

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. : 96-053-077(B) R1
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A320 Aircraft

Main landing gear free fall extension system

This Airworthiness Directive applies to A320 AIRBUS INDUSTRIE aircraft MSN 002 to 008, 010 to 014, 016 to 078, 080 to 104, 106 and 107 included having embodied Service Bulletin A320-53-1023 prior to revision 7.

In order to detect possible interference between fasteners installing the reinforcement bracket and the main landing gear free fall extension system bellcrank and its tie-rod attachment nut which could restrict the main landing gear free fall system operation, the following measures are rendered mandatory on the effective date of this Airworthiness Directive :

- 1) Within 1000 flights, inspect the main landing gear free fall system to measure the minimum clearance between the fasteners of the reinforcement brackets (left hand and right hand) during their operation in accordance with instructions given in AIRBUS INDUSTRIE AOT 53-08 dated December 12, 1995.
- 2) If the minimum clearance is greater than 3 mm with no evidence of interference between the main landing gear free fall extension system bellcrank installation and the reinforcement bracket fasteners :
 - Within 60 months reinstall the reinforcement bracket fasteners in accordance with AIRBUS INDUSTRIE Service Bulletin A320-53-1023 Rev. 7.
- 3) If the minimum clearance is less than 3 mm with no evidence of interference between the main landing gear free fall extension system bellcrank installation and the reinforcement bracket fasteners :
 - Within 18 months reinstall the reinforcement bracket fasteners in accordance with AIRBUS INDUSTRIE Service Bulletin A320-53-1023 Rev. 7,
 - or perform the rework of the bellcrank lever and fasteners in accordance with instructions given in AIRBUS INDUSTRIE AOT 53-08 § 4.2.5 to 4.2.7.

In that case, before 60 months, reinstall the reinforcement bracket fasteners in accordance with AIRBUS INDUSTRIE Service Bulletin A320-53-1023 Rev. 7.
- 4) If the minimum clearance is less than 3 mm with evidence of interference between the main landing gear free fall extension system bellcrank installation and the reinforcement bracket fasteners :
 - Before next flight : reinstall the reinforcement bracket fasteners in accordance with AIRBUS INDUSTRIE Service Bulletin A320-53-1023 Rev. 7,

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A320 aircraft

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or perform the rework of the bellcrank lever and fasteners in accordance with instructions given in AIRBUS INDUSTRIE AOT 53-08 § 4.2.5 to 4.2.7.

In that case, before 60 months, reinstall the reinforcement bracket fasteners in accordance with AIRBUS INDUSTRIE Service Bulletin A320-53-1023 Rev. 7.

NOTE : Total application of AIRBUS INDUSTRIE Service Bulletin A320-53-1023 revision 7 cancels requirements of this Airworthiness Directive.

Ref. : AIRBUS INDUSTRIE AOT 53-08
AIRBUS INDUSTRIE Service Bulletin A320-53-1023 Rev.7
or any further approved revision

| This Revision 1 replaces original AD 96-053-077(B) dated March 13, 1996.

EFFECTIVE DATES :

| **Original AD : MARCH 23, 1996**

Revision 1 : JUNE 15, 1996