

# 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. : 1998-270-091(B) R4  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS

### A340-200/-300 aircraft

Main landing gear - Doors (ATA 52)

#### 1. APPLICABILITY:

AIRBUS A340 aircraft models -211, -212, -213, -311, -312, -313, all serial numbers, equipped with main landing gear doors (LH and RH) with the following serial numbers:

- AA1001 thru AA1196 inclusive
- and
- SPAA001 thru SPAA015 inclusive.

Aircraft delivered with AIRBUS Modification 45534 are not concerned by this Airworthiness Directive (AD).

**Note:** The main landing gear doors bearing the serial numbers SPAA001 thru SPAA015 are spare units not installed on production aircraft.

#### 2. REASONS:

One operator has experienced several instances of frosted areas on the MLG doors after long flights.

Investigations and tests performed on these doors have revealed a high porosity of the inner skin of the doors and liquid ingress mainly in the area of teflon bands.

Heavy liquid ingress and subsequent stagnation could lead to a reduced structural integrity of the inner skin areas (sandwich structure) of the MLG doors.

Revision 2 of this AD is issued in order to modify, with a decreased constraint, the value of the inspection threshold required in paragraph 3 of this AD.

Revision 3 of this AD modifies paragraph 1 of this AD.

Revision 4 of this AD consists of revising the "Applicability" paragraph which limits AIRBUS A340 aircraft models as listed in the paragraph 1.

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**3. MANDATORY ACTIONS AND COMPLIANCE TIME:**

To prevent any liquid ingress inside the inner skin of the MLG doors, the following measures are rendered mandatory from effective date of this AD at original issue, unless already accomplished:

**1<sup>st</sup> condition:**

For all serial numbers concerned excepted serial numbers AA1002, AA1004, AA1017 (RH), and AA1002, AA1004 (LH):

- Not later than 9 years counted from in-service date of MLG doors, remove and replace by a modified door in accordance with the instructions specified in AIRBUS Service Bulletin (SB) A340-52-4060.

**2<sup>nd</sup> condition:**

For the MLG doors affected by the serial numbers AA1002, AA1004, AA1017 (RH) and AA1002, AA1004 (LH):

- Not later than 15 months from the effective date of this AD at original issue, remove and replace the MLG door by a modified door in accordance with the instructions specified in AIRBUS SB A340-52-4060.

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REF.: AIRBUS Service Bulletin A340-52-4060  
(any later approved revision of this SB is acceptable).

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This Revision 4 replaces AD 1998-270-091(B) R3 dated December 27, 2000.

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**EFFECTIVE DATES :**

**Original AD : JULY 25, 1998**  
**Revision 1 : NOVEMBER 28, 1998**  
**Revision 2 : JULY 08, 2000**  
**Revision 3 : JANUARY 06, 2001**  
**Revision 4 : JULY 19, 2003**