

# 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.: 1999-508-106(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A330 aircraft

Inspection of the lower sections of Frame 48 to 53.2  
at the stringer passage areas (ATA 53)

### APPLICABILITY:

This Airworthiness Directive applies to AIRBUS INDUSTRIE A330 aircraft models -301, 321, 322, 341, -342 which have not received either AIRBUS INDUSTRIE modification 41652 nor 43904 (or AIRBUS INDUSTRIE Service Bulletin A330-53-3062 at original issue or any further approved revision).

### REASONS:

1. 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 stringers passage areas, LH and RH, as evidenced during fatigue tests and which could lead to a reduced structural integrity and extensive repairs.
2. Airworthiness Directive 98-021-061(B) dealing with the same subject is cancelled and replaced by this Airworthiness Directive further to the more restrictive new flight hours and flight cycles thresholds defined by the manufacturer.

### COMPLIANCE:

The following measures are rendered mandatory unless already previously accomplished:

#### Configuration 1:

Aircraft which have received AIRBUS INDUSTRIE modification 43475 or Service Bulletin A330-21-3027

- 1.1. Before accumulation of 9100 flights or within 26180 flights hours since new, whichever occurs first, 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 R2.

- 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 A330-53-3067R2.
- 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 2000 flights or 8000 flight hours, whichever occurs first, in accordance with the instructions given in the flow chart (Figure 1) of AIRBUS INDUSTRIE Service Bulletin A330-53-3067 R2.

### Configuration 2:

Aircraft which have not received AIRBUS INDUSTRIE modification 43475 or Service Bulletin A330-21-3027:

- 2.1. Before accumulation of 10340 flights or 29750 flight hours since new, whichever occurs first, 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 R2.
- 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 R2.
- 2.3. If the terminating action, defined in the flow chart (Figure 1) of AIRBUS INDUSTRIE Service Bulletin A330-53-3067R2, is not fully accomplished as per paragraph 2.2, repeat the inspection and the requirements of paragraph 2.2 of this AD at intervals not to exceed 2300 flights or 9000 flight hours, whichever occurs first, in accordance with the instructions given in this flow chart.

**Note :** No further action is required after accomplishment of AIRBUS INDUSTRIE Service Bulletin A330-53-3062 at original issue or any further approved revision recommended by the manufacturer before accumulation of 2300 flights (for aircraft post mod 43475) or 2600 flights (for aircraft pre mod 43475).

REF.: AIRBUS INDUSTRIE Service Bulletin A330-53-3067 R2  
(Or any further approved revisions)  
AIRBUS INDUSTRIE Service Bulletin A330-53-3062  
(or any further approved revisions).

This Airworthiness Directive replaces AD 98-021-061(B) which is cancelled by its Revision 1.

**EFFECTIVE DATE : DECEMBER 25, 1999**