

# 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. : 1999-529-131(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A340 aircraft

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

#### APPLICABILITY:

This Airworthiness Directive (AD) applies to AIRBUS INDUSTRIE A340 aircraft models -211, -212, -213, -311, -312 and -313 which have not received either AIRBUS INDUSTRIE modification (Mod.) 41652 nor 43904 nor AIRBUS INDUSTRIE Service Bulletin (SB) A340-53-4065 at initial 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. AD 98-025-078(B) dealing with the same subject is cancelled and replaced by this AD 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:

1. Before accumulation of 7500 flights or 57300 flight 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 SB A340-53-4078 R2.
2. According to the inspection results, proceed in accordance with the instructions given in the flow chart (Figure 1) of SB A340-53-4078 R2.
3. If the terminating action, defined in flow chart (Figure 1) of SB A340-53-4078 R2, is not fully accomplished as per paragraph 2., repeat the inspection and the requirements of paragraph 2 of this AD at intervals not to exceed 1800 flights in accordance with the instructions given in this flow chart.

.../...

**Note:** No further action is required after accomplishment of SB A340-53-4065 at original issue or any further approved revision recommended by the manufacturer before accumulation of 2000 flights or 15400 flights hours.

---

**REF.:** AIRBUS INDUSTRIE Service Bulletin A340-53-4078 R2  
(Or any further approved revisions)  
AIRBUS INDUSTRIE Service Bulletin A340-53-4065  
(Or any further approved revisions).

---

This Airworthiness Directive replaces AD 98-025-078(B) which is cancelled by its revision 1.

---

**EFFECTIVE DATE : JANUARY 08, 2000**