	AIRWORTHINESS DIRECTIVE No F-2005-092	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>	
	<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: 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: 92	Subject: Electric installation - Increase clearance between hydraulic pipe and route 3G at frame 53.8			

1. EFFECTIVITY:

AIRBUS A340 aircraft, models -541 and -542, and serial numbers in which AIRBUS modification 48937 has been embodied in production since, for aircraft on which AIRBUS modification 53085 or 53176 has been embodied in production since, in which AIRBUS Service Bulletin (SB) A340-92-5022 has been embodied in service.

2. REASONS:

In the production phase of an A340-500/-600 type aircraft on which AIRBUS modification 48937 had been embodied, insufficient clearance was observed between the electrical wiring line or route 3G and the hydraulic pipe at frame 53.8.

In order to satisfy certification regulatory requirements, installation directives state that all electrical wiring must be spaced at least 25 mm (0.98 in) from a pipe or the adjacent structure liable to contain a flammable fluid.

If the electrical sheath is altered by chafing with the hydraulic pipe, this situation, if not corrected, could lead to the creation of an electrical arc between route 3G and the pipe which may puncture the pipe and result in a potential risk of a fire starting in this zone.


3. MANDATORY ACTIONS AND COMPLIANCE TIME:

The following actions are rendered mandatory on the effective date of this Airworthiness Directive (AD) unless already accomplished:

- At latest within the 24 months following the effective date of this AD, modify route 3G/3E of the electrical cables at frame 53.8 in accordance with the instructions of SB A340-92-5022 Revision 1.

4. REFERENCE PUBLICATIONS:

AIRBUS Service Bulletin A340-92-5022 R1
Any later approved revision of this SB is acceptable.

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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 2005-4740 dated May 31, 2005

SUPERSEDED