

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. : 2000-428-153(B) R1
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A319/A320/A321 aircraft

Inspection and modification of the MLG forward pintle pin cross bolt (ATA 32)

APPLICABILITY:

AIRBUS INDUSTRIE A319, A320 and A321 all models, all serial numbers without AIRBUS INDUSTRIE modification 28903 or 30044 in production or AIRBUS INDUSTRIE Service Bulletin A320-32-1213 in service.

REASONS:

To prevent the possibility of main landing gear collapse due to loss or rotation of the MLG forward pintle pin cross bolt.

This subject has already been treated by Airworthiness Directives 94-057-052(B) and 97-385-112(B) R1.

This new Airworthiness Directive restates requirements of both previous Airworthiness Directives and imposes application of AIRBUS INDUSTRIE Service Bulletin A320-32-1213 as the terminating action.

ACTIONS AND COMPLIANCE:

1. For A320 aircraft, all models, without AIRBUS INDUSTRIE modification 23573 or AIRBUS INDUSTRIE Service Bulletin A320-32-1119 [mandated by AD 94-057-052(B)]:

- Before accumulation of 20000 flights or during the next main landing gear overhaul, whichever comes first:
 - modify the MLG forward pintle pin cross bolt in accordance with the instructions of AIRBUS INDUSTRIE Service Bulletin A320-32-1119 and apply the inspection program as defined in paragraph 2 of this Airworthiness Directive up to accomplishment of paragraph 3 of this Airworthiness Directive,
- or
- modify the forward pintle pin cross bolt in accordance with AIRBUS INDUSTRIE Service Bulletin A320-32-1213.

2. For all aircraft, at the following 3 thresholds whichever occurs later:

- within 30 months from aircraft first entry in service or before accumulation of 2000 flights whichever comes first,

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or

- within 15 months or before 1000 flights whichever comes first from accomplishment of AIRBUS INDUSTRIE Service Bulletin A320-32-1119 or gear replacement,

or

- within 500 flights from December 27, 1997 (effective date of Airworthiness Directive 97-385-112(B) original issue):

- a) Perform a detail visual inspection of right and left MLG forward pintle pin cross bolt and apply if necessary the corrective actions as defined in accordance with AIRBUS INDUSTRIE Service Bulletin A320-32-1187.

For those Left and/or Right MLG legs which have already been inspected as per AOT 32-17 before Airworthiness Directive 97-385-112(B) R1 become effective, the one time torque check as defined in AIRBUS INDUSTRIE Service Bulletin A320-32-1187 must be performed at the following thresholds whichever occurs later:

- within 15 months or before 1000 flights, whichever comes first from last inspection as per AOT 32-17 R1

or

- within 500 flights from October 31, 1998 (effective date of Airworthiness Directive 97-385-112(B) Revision 1).

- b) Repeat the inspection defined in AIRBUS INDUSTRIE Service Bulletin A320-32-1187 at intervals not exceeding 15 months or 1000 flights whichever comes first or modify the forward pintle pin cross bolt in accordance with AIRBUS INDUSTRIE Service Bulletin A320-32-1213.

3. For all aircraft, before October 14, 2005 or during the next main landing gear overhaul, whichever comes later, modify the forward pintle pin cross bolt in accordance with AIRBUS INDUSTRIE Service Bulletin A320-32-1213.

No additional action is required after accomplishment of AIRBUS INDUSTRIE Service Bulletin A320-32-1213 on both right and left main landing gear side.

REF.: AIRBUS INDUSTRIE A319/A320/A321 AOT 32-17 dated October 29, 1997
AIRBUS INDUSTRIE A319/A320/A321 AOT 32-17 Rev 01 dated November 06, 1997
Service Bulletin AIRBUS INDUSTRIE A320-32-1119
(or any further approved revision)
Service Bulletin AIRBUS INDUSTRIE A320-32-1187
(or any further approved revision)
Service Bulletin AIRBUS INDUSTRIE A320-32-1213
(or any further approved revision).

This Revision 1 replaces original AD 2000-428-153(B) dated October 04, 2000.

EFFECTIVE DATES :

Original AD : OCTOBER 14, 2000
Revision 1 : DECEMBER 09, 2000