

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. : 87-019-077(B) R1
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A300 Aircraft

Fuselage sections 13 and 14
Modification of longitudinal lap joints

The present Airworthiness Directive applies to AIRBUS INDUSTRIE A300 aircraft, all models up to and including serial number 107 except serial number 009 on which AIRBUS INDUSTRIE modification N6516 (Service Bulletin A300-53-206) has not been embodied.

In order to eliminate debonding and bulging of longitudinal lap joints in fuselage sections 13 and 14, embody the AIRBUS INDUSTRIE modification N6516 according to instructions of Service Bulletin A300-53-206, terminating the inspection program requirements of AD 84-140-064(B) for these concerned areas, as follows :

- A. -** On aircraft having accumulated less than 9 years since first flight at the effective date of the present Airworthiness Directive, the modification N6516 must be embodied before accumulation of 24,000 flights or 12 years since first flight (whichever is earlier).
- B. -** On aircraft having accumulated more than 9 years since firstflight at the effective date of the present Airworthiness Directive, the modification N6516 must be embodied
 - before accumulation of 26,000 flights or 15 years since first flight (whichever is earlier).

1/ On aircraft, at the effective date of the present Airworthiness Directive expected to receive the modification N6516 between 12 and 15 years since first flight, the following complementary actions have to be carried out :

- a)** Before accumulation of 12 years since first flight, inspect the inner fuselage doublers for delamination, if not yet repaired by external doublers, according to instructions of AIRBUS INDUSTRIE Service Bulletin A300-53-206.

On aircraft with more than 12 years since first flight at the effective date of the present Airworthiness Directive, this inspection has to be carried out within 6 months from this date.

- b)** Repeat these inspections at intervals not exceeding 3 years.
- c)** In case of debonding findings during inspections as per above referenced paragraphs **(a)** and **(b)**, repair pas per instructions of Service Bulletin A300-53-206 or SRM 53-10-20 within 6 months.

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2/ On aircraft, at the effective date of the present Airworthiness Directive expected to receive the modification N6516 between 24,000 and 26,000 flights since first flight, the following complementary actions have to be carried out :

- a)** Before accumulation of 24,000 flights since first flight, inspect the inner fuselage doublers for debonding and stringers 31LH and RH between frames 26 and 32 for cracks as per instructions of Service Bulletin A300-53-206.
- b)** Repeat these inspections at intervals not exceeding 5,000 flights.
- c)** In case of debonding findings during inspections as per above referenced paragraphs **(a)** and **(b)**, repair as per instructions of Service Bulletin A300-53-206 within 6 months.
- d)** In case of crack findings during inspections as per above referenced paragraphs **(a)** and **(b)**, contact immediately the manufacturer for definition of corrective actions.

NOTA 1

For aircraft in this area of longitudinal lap joints already repaired by an external doubler according to AIRBUS INDUSTRIE "Structural Repair Manual" Revision 46 or an equivalent approved solution, follow the instructions of Service Bulletin A300-53-206 defining the further actions.

NOTA 2

Service Bulletin A300-53-215 and A300-53-216 constitute either an equivalent approved solution complying for a part of the longitudinal lap joint area with the requirements of the present Airworthiness Directive.

NOTA 3

Application of the Service Bulletin A300-53-228 cancels the requirements of the present Airworthiness Directive.

CF. : Service Bulletin A300-53-206 dated December 1st, 1986
Service Bulletin A300-53-215 dated December 1st, 1986
Service Bulletin A300-53-216
Service Bulletin A300-53-228
or later approved revisions.

The requirements of the present Airworthiness Directive are eligible in FRG by LTA n° 87-11

| The present revision 1 cancels and replaces the original AD 87-019-077(B) dated February 4, 1987.

EFFECTIVE DATE : FEBRUARY 14, 1987
(same at the original issue)