

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. : 2003-147(B) R1
In case of any difficulty, reference should be made to the French original issue.

AIRBUS

A319 and A320 aircraft

Fuselage -
Overwing emergency exit door frame corners (ATA 53)

1. APPLICABILITY:

- AIRBUS A319 all certified models, all manufactured serial numbers (MSN) up to MSN 1167 included and,
- AIRBUS A320-200 series all certified models, all manufactured serial numbers from MSN 0624 to 1141 included.

2. REASONS:

During normal maintenance operation, one operator reported one loose ABS213 rivet at the overwing emergency exit door frame corners of A319 and A320 aircraft.

Additional investigations were performed on other aircraft, which have revealed several instances where the grip length of the rivets was slightly out of tolerance.

In such case, at long term, this could affect the structural integrity of the aircraft.

Airworthiness Directive (AD) 2001-241(B) has mandated an inspection program in order to detect loose and/or missing rivets and at the end to verify the grip length of the affected rivets.

During accomplishment of AD 2001-241(B), one operator reported that some of the interior countersinks do not fulfil the design requirements, this could also affect the structural integrity of the aircraft.

This AD recalls AD 2001-241(B) requirements and introduces a supplemental inspection program to verify/measure affected rivet hole interior countersinks.

Revision 1 of this AD aims at clarifying paragraph 3.1.

3. COMPLIANCE:

- 3.1. Within 3,500 flight cycles from July 07, 2001 [effective date of AD 2001-241(B)], unless already accomplished as per AIRBUS Service Bulletin (SB) A320-53-1147 at original issue or Revisions 01 or 02, perform a detailed visual inspection of affected rivets to detect loose and/or missing rivets, and if necessary, apply the corrective actions, in accordance with the instructions of SB A320-53-1147 Revision 02.

In any case repeat this detailed visual inspection, as per SB A320-53-1147 Revision 02, every 3,500 flight cycles up to the check of all the rivets is performed in accordance with paragraph 3.2. Compliance of this AD.

- 3.2. Before accumulation of 24,000 flight cycles, remove all the affected rivets in all specified corner areas, check the interior countersinks and, if necessary, rework and install new rivet of correct grip length in accordance with instructions of SB A320-53-1147 Revision 02.

No further action is required as per this AD after total accomplishment of paragraph 3.2. Compliance of this AD on all affected rivets.

REF.: AIRBUS Service Bulletin A320-53-1147 Revision 02
(Any further approved revision of this SB is acceptable).

This AD replaces AD 2001-241(B) which is cancelled.

This Revision 1 replaces original AD 2003-147(B) dated April 16, 2003.

EFFECTIVE DATES :

Original issue : APRIL 26, 2003

Revision 1 : Upon receipt from MAY 14, 2003