

AIRWORTHINESS DIRECTIVE

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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. : 82-86-47(B)
In case of any difficulty, reference should be made to the French original issue.**

AIRBUS INDUSTRIE A300 AIRCRAFT - ALL MODELS

MODIFICATION TO LANDING GEAR FOLLOWING TO FATIGUE TEST RESULTS

The present Airworthiness Directive is applicable to landing gears originally fitted on AIRBUS INDUSTRIE A300 aircraft of all models which MSN are given hereafter for either considered modification like as landing gear spares for which the modifications were not embodied.

Following to analysis of fatigue test results it proved to be a need to proceed with certain reinforcements before damages would appear as noticed while performing the tests. Embodiment of the following modifications is rendered mandatory for either one.

1. Main landing gear leg. Torque link hinge

- Applies to main landing gears originally fitted on A/C MSN 02 thru 052 inclusive (for details refer to SB).
- Accomplish embodiment of modification MHB 185 in accordance with SB MHB 470-32-065 and AI A300-32-077.
 - Before accumulation of 12 000 ldgs on A/C model B1 (A/C MSN 02).
 - Before accumulation of 16 000 ldgs on A/C models B2-100, B2-200, B2-300, B4-100, B4-200 and C4-200.

2. Main landing gear - Drag strut

- Applies to main landing gears originally fitted on A/C MSN 02 thru 40 inclusive (for details refer to SB).
- Accomplish embodiment of modification MHB 210 in accordance with SB MHB 470-32-110 and AI A300-32-114 before accumulation or 20 000 landings.

3. Main landing gear - Actuating cylinder - Reinforcement of end fitting

- Applies to actuating cylinders originally fitted on A/C MSN 04 thru 81 inclusive (for details refer to SB)
- Accomplish embodiment of modification MHB 227 in accordance with SB MHB 470-32-108 and AI A300-32-116.

- Before accumulation of 32 000 ldgs for actuating cylinders for which the modifications AI 1799 (MHB 252) and 2025 (M HB 311) were originally fitted.
- Before accumulation of 12 000 ldgs for actuating cylinders for which the modifications AI 1799 (MHB 252) and 2025 (M HB 311) were originally not fitted.

NOTE : SB MHB 470-32-128 and AI A300-32-123 pertain to modification AI 1799 (MHB 252). SB MHB 470-32-196 and AI A300-32-163 pertain to modification AI 2025 (MHB 311).

4. Main landing gear - Shock strut connecting rod

- Applies to main landing gears originally fitted on A/C MSN 02 thru 050 inclusive (for details refer to SB).
- Accomplish embodiment of modification MHB 151 and 161 in accordance with SB MHB 470-32-039 and MHB 470-32-040 and AI A300-32-096 and A300-32-076 before accumulation of 12 000 Ldgs

5. Main landing gear - Brace assembly actuating cylinder

- Applies to main landing gears originally fitted on A/C MSN 02 thru 031 inclusive (for details refer to SB).
- Accomplish embodiment of modification MHB 59 in accordance with SB MHB 470-32-031 and AI A300-32-036 before accumulation of 17 500 Ldgs.

6. Nose landing gear - Actuating cylinder

- Applies to nose landing gears originally fitted on A/C MSN 02 thru 08 inclusive (for details refer to SB).
- Accomplish embodiment of modification MHB 28 in accordance with SB MHB 470-32-033 and AI A300-32-904 before accumulation of 14 000 Ldgs.

The requirements of this A.D. are covered in FRG by LTA n° 82-110.

DATE OF ENFORCEMENT : JULY 20, 1982