

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. : 2001-578(B)
In case of any difficulty, reference should be made to the French original issue.

AIRBUS INDUSTRIE

A330 aircraft

Wings - Rear spar - Wire harness slot (ATA 57)

APPLICABILITY:

AIRBUS INDUSTRIE A330 aircraft, models -301, -321, -322, -341, and -342 except for aircraft on which the following AIRBUS INDUSTRIE modification or Service Bulletin (SB) has been embodied:

- AIRBUS INDUSTRIE modification 43503 or,
- SB A330-57-3055 original issue or any later approved revision.

REASONS:

Growth of the cracks initiating from the wire harness slot in the rear spar located between ribs 4 and 5 of the RH and LH wings was evidenced during fatigue tests.

This situation, if not corrected, could affect the structural integrity of this zone of the wings.

ACTIONS:

The following measures are rendered mandatory on the effective date of this Airworthiness Directive (AD):

Except if already accomplished, before accumulation of 16,500 flight cycles or 51,400 flight hours since the first flight of the aircraft, whichever occurs first,

1. Perform an eddy current inspection (HFEC) of the wire harness slot in the rear spar between ribs 4 and 5 and the bolt holes attaching the electrical connector support plate (RH and LH wings) in accordance with the instructions of SB A330-57-3055.
2. If cracks are detected, contact AIRBUS INDUSTRIE before carrying out the instructions in the next paragraph of this AD.
3. If no cracks are detected, cold expand the wire harness slot in the rear spar between ribs 4 and 5 and the bolt holes attaching the support plate of the electrical connectors (RH and LH wings) in accordance with the instructions of SB A330-57-3055.

REF.: AIRBUS INDUSTRIE Service Bulletin A330-57-3055
(any later approved revision is acceptable).

EFFECTIVE DATE : DECEMBER 08, 2001