

EASA	AIRWORTHINESS DIRECTIVE
	AD No.: 2012-0182 Date: 11 September 2012 Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.
This AD is issued in accordance with EC 1702/2003, Part 21A.3B. In accordance with EC 2042/2003 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [EC 2042/2003 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [EC 216/2008, Article 14(4) exemption].	
Type Approval Holder's Name : AIRBUS	Type/Model designation(s) : A330 aeroplanes
TCDS Number : EASA.A.004	
Foreign AD : Not applicable	
Supersedure : None	
ATA 92	Electric and Electronic Common Installation – Harness 5877VB in Section 19.1 – Replacement
Manufacturer(s):	Airbus (formerly Airbus Industrie)
Applicability:	Airbus A330-201, A330-202, A330-203, A330-223, A330-243, A330-223F, A330-243F, A330-301, A330-302, A330-303, A330-321, A330-322, A330-323, A330-341, A330-342 and A330-343 aeroplanes, manufacturer serial numbers: 1070, 1127, 1133, 1135, 1137, 1138, 1141, 1143, 1145, 1146, 1147, 1149, 1150, 1151, 1153, 1155, 1156, 1157, 1159, 1160, 1161, 1165, 1167, 1168, 1169, 1171, 1172, 1173, 1174, 1177, 1178, 1181, 1183, 1184, 1186, 1187, 1188, 1189, 1191, 1195, 1196 and 1202 inclusive.
Reason:	On a production aeroplane, it has been discovered that wires in harness 5877VB, installed in the Tail Cone (Section 19.1) and connected to the Auxiliary Power Unit starter, have a section smaller than required by design. Section 19 is a flammable fluid leakage zone, adjacent to a fuel tank (trim tank) and is open with Section 19.1. The results of the investigation show that this issue is a manufacturing quality issue. Airbus identified a list of other aeroplanes that are affected. This condition, if not corrected, could damage the wiring which may create an ignition source in an area that may contain fuel vapours, possibly resulting in an uncontrolled fire and subsequent loss of the aeroplane. To address this potential unsafe condition, Airbus developed Service Bulletin (SB) A330-92-3116 for aeroplanes in service. For the reasons described above, this AD requires the replacement of the affected wiring harness.
Effective Date:	25 September 2012

Required Action(s) and Compliance Time(s):	Required as indicated, unless accomplished previously: Within 24 months after the effective date of this AD, replace the harness 5877VB installed in Section 19.1 in accordance with the instructions of Airbus SB A330-92-3116.
Ref. Publications :	Airbus SB A330-92-3116 Original issue, dated 25 April 2012. The use of later approved revisions of this document is acceptable for compliance with the requirements of this AD.
Remarks :	1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 10 August 2012 as PAD 12-106 for consultation until 07 September 2012. No comments were received during the consultation period. 3. Enquiries regarding this AD should be referred to the Safety Information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu. 4. For any question concerning the technical content of the requirements in this AD, please contact: AIRBUS SAS –Airworthiness Office – EIAL, E- mail: airworthiness.A330-A340@airbus.com.