

# 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. : 1996-271-092(B) R3  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A319/A320/A321 Aircraft

Inboard flap trunnion (ATA 27)

#### APPLICABILITY :

This Airworthiness Directive applies to AIRBUS INDUSTRIE A319, A320 and A321 aircraft, all certified models, all serial numbers without AIRBUS INDUSTRIE modification 26495 in production or without AIRBUS INDUSTRIE Service Bulletin A320-27-1117 in service.

#### REASON :

In order to detect wear of the inboard flap trunnion and on the protective shells installed on the trunnion caused by chafing of the sliding panel driving chain which could lead to rupture of the trunnion primary load path and subsequent adverse influence on the secondary load path fatigue life.

#### ACTION :

The following measures are rendered mandatory on the effective date of this Airworthiness Directive.

- 1) A320 aircraft without AIRBUS INDUSTRIE modification 22881 or AIRBUS INDUSTRIE Service Bulletin A320-27-1050 :
  - A. Within 500 flight hours from July 30, 1994 [the effective date of AD 1994-165-055(B)], unless already accomplished, inspect each inboard flap trunnion in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1066 revision 5.
  - B. Depending upon the results of the inspection defined in paragraph 1)A. of this Airworthiness Directive, repeat this inspection in accordance with thresholds and instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1066 revision 5 or apply corrective actions in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1117.
- 2) A321 aircraft without AIRBUS INDUSTRIE modification 23926 and without the repair solution of AIRBUS INDUSTRIE Service Bulletin A320-27-1097 (original issue or revision 1) embodied :

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AIRBUS INDUSTRIE  
A319/A320/A321 aircraft

1996-271-092(B) R3

**A.** Within 500 flight hours from November 30, 1996 (effective date of this Airworthiness Directive at original issue), unless already accomplished, inspect each inboard flap trunnion in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1097 R2.

**B.** Depending upon the results of inspection defined in paragraph 2)A. of this Airworthiness Directive, repeat this inspection in accordance with thresholds and instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1097 R2 or apply corrective actions in accordance with the instructions given in AIRBUS INDUTRIE Service Bulletin A320-27-1117.

**3) A320 aircraft having received AIRBUS INDUSTRIE Service Bulletin A320-27-1050 :**

**A.** Within 500 flight hours from November 30, 1996, unless already accomplished, perform an inspection in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3.

**B.** Depending upon the results of the inspection defined in paragraph 3)A. of this Airworthiness Directive, repeat this inspection at thresholds given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3 or apply corrective actions in accordance with the instructions given in AIRBUS INDUTRIE Service Bulletin A320-27-1117.

**4) A320 aircraft with AIRBUS INDUSTRIE modification 22881 and without AIRBUS INDUSTRIE modification 22841 :**

**A.** Within 500 flight hours from November 30, 1996, unless already accomplished, perform an inspection in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3.

**B.** Depending upon the results of the inspection defined in paragraph 4)A. of this Airworthiness Directive, repeat this inspection at thresholds given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3 or apply corrective actions in accordance with the instructions given in AIRBUS INDUTRIE Service Bulletin A320-27-1117.

**5) A319 all models and A320 aircraft with AIRBUS INDUSTRIE modification 22841 :**

**A.** Within 500 flight hours from November 30, 1996 or before accumulation of 2500 flight hours, whichever occurs later, perform an inspection in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3.

**B.** Depending upon the results of the inspection defined in paragraph 5)A. of this Airworthiness Directive, repeat this inspection at thresholds given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3, or apply corrective actions in accordance with the instructions given in AIRBUS INDUTRIE Service Bulletin A320-27-1117.

**6) A321 aircraft with AIRBUS INDUSTRIE modification 23926 :**

**A.** Within 500 flight hours from November 30, 1996 or before accumulation of 5000 flight hours, whichever occurs later, perform an inspection in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3.

**B.** Depending upon the results of the inspection defined in paragraph 6)A. of this Airworthiness Directive, repeat this inspection at thresholds given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3, or apply corrective actions in accordance with the instructions given in AIRBUS INDUTRIE Service Bulletin A320-27-1117.

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7) A320 aircraft having received the repair defined in AIRBUS INDUSTRIE Service Bulletin A320-27-1066 (revision 3):

- A. Within 500 flight hours from November 30, 1996 or within 5000 flight hours from accomplishment of the repair, whichever occurs later, perform an inspection in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3.
- B. Depending upon the results of the inspection defined in paragraph 7)A. of this Airworthiness Directive, repeat this inspection at thresholds given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3 or apply corrective actions in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1117.

8) A321 aircraft having received the repair defined in AIRBUS INDUSTRIE Service Bulletin A320-27-1097 (original issue or revision 1) :

- A. Within 500 flight hours from November 30, 1996 or within 5000 flight hours from accomplishment of the repair, whichever occurs later, perform an inspection in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3.
- B. Depending upon the results of the inspection defined in paragraph 8)A. of this Airworthiness Directive, repeat this inspection at thresholds given in AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3 or apply corrective actions in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A320-27-1117.

For aircraft having yet been inspected in accordance with AIRBUS INDUSTRIE Service Bulletin A320-27-1066R4, A320-27-1097R1 and A320-27-1108 R1 or R2, subpart A) of each 8 above chapter are not applicable.

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This Revision 3 replaces Airworthiness Directive 1996-271-092(B) Revision 2 dated February 24 1999.

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REF. : AIRBUS INDUSTRIE Service Bulletin A320-27-1066 R5  
AIRBUS INDUSTRIE Service Bulletin A320-27-1050  
AIRBUS INDUSTRIE Service Bulletin A320-27-1097 R2  
AIRBUS INDUSTRIE Service Bulletin A320-27-1108 R3  
AIRBUS INDUSTRIE Service Bulletin A320-27-1117  
(or any further approved revisions of the above Service Bulletins).

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**EFFECTIVE DATES :**

**Original AD : NOVEMBER 30, 1996**  
**Revision 1 : OCTOBER 18, 1997**  
**Revision 2 : MARCH 06, 1999**  
**Revision 3 : AUGUST 21, 1999**