

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. : 2000-521-160(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A319/A320/A321 aircraft

Main landing gear door actuator fitting at the keel beam (ATA 53)

APPLICABILITY:

AIRBUS INDUSTRIE A319/A320/A321 aircraft, all certified models, all serial numbers, without AIRBUS INDUSTRIE modification 26720 or 26721 in production or without AIRBUS INDUSTRIE Service Bulletin A320-53-1140 at Revision 2 in service.

REASONS:

On an A320, the crew was unable to close one of the main landing gear doors.

On ground, the MLG door actuator fittings installed on the keel beam and the related strap were cracked. Such failure could lead to the loss of the MLG door and could cause damage to the aircraft and/or hazard to persons or property on the ground.

With application of AIRBUS INDUSTRIE Service Bulletin A320-53-1140 at original issue or Revision 1, cold working of 4 fastener holes has been missed.

ACTIONS:

1. For aircraft having not received application of AIRBUS INDUSTRIE Service Bulletin A320-53-1140 at original issue or Revision 1:
 - for aircraft having not accumulated more than 8000 flight cycles, before accumulation of 8000 flight cycles or within 3500 flight cycles from the effective date of this Airworthiness Directive whichever occurs later but without exceeding 11500 flight cycles,
 - or
 - for aircraft having accumulated between 8000 and 12000 flight cycles, within 3500 flight cycles from the effective date of this Airworthiness Directive but without exceeding 12550 flight cycles,
 - or
 - for aircraft having accumulated more than 12000 flight cycles, within 550 flight cycles from the effective date of this Airworthiness Directive.

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Perform an ultrasonic NDT inspection or Eddy current rotating probe inspection of all MLG door actuator fittings and the connection straps in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A320-53A1135 at Revision 1.

2. For aircraft having received application of AIRBUS INDUSTRIE Service Bulletin A320-53-1140 at original issue or Revision 1, within 20000 flight cycles from application of this Service Bulletin, perform an Eddy current rotating probe inspection of the four fastener holes of each upper connection strap in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A320-53A1135 at Revision 1.
3. If no defect has been detected, repeat the inspections as defined by paragraph 1 and 2 of this Airworthiness Directive in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A320-53A1135 at Revision 1 or apply AIRBUS INDUSTRIE Service Bulletin A320-53-1140 at Revision 2.

If defects have been detected, repair at thresholds and in accordance with AIRBUS INDUSTRIE Service Bulletin A320-53A1135 at Revision 1, and apply AIRBUS INDUSTRIE Service Bulletin A320-53-1140 at Revision 2 at thresholds defined with AIRBUS INDUSTRIE Service Bulletin A320-53A1135 at Revision 1.

No additional action is required after total accomplishment of AIRBUS INDUSTRIE Service Bulletin A320-53-1140 at Revision 2.

REF.: AIRBUS INDUSTRIE Service Bulletin A320-53A1135 Revision 1
(or any further approved revision)
AIRBUS INDUSTRIE Service Bulletin A320-53-1140 Revision 2
(or any further approved revision).

EFFECTIVE DATE : DECEMBER 23, 2000