	AIRWORTHINESS DIRECTIVE No F-2004-051	Distribution: B	Issue date: April 14, 2004	Page : 1/2
Direction générale de l'aviation civile France	This Airworthiness Directive is published by the DGAC: <input checked="" type="checkbox"/> on behalf of EASA, 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 issue.</i>	
GSAC publication	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		Type(s): A340-200/300 aircraft		
Type certificate(s) No. 183 TCDS No 183				
ATA chapter: 21, 53	Subject: Environmental/Air conditioning - Air conditioning pack ram air outlet ducts			

1. EFFECTIVITY:

AIRBUS A340-200 and A340-300 series aircraft, all certified models with the following serial numbers (MSN):

0002, 0003, 0004, 0117, 0133, 0150, 0151, 0152, 0154, 0156, 0157, 0158, 0159, 0160, 0161, 0163, 0164, 0166, 0167 and 0168.

2. REASONS:

An insufficient fatigue behavior of the ram air outlet duct structure may lead to traversing crack propagation and/or sheared rivet heads from the inside with, in the worst case, a bursting of the air outlet body and subsequent excessive hot air leakage blown onto the adjacent hydraulic bay leading to a significant temperature increase in this area.

To prevent a such situation, AIRBUS has developed an adaptation solution 44918S13336, which was embodied on some aircraft in production.


Analyses have shown that this adaptation solution does not prevent the initiation of cracks around a threshold of 12,000 Flight Cycles (FC).

Consequently, this Airworthiness Directive (AD) requires to modify the ram air outlet ducts of the two air conditioning packs of the aircraft which have received the adaptation solution 44918S13336.

3. MANDATORY ACTIONS AND COMPLIANCE TIME:

Unless already accomplished,

before the accumulation of 12,000 FC from the first flight, modify the ram air outlet ducts of the two air conditioning packs in accordance with the instructions of AIRBUS Service Bulletin A340-53-4139 Revision 01.

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4. REFERENCE PUBLICATION:

AIRBUS Service Bulletin A340-53-4139 Revision 01
(Any later approved revision of this SB is acceptable).

5. EFFECTIVE DATE:

April 24, 2004.

6. REMARK:

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

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7. APPROVAL:

This AD is approved under EASA reference No 2004-3661 dated April 06, 2004.