

# 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. : 93-154-149(B)  
In case of any difficulty, reference should be made to the French original issue.

## AIRBUS INDUSTRIE

### A300 Aircraft

#### Ageing Structure Preventive Modification Program

This Airworthiness Directive applies to all AIRBUS INDUSTRIE A300 aircraft all certified models, all serial numbers except A300 B4-600 and A300 C4-600.

In June 1988, the FAA (Federal Aviation Administration) sponsored a conference on Ageing Aircraft by which the decision was taken to pay particular attention to those.

The ATA (Air Transport Association) and the AIA (Aerospace Industries Association) committed themselves to identify and to set up procedures to ensure continued structural integrity of old aircraft.

The working group appointed to review the AIRBUS INDUSTRIE A300 aircraft analyzed the in-service experience concerning Structure Service Bulletins of this aircraft.

The results led to render the embodiment of the following preventive modifications mandatory, at thresholds given by each of these Service Bulletins or within 1000 flights or within 12 months, whichever is later, from the effective date of this Airworthiness Directive.

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|-------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>1. S.B. A300-53-126</b><br><b>révision 8</b> | Fuselage - Reinforce strap and longitudinal joint between FR 7 and FR 80.             |
| <b>2. S.B. A300-53-146</b><br><b>révision 7</b> | Fuselage - Additional riveting of bonded stringers between FR 26 and FR 31, RH.       |
| <b>3. S.B. A300-53-226</b><br><b>révision 5</b> | Fuselage - Aft pressure bulkhead - Improve corrosion protection.                      |
| <b>4. S.B. A300-57-166</b><br><b>révision 2</b> | Wings - Structures - To introduce cold expansion on some front and center spar holes. |

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September 15, 1993

AIRBUS INDUSTRIE  
A300 Aircraft

93-154-149(B)

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|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5. <b>S.B. A300-57-167</b><br><b>révision 1</b> | Wings - Structures - Fronspar bottom boom between RIBS 6 and 7, 8 and 9 - reduce probability of cracks.                                                     |
| 6. <b>S.B. A300-57-168</b><br><b>révision 2</b> | Wings - Structures - Rear spar bottom boom – reduce the probability of cracks between RIB 1 and RIB 9 except in way of main landing gear reinforcing plate. |
| 7. <b>S.B. A300-57-180</b>                      | Cold working of center spar sealing angles <b>révision 1</b> outboard of RIB 8 adjacent to pylon attachment fitting.                                        |
| 8. <b>S.B. A300-57-185</b><br><b>révision 1</b> | Wings - Main skins - Replace bottom skin front spar attachment bolts between RIBS 1 and 6.                                                                  |
| 9. <b>S.B. A300-57-194</b><br><b>révision 1</b> | Wings - Front spar - Reduce the possibility of boom cracking at stringer and rimout plate, RIBS 10-11.                                                      |

**Note :** The modifications defined by the Service Bulletins in paragraphs 1), 2) and 3) above must be embodied in accordance with the thresholds given by each of these three Service Bulletins or within 1000 flights, whichever is later, following the effective date of December 22, 1990 in order to comply with the original Airworthiness Directive 90-222-116(B) dated 12/12/1990, some instructions of which have been introduced into the present Airworthiness directive.

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Ref. : AIRBUS INDUSTRIE Service Bulletins  
A300-53-126R8, -146R7, -226R5  
A300-57-166R2, -167R1, -168R2, -180R1,  
-185R1,-194R1  
Airworthiness Directive 90-222-116(B)

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**EFFECTIVE DATE : SEPTEMBER 25th 1993**