	AIRWORTHINESS DIRECTIVE No F-2005-095	Distribution: B	Issue date: June 08, 2005	Page : 1/2
	Direction générale de l'aviation civile France GSAC publication	This Airworthiness Directive is published by the DGAC on behalf of EASA, Airworthiness Authority of the State of Design for the affected product, part or appliance.	<i>Translation of « Consigne de Navigabilité » of same number. In case of difficulty, reference should be made to the French issue.</i>	
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.				
Corresponding foreign Airworthiness Directive(s): Not applicable		Airworthiness Directive(s) replaced: None		
Person in charge of airworthiness: AIRBUS SAS		Type(s): A340-500/600 aircraft		
Type certificate(s) No. EASA.A.015 TCDS No EASA.A.015				
ATA chapter: 53	Subject: Fuselage - Longitudinal cross brace between fuselage FR85 and FR86			

1. **EFFECTIVITY:**

AIRBUS A340 aircraft, models -541 and -642, all serial numbers, except for aircraft on which AIRBUS modification 52157 has been embodied in production or AIRBUS Service Bulletin (SB) A340-53-5009 has been embodied in service.

2. **REASONS:**

Fatigue tests have revealed the presence of cracks in the longitudinal cross brace attachment bracket connecting fuselage FR85 and FR86. This bracket is fitted on the vertical beam of FR86.


The consequence of the failure of the bracket is that the cross brace would be no longer correctly held. This would have no repercussions on the structural integrity of the fuselage but could lead, in the worst case, to an uncommanded movement of the trimmable horizontal stabilizer (THSA) which would affect the controllability of the aircraft.

For this reason, this Airworthiness Directive (AD) renders mandatory the structural modification of the attachment of the longitudinal cross brace to the vertical beam of FR86.

3. **MANDATORY ACTIONS AND COMPLIANCE TIME:**

The following actions are rendered mandatory on the effective date of this AD, unless already accomplished:

- Within 2,500 flights or 15,000 flight hours from the first flight of the aircraft, whichever occurs first, embody the structural modification at the rear of the fuselage between FR85 and FR86 in accordance with the instructions of SB A340-53-5009.

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4. REFERENCE PUBLICATIONS:

AIRBUS Service Bulletin A340-53-5009
(Any later approved revision of this SB is acceptable).

5. EFFECTIVE DATE:

June 18, 2005.

6. REMARK:

For questions concerning the technical contents of this AD's requirements, contact:
AIRBUS SAS - Office of Airworthiness - EAL - Fax: 33 5 61 93 45 80.

7. APPROVAL:

This AD is approved under EASA reference No 2005-4743 dated May 31, 2005.