 Direction générale de l'aviation civile France GSAC publication	AIRWORTHINESS DIRECTIVE No F-1998-481-270 R2		Distribution: B	Issue date: November 12, 2003	Page: 1/2
	This Airworthiness Directive is published by the DGAC: <input checked="checked" type="checkbox"/> on behalf of EA SA, the Primary Airworthiness Authority for the affected product <input type="checkbox"/> as the Registration Airworthiness Authority for the affected aircraft			<i>Translation of "consigne de navigabilité" of same number. In case of difficulty, reference should be made to the French text.</i>	
	<p align="center">No person may operate an aircraft to which an Airworthiness Directive applies, except in accordance with the requirements of that Airworthiness Directive, unless otherwise agreed with the Authority of the State of Registry.</p>				
Corresponding foreign Airworthiness Directive(s): Not applicable			Airworthiness Directive(s) replaced: 1998-481-270 R1 dated July 12, 2000		
Person in charge of airworthiness: AIRBUS			Type(s): A300 and A300-600 aircraft		
Type certificate(s) No. 72 TCDS No. 145					
ATA chapter(s): 53		Subject: Fuselage - Aft fittings of frame FR40			

1. EFFECTIVITY:

AIRBUS A300 and A300-600 aircraft, all certified models except for A300F4-622R model, all serial numbers on which AIRBUS production modification No. 12170 has not been embodied.

2. REASONS:

This airworthiness Directive is issued in order to prevent propagation of cracks on the aft fittings of frame FR40 at stringers STGR 33 L/H and R/H of the fuselage, which would affect the structural integrity of the airframe.

Revision 2 of this AD reduces the scope of the "applicability" paragraph.

3. MANDATORY ACTIONS AND COMPLIANCE TIMES:

The following measures are rendered mandatory from the effective date of this Airworthiness Directive at original issue:


a) On the aircraft on which AIRBUS modification No. 10430 has not been embodied:

- modify the profile of frame FR 40 aft fittings and perform a High Frequency Eddy Current (HFEC) inspection, in accordance with the thresholds and the instructions of AIRBUS Service Bulletins A300-53-296 Revision 1 or A300-53-6048 Revision 1
- depending on the results of the first inspection, repeat the inspection once, in accordance with the thresholds defined by the referenced Service Bulletins
- depending on the results of the preceding inspection, repeat the inspection in accordance with the intervals and the instructions of the referenced Service Bulletins.

b) On the A300-600 aircraft on which AIRBUS modification No. 10430 has been embodied:

- perform a High Frequency Eddy Current inspection (HFEC) of frame FR40, in accordance with the thresholds and the instructions of AIRBUS Service Bulletin A300-53-6048 Revision 1
- depending on the results of the preceding inspection, repeat this inspection in accordance with the intervals and the instructions of AIRBUS Service Bulletin A300-53-6048 Revision 1.

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NOTE 1: Since the thresholds and intervals are defined on the basis of average flight times corresponding to each aircraft model, these values must be adjusted in accordance with the methods described in Service Bulletin A300-53-296 Revision 1 and A300-53-6048 Revision 1.

Accomplishment timescales for aircraft which are close to or above these thresholds are also defined in these Service Bulletins.

NOTE 2: Inform AIRBUS of all findings whatever they may be.

4. **REFERENCE PUBLICATIONS:**

AIRBUS Service Bulletin A300-53-296 Revision 1
 AIRBUS Service Bulletin A300-53-6048 Revision 1
 (Any later approved revision of these SB is acceptable).

5. **EFFECTIVE DATES:**

Original issue : December 12, 1998
Revision 1 : July 22, 2000
Revision 2 : November 22, 2003

6. **REMARK:**

For questions concerning the technical contents of this AD requirements, contact:

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SUPERSEDED