

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.: 98-021-061(B)

In case of any difficulty, reference should
be made to the French original issue.

AIRBUS INDUSTRIE

A330 Aircraft

ATA 53 - Inspection of the lower sections of frame 48 to 53.2
at the stringer passage areas

Applicability :

This Airworthiness Directive applies to AIRBUS INDUSTRIE A330 aircraft models -301, -321, -322, -341 and -342 which have not received either AIRBUS INDUSTRIE modification 41652 or 43904 or AIRBUS INDUSTRIE Service Bulletin A330-53-3062.

Reasons :

To detect the presence and development of crack at an early stage in the flange of all the vertical and horizontal legs of the frame 48 to 53.2 at the stringer passage areas, LH and RH, as evidenced during fatigue tests and which could lead to a reduced structural integrity and extensive repairs.

Compliance :

The following measures are rendered mandatory on the effective date of this Airworthiness Directive, unless already previously accomplished :

Configuration 1 :

Aircraft fitted with Control Pressure Computer which have received AIRBUS INDUSTRIE modification 43475 or Service Bulletin A330-21-3027 (Cabin pressure Delta P = 593 mb) :

- 1.1 Before accumulation of 11000 flights, perform a High Frequency Eddy Current (HFEC) inspection of the flange of all the vertical and horizontal legs of the frame lower sections 48 to 53.2 at stringer passage areas, LH and RH, in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A330-53-3067.

.../...

d/JYR

January 28, 1998

AIRBUS INDUSTRIE
A330 Aircraft

98-021-061(B)

1.2 According to the inspection results, proceed in accordance with the instructions given in the flow chart (Figure 1) of AIRBUS INDUSTRIE Service Bulletin A330-53-3067.

1.3 If the terminating action is not fully accomplished as per paragraph 1.2, repeat the inspection and the requirements of paragraph 1.2 of this Airworthiness Directive at intervals not to exceed 2540 flights in accordance with the instructions given in the flow chart (Figure 1) of AIRBUS INDUSTRIE Service Bulletin A330-53-3067.

Configuration 2 :

Aircraft fitted with Control Pressure Computer have not received AIRBUS INDUSTRIE modification 43475 or Service Bulletin A330-21-3027 (Cabin pressure Delta P = 574 mb) :

2.1 Before accumulation of 12500 flights, perform a High Frequency Eddy Current inspection of the flange of all the vertical and horizontal legs of the frame lower sections 48 to 53.2 at stringer passage areas, LH and RH, in accordance with the instructions given in AIRBUS INDUSTRIE Service Bulletin A330-53-3067.

2.2 According to the inspection results, proceed in accordance with the instructions given in the flow chart (Figure 1) of AIRBUS INDUSTRIE Service Bulletin A330-53-3067.

2.3 If the terminating action is not fully accomplished as per paragraph 2.2, repeat the inspection and the requirements of paragraph 2.2 of this Airworthiness Directive at intervals not to exceed 2860 flights in accordance with the instructions given in the flow chart (Figure 1) of AIRBUS INDUSTRIE Service Bulletin A330-53-3067.

NOTE : No further action is required after accomplishment of AIRBUS INDUSTRIE Service Bulletin A330-53-3062 between frame 48 and 53.2, LH and RH.

Ref. : AIRBUS INDUSTRIE Service Bulletin A330-53-3067
(or any further approved revisions)
AIRBUS INDUSTRIE Service Bulletin A330-53-3062
(or any further approved revisions)

EFFECTIVE DATE : FEBRUARY 07, 1998