

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. : 88-143-088(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A300, A300-600 and A310 Airplanes

Lower aera of the nose landing gear barrel

The present Airworthiness Directive applies to AIRBUS INDUSTRIE Aircraft A300, A300-600 and A310, all models and all serial numbers without AIRBUS INDUSTRIE modification n° 1257/S8409 (AIRBUS INDUSTRIE Service Bulletin A300-32-389 or A300-32-6024 or A310-32-2041) referring to MESSIER - HISPANO - BUGATTI modification MHB 780 (MHB Service Bulletin n° 470-32-642).

In order to prevent the development of cracks on the lower part of the nose landing gear barrel, in the rotating tube stop to barrel attachment area, the following instructions are rendered mandatory.

- 1 - Perform an ultrasonic inspection of the six holes as per AIRBUS INDUSTRIE Service Bulletin n° A300-32-388 or A300-32-6023 or A310-32-2040 (MHB Service Bulletin n° 470-32-641) as follows :
 - a) Before accumulation of 12,000 landings since new for nose landing gear barrels which have logged less than 11,500 landings since new at the effective date of this AD.
 - b) Within 500 landings or 3 months, whichever occurs first, from the effective date of this AD for nose landing gear barrels which have logged 11,500 landings or more since new.
- 2 - Repeat the inspection described in the above paragraph at intervals not exceeding 1,250 landings in the following cases :
 - no ultrasonic echo is observed,
 - or - echo amplitude lower than or equal to ten percent (10 %) of ultrasonic generator screen height is observed, during the inspection described in paragraph 1.
- 3 - If an echo amplitude higher than ten percent (10 %) and below eighty percent (80 %) of ultrasonic generator screen height is observed during the inspection described in paragraphs 1 and 2, perform a visual inspection before the next flight as per AIRBUS INDUSTRIE Service Bulletin A300-32-388 or A300-32-6023 or A310-32-2040 (MHB Service Bulletin n° 470-32-641), to determine if the crack is visible.
 - a) f no crack is visible from the outside of the barrel, repeat this visual inspection before each flight up to the replacement of the nose landing gear barrel within 100 landings after discovery of the first echo.
 - b) if a crack is visible from the outside of the barrel, the barrel concerned must be removed from the aircraft before the next flight and scrapped.

.../...

y/C

November 2, 1988

AIRBUS INDUSTRIE
A300, A300-600 and A310 aircraft

88-143-088(B)

- 4 - If an echo amplitude higher than or equal to eighty percent (80 %) of ultrasonic generator screen height is observed during the inspections described in paragraphs 1 and 2, perform before the next flight a visual inspection as per AIRBUS INDUSTRIE Service Bulletin A300-32-388 or A300-32-6023 or A310-32-2040 (MHB Service Bulletin n° 470-32-641) to determine if the crack is visible.
- a) if no crack is visible from the outside of the barrel, one ferry flight for return to the main base is allowed before the barrel is removed from the aircraft.
- b) if a crack is visible from the outside of the barrel, the barrel concerned must be removed from the aircraft before the next flight and scrapped.

Ref. : Service Bulletins AIRBUS INDUSTRIE
A300-32-388, A300-32-6023, A310-32-2040
and A300-32-389, A300-32-6024, A310-32-2041

Service Bulletin MESSIER-HISPANO-BUGATTI
470-32-641 and 470-32-642

EFFECTIVE DATE : NOVEMBER 12, 1988