

# 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. : 1995-178-029(B) R3  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS

### A340-200/-300 aircraft

Nose landing gear-Aft doors (ATA 52)

#### 1. APPLICABILITY:

AIRBUS A340 aircraft models -211, -212, -213, -311, -312 and -313, all serial numbers, which have not received AIRBUS Modification 44227 or AIRBUS Service Bulletin (SB) A340-52-4043.

#### 2. REASONS:

This Airworthiness Directive (AD) aims to detect and prevent any torque decrease of the castellated nuts of the rotating struts which drive the opening and closing of the doors which are subject to vibratory effects, a condition which could lead to the rupture of the rotating strut and of the fittings and in the worst case in the loss of the aft door during flight.

Revision 1 of this AD was issued in order to limit the applicability to AIRBUS A340 aircraft which have not received AIRBUS Modification 44227 or AIRBUS SB A340-52-4043 and to introduce a terminating action.

The aim of the Revision 2 was to reduce the compliance time of the terminating action.

Revision 3 of this AD consists of revising the "Applicability" paragraph which limits AIRBUS A340 aircraft models as listed in the paragraph 1.

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

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

Unless already accomplished,

- 3.1. Within 100 flight cycles (FC) following the effective date of this AD at original issue, perform a torque check of the rotating strut castellated nuts (LH/RH) of the nose landing gear doors in accordance with the instructions given in the AIRBUS All Operators Telex 52-10 dated August 08, 1995.

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**3.2.** Repeat the check as defined in paragraph 3.1 of this AD:

**3.2.1.** Every 500 FC for the aircraft which have received AIRBUS modification 42775 or AIRBUS SB A340-52-4023.

**3.2.2.** Every 150 FC for the aircraft without AIRBUS modification 42775 or AIRBUS SB A340-52-4023.

**3.3.** Before September 30, 1996, replace the existing castellated nut and lockwasher by new nut and washer on the LH and RH rotating rods of the aft NLG door in accordance with the instructions given in AIRBUS SB A340-52-4043.

**Note 1:** AIRBUS must be notified of inspections results regardless of findings.

**Note 2:** No further action is required after accomplishment of either paragraph 3.3. of this AD or AIRBUS SB A340-52-4043.

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**REF.:** AIRBUS All Operators Telex 52-10 dated August 08, 1995  
Service Bulletin AIRBUS A340-52-4023 original issue  
Service Bulletin AIRBUS A340-52-4043 original issue  
(Any later approved revision of those SB is acceptable).

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| This Revision 3 replaces AD 95-178-029(B) R2 dated June 05, 1996.

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**EFFECTIVE DATES :**

**Original AD : SEPTEMBER 23, 1995**  
**Revision 1 : JANUARY 13, 1996**  
**Revision 2 : JUNE 15, 1996**  
**Revision 3 : AUGUST 30, 2003**