 or BS A310-53-2027 or BS A300-53-6008)
- and
- modification 8057 (BS A300-21-0116 or BS A310-21-2041 or BS A300-21-6025).

2. REASONS:

Investigations performed on the fuselage structure of A300 aircraft revealed the presence of corrosion in the lower part of the pressure bulkheads at frames 39 and 54 on the cargo compartment side.

Corrosion is due to the fact that there is no draining at the insulation blankets, which retain condensation (thermal bridge) in the lower part of the forward face of frame 39 and the rear face of frame 54.

If not corrected, this situation could lead to a reduction of the structural integrity of the fuselage.

3. MANDATORY ACTIONS AND COMPLIANCE TIME:

The following actions are rendered mandatory from the effective date of this Airworthiness Directive:

At the latest on June 30, 2005,

3.1. Modify the thermal insulation

A300 aircraft:

Modify the thermal insulation system of the forward face of frame 39 and the rear face of frame 54 in accordance with the instructions of SB A300-21-0116.

A310 and A300-600 aircraft:

Modify the thermal insulation system of the rear face of frame 54 in accordance with the instructions of SB A310-21-2041 or A300-21-6025.

- 3.2.** Modify the draining system of the fuselage in accordance with the instructions of SB A300-53-0201 or A310-53-2027 or A300-53-6008.

Note: The aircraft on which both modifications or SBs mentioned above have been embodied must be inspected in accordance with the following task(s):

- CPCP No. C53-130-0201 for A300 aircraft
- MPD 53-15-31-01-1 and 53-15-33-01-1 for A310 and A300-600 aircraft.

REF.: AIRBUS Service Bulletins:

A300-21-0116
A310-21-2041
A300-21-6025
A300-53-0201
A310-53-2027
A300-53-6008
A300-53-0286 R1
A310-53-2066 R1
A300-53-6038 R1

(Any later approved revisions of these SBs are acceptable).

EFFECTIVE DATE : AUGUST 30, 2003