

# 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. : 87-100-080(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A300, A300-600, A310 Aircraft

#### NOSE LANDING GEAR BARREL

##### Barrel Upper Part Inspection

The present Airworthiness Directive applies to Airbus Industrie A300, A300-600, A310 all models, all aircraft serial numbers which do not have Airbus Industrie Modification N° 1257/S7730 (Service Bulletin AIRBUS N° A300-32-383 or A300-32-6020 or A310-32-2037) corresponding to MESSIER HISPANO BUGATTI Mod MHB 754 (Service Bulletin MHB N° 470632-605) embodied.

In order to prevent the development of fatigue cracks initiating from the holes located in the upper part of the barrel, proceed as follows :

- 1 - Ultrasonically inspect the two holes in accordance with AIRBUS INDUSTRIE Service Bulletin A300-32-382 or A300-32-6019 ou A310-32-2036 (MESSIER HISPANO BUGATTI Service Bulletin N° 470-32-604) within the following time limits :
  - before achieving 12 000 landings since new for barrels having achieving less than 11 500 landings since new on the present Airworthiness Directive effective date,
  - within 500 landings from the present Airworthiness Directive effective date for barrels having achieving 11 500 landings or more since new.
- 2 - Carry out the ultrasonic inspection required by the above paragraph at intervals not exceeding 1250 landings if :
  - no echo is detected
  - an echo having an amplitude less than or equal to 20 percent (20 %) of ultrasonic generator screen height is detected during the inspection required in paragraph 1.

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July 15, 1987

AIRBUS INDUSTRIE  
A300, A300-600, A310 aircraft

87-100-080(B)

**3 -** If an echo having an amplitude greater than 20 per cent (20 %) of ultrasonic generator screen height is detected during the ultrasonic inspection required in paragraph 1, carry out before further flight an eddy current inspection in accordance with AIRBUS INDUSTRIE Service Bulletin A300-32-382 (MHB Service Bulletin N° 470-32-604) to confirm the presence of a crack :

**3.1.** If no crack is detected during the eddy current inspection required at paragraph 3, then repeat the ultrasonic inspection required at paragraph 1, at intervals not exceeding 1250 landings.

**3.2.** If a crack is detected during that eddy current inspection required at paragraph 3, the affected barrel must be withdrawn from Service before further flight.

**NOTA :** The appliance of AIRBUS INDUSTRIE Service Bulletin A300-32-383 or A300-32-6020 ou A310-32-2037 corresponding to MESSIER HISPANO BUGATTI Service Bulletin N° 470-32-605 cancels the present Airworthiness Directive requirements.

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Cf. : Service Bulletin Airbus Industrie A300-32-382,  
A300-32-6019, A310-32-2036  
Service Bulletin MESSIER HISPANO BUGATTI N° 470-32-604.

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The present Airworthiness Directive requirements are in FRG by LTA n° 87-143.

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**EFFECTIVE DATE : JULY 25, 1987**