

# AIRWORTHINESS DIRECTIVE

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*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. : 2001-579(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A340 aircraft

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

#### APPLICABILITY:

AIRBUS INDUSTRIE A340 aircraft, models -211, -212, -213, -311, -312, and -313 except for aircraft on which the following AIRBUS INDUSTRIE modification or Service Bulletin (SB) has been embodied:

- AIRBUS INDUSTRIE modification 43692 or,
- SB A340-57-4062, 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 the accumulation of 14,500 flight cycles or 75,400 flight hours since the first flight of the aircraft for the basic version of A340-200/-300 aircraft (pre-modification 41300) or,
- before the accumulation of 13,400 flight cycles or 70,000 flight hours since the first flight of the aircraft for the reinforced version of A340-200/-300 aircraft (post-modification 41300),

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 A340-57-4062.

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 A340-57-4062.

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REF.: AIRBUS INDUSTRIE Service Bulletin A340-57-4062  
(any later approved revision is acceptable).

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**EFFECTIVE DATE : DECEMBER 08, 2001**