

EASA	PROPOSED AIRWORTHINESS DIRECTIVE	
	<p>PAD No. : 05-028</p> <p>Date: 22 December 2005</p>	
<p>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>		
<p>Type Approval Holder's Name:</p> <p>AIRBUS SAS</p>	<p>Type/Model designation(s):</p> <p>A340-500/-600 aircraft</p>	
<p>TCDS Number: EASA.A.015</p>		
<p>Foreign AD: Not applicable</p>		
<p>Supersedure: None</p>		
<p>ATA 92</p>	<p>Electric installation - Modification of electrical bundles routing in yellow and blue hydraulic compartments</p>	
<p>Manufacturer(s):</p>	<p>AIRBUS SAS</p>	
<p>Applicability:</p>	<p>AIRBUS A340-500 and A340-600 aircraft, all certified models, all serial numbers, except those which have received in service AIRBUS Service Bulletin (SB) A340-92-5026 or in production:</p> <ul style="list-style-type: none"> - AIRBUS modification 54469 <p>and</p> <ul style="list-style-type: none"> - AIRBUS modification 54032, for those equipped with ABEX/PARKER hydraulic pumps installed by AIRBUS modification 47949. <p>Note: Aircraft equipped with hydraulic pumps EATON/VICKERS installed by AIRBUS modification 51476, are not concerned by AIRBUS modification 54032 but concerned by AIRBUS modification 54469.</p>	
<p>Reason:</p>	<p>Reports from operators and safety analyses conducted by the manufacturer have revealed that the electrical bundles which supply the flight control, fuel and hydraulic systems have insufficient clearances with the surrounding structure in the yellow and blue hydraulic compartments.</p> <p>In order to comply with regulatory certification requirements, the installation instructions specify that all electrical bundles must be spaced at least 25 mm (0.98 in) from a hydraulic pipe or the surrounding structure liable to contain a flammable fluid.</p>	

	If excessive chafing with the structure should alter an electrical bundle, this situation, if not corrected, could lead to the forming of an electric arc causing a potential risk of fire in these zones.
Effective Date:	Proposed 25 February 2006.
Compliance:	<p>Unless already accomplished, the following measures are rendered mandatory from the effective date of this Airworthiness Directive (AD):</p> <ul style="list-style-type: none"> - Not later than December 31, 2007, according to the configuration of the aircraft, modify, in the yellow and blue hydraulic compartments, the routing of the electrical bundles including the supports and tubular supports which hold them in accordance with the instructions of SB A340-92-5026.
Ref. Publications:	<p>AIRBUS Service Bulletin A340-92-5026</p> <p>(Any later approved revision of this SB is acceptable).</p>
Remarks:	<p>Comments regarding this PAD should be referred to Mr M. Capaccio, AD Focal Point, Certification Directorate, EASA. E-mail: ADs@easa.eu.int</p> <p>The closing date for comments is 26 January 2006</p>