

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. : 94-244-012(B) R4
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A340 Aircraft

Main landing gear - Pivot pins

This Airworthiness Directive applies to A340 AIRBUS INDUSTRIE aircraft, models -211, -311 and -312 with the following configurations :

- **configuration 1** : AIRBUS INDUSTRIE Service Bulletin A340-32-4050 Rev.1 MSN 005 thru 034 inclusive and MSN 038.
- **configuration 2** : AIRBUS INDUSTRIE Service Bulletin A340-32-4058 Rev.1 MSN 021 thru 034 inclusive.
- **configuration 3** : AIRBUS INDUSTRIE Service Bulletin A340-32-4062 MSN 005 thru 034 inclusive.

CONFIGURATION 1 :

In order to detect a premature rupture of one of the shortening mechanism pivot pins on the main landing gear (LH and RH) whose subsequent loss may result in a significant reduction of the shock absorber capability, and lead to major damage to the inner top side of the main fitting (LH and RH), as well as the shortening mechanism and shock absorber, the following measures are rendered mandatory on the effective date of this Airworthiness Directive :

1. Perform within 7 calendar days following November 14, 1994 a visual inspection of the pivot pins of the main landing gear shortening mechanism (LH and RH), in accordance with the instructions given in AIRBUS INDUSTRIE A.O.T. 32-09 Rev.1 dated November 29, 1994 or AIRBUS INDUSTRIE Service Bulletin A340-32-4050 Rev.1.
2. Perform the greasing of main landing gear shortening mechanism main links (LH and RH), in accordance with the instructions given in AIRBUS INDUSTRIE A.O.T. 32-09 Rev.1 dated November 29, 1994 or AIRBUS INDUSTRIE Service Bulletin A340-32-4050 Rev.1.
3. Perform a repetitive visual inspection every 7 calendar days on the main landing gear shortening mechanism (LH and RH) of the pivot pins in accordance with the instructions given in AIRBUS INDUSTRIE A.O.T. 32-09 Rev.1 dated November 29, 1994 or AIRBUS INDUSTRIE Service Bulletin A340-32-4050 Rev.1.
4. Before the accumulation of 1500 cycles or within the 3 months (three months) counted from the effective date of this Airworthiness Directive whichever occurs later without exceeding 12 months (twelve months), replace the shortening mechanism pin and retraction mechanism pins of the main landing gear (LH and RH) in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A340-32-4050 and/or Service Bulletin A340-32-4050 Rev. 1, unless accomplished previously.

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AIRBUS INDUSTRIE
A340 Aircraft

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CONFIGURATION 2 :

In order to prevent a rupture of the forward pintle pin fitted to main landing gears due to grinding abuse, the following measures are rendered mandatory on the effective date of this Airworthiness Directive, unless already accomplished :

1. Before the accumulation of 1500 cycles or within the 3 months (three months) counted from the effective date of this Airworthiness Directive whichever occurs later without exceeding 12 months (twelve months), replace the forward pintle pins fitted to main landing gears in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A340-32-4058 and/or Service Bulletin A340-32-4058 Rev. 1, unless accomplished previously.

CONFIGURATION 3 :

In order to prevent a rupture of the bellcrank pin of the main landing gear shortening mechanism due to grinding abuse, the following measures are rendered mandatory on the effective date of this Airworthiness Directive, unless already accomplished :

Identify the Part-Numbers and Serial-Numbers of main strut and dressings in accordance with AIRBUS INDUSTRIE Service Bulletin A340-32-4062 paragraph 1(B).5 and depending upon the case, unless accomplished previously :

1. For the main strut and dressing, which Part Numbers and Serial Numbers which are listed in the MESSIER DOWTY Service Bulletin A33/34-32-44 :

Before the accumulation of 1500 cycles or within the 3 months (three months) counted from the effective date of this Airworthiness Directive whichever occurs later without exceeding 12 months (twelve months) replace the shortening mechanism bellcrank pin of the main landing gears in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A340-32-4062 linked to MESSIER DOWTY Service Bulletin A33/34-32-44.

2. For the main strut and dressing which Part Numbers and Serial Numbers which are listed in the MESSIER DOWTY Service Bulletin A33/34-32-45 :

No later than 10 460 cycles, replace the bellcrank subassembly of the shortening mechanism of the main landing gears in accordance with the instructions given in the AIRBUS INDUSTRIE Service Bulletin A340-32-4062 linked to MESSIER DOWTY Service Bulletin A33/34-32-45.

Ref.: A.O.T. AIRBUS INDUSTRIE 32-09 rev.1 dated Nov.29/1994
AIRBUS INDUSTRIE Service Bulletin A340-32-4050 Ed. Orig. ; Rev.1
AIRBUS INDUSTRIE Service Bulletin A340-32-4058 Ed. Orig. ; Rev.1
AIRBUS INDUSTRIE Service Bulletin A340-32-4062

This Revision 4 replaces the Airworthiness Directive 94-244-012(B) at revision 3.

EFFECTIVE DATES :

Original AD : from NOVEMBER 14, 1994
Upon receipt of the Telegraphic AD
Revision 1 : JANUARY 14, 1995
Revision 2 : JULY 01, 1995
Revision 3 : JULY 29, 1995
Revision 4 : SEPTEMBER 06, 1997