


EASA	AIRWORTHINESS DIRECTIVE																										
	<p>AD No.: 2006-0140R4</p> <p>Date: 17 April 2009</p> <p>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.</p>																										
<p>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].</p>																											
<p>Type Approval Holder's Name :</p> <p>Lufthansa Technik AG; SR Technics; Jet Aviation Basel, AG; CTT Systems AB</p>		<p>Type/Model designation(s) :</p> <p>CTT Systems AB Zonal Drying System, Part Numbers (P/N) as listed in the Applicability of this directive.</p>																									
<p>TCDS Number :</p>	<p>A number of Supplemental Type Certificates (STCs) have been identified that are affected by the requirements of this AD. For clarity, these are listed in the Applicability paragraph (Table 1) of this directive.</p>																										
<p>Foreign AD :</p>	<p>None</p>																										
<p>Revision :</p>	<p>This AD revises and replaces EASA AD 2006-0140R3 dated 19 February 2009</p>																										
<p>ATA 21</p>	<p>Air Conditioning - Zonal Drying System Deactivation</p>																										
<p>Manufacturer(s):</p>	<p>CTT Systems AB</p>																										
<p>Applicability:</p>	<p>CTT Systems AB Zonal Drying System P/N 1000-001, 2000-000, 2000-005, 2001-001, 2001-006, 3000-000 Rev.A, 3000-001, 3000-002 Rev.A and 3000-002 Rev.D, known to be installed in, but not limited to, Airbus A330-243 and A330-322; Boeing 737-700, 737-800, 747-400, and 767-300 series; Bombardier CL-600-2B19; and McDonnell Douglas MD-11 series aeroplanes.</p> <p>The following STCs have been identified to be affected by the requirements of this AD:</p> <p style="text-align: center;">Table 1</p> <table border="1" data-bbox="437 1715 1426 2083"> <thead> <tr> <th>STC Number</th> <th>Issued by</th> <th>Holder</th> <th>Applicable to</th> </tr> </thead> <tbody> <tr> <td>TA0259</td> <td>LBA</td> <td>Lufthansa Technik AG</td> <td>Airbus A330-322 (s/n 120)</td> </tr> <tr> <td>LBA.21E2.TA0270</td> <td>LBA</td> <td>Lufthansa Technik AG</td> <td>Bombardier CL-600-2B19</td> </tr> <tr> <td>LBA.21E2.TA0307</td> <td>LBA</td> <td>Lufthansa Technik AG</td> <td>Boeing 737-700</td> </tr> <tr> <td>LBA.21E2.TA0609</td> <td>LBA</td> <td>Lufthansa Technik AG</td> <td>Airbus A330-243</td> </tr> <tr> <td>LBA.21E2.TA0636*</td> <td>LBA</td> <td>Lufthansa Technik AG</td> <td>Boeing 737-800</td> </tr> </tbody> </table>			STC Number	Issued by	Holder	Applicable to	TA0259	LBA	Lufthansa Technik AG	Airbus A330-322 (s/n 120)	LBA.21E2.TA0270	LBA	Lufthansa Technik AG	Bombardier CL-600-2B19	LBA.21E2.TA0307	LBA	Lufthansa Technik AG	Boeing 737-700	LBA.21E2.TA0609	LBA	Lufthansa Technik AG	Airbus A330-243	LBA.21E2.TA0636*	LBA	Lufthansa Technik AG	Boeing 737-800
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Reason:	<p>One incident had been reported where the regeneration air ducting downstream of a Zonal Drying System P/N 3000-002, installed in a Boeing 747-400 aircraft, showed signs of premature material failure. As the root cause for the failure was initially not known, all other Zonal Drying Systems of similar design could have been affected by the same unsafe condition, therefore EASA AD 2006-0140-E mandated their de-activation.</p> <p>Investigation showed that such failure was caused by combustion of contaminants in the dryer unit.</p> <p>Revision 1 was issued following the development of a new dryer unit which removes this combustion risk.</p> <p>The installation of the new dryer unit is approved through the EASA STCs listed in Table 2 of the Required action and Compliance Time section of this AD and once installed in a subject aircraft corrects the unsafe condition and terminates the requirements of EASA AD 2006-0140-E. Consequently, the Zonal Drying System can be re-activated.</p> <p>Revision 2 was issued to correct the number of one STC listed in the Applicability section of this AD: it was No. Z 25-02-77 , it is No. Z 25-20-77.</p> <p>Revision 3 was issued to add two STCs in Table 2 of the Required action and Compliance Time section terminating the requirements of paragraph 1. of this AD.</p> <p>This Revision 4 is issued to add one more STC terminating the requirements of paragraph 1. and to update the revision number of STC EASA.A.S.02547 in Table 2 of the Required action and Compliance Time section of this AD.</p>																								
Effective Date:	25 May 2006																								
Required action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> 1. Before next flight after the effective date of this directive, switch off the Zonal Drying System installed in accordance with one of the STCs listed in Table 1 of the Applicability section of this AD and set system inoperative by pulling and securing the affected circuit breaker in accordance with relevant maintenance instructions. 2. On aircraft where the following STCs are installed, the requirements of paragraph 1. of this AD are no longer applicable and the Zonal Drying System accordingly modified can be re-activated: 																								

		Table 2			
		STC Number	Issued by	Holder	Applicable to
		EASA.A.S.03502 Revision 1	EASA	Lufthansa Technik AG	Bombardier CL-600-2B19
		EASA.A.S.03504 Revision 1	EASA	Lufthansa Technik AG	Boeing 737-700
		EASA.A.S.03505 Revision 1	EASA	Lufthansa Technik AG	Boeing 737-800
		EASA.A.S.03506 Revision 1	EASA	Lufthansa Technik AG	Boeing 747-400
		EASA.A.S.03507 Revision 1	EASA	Lufthansa Technik AG	Airbus A330-200
		EASA.A.S.02547 Revision 2	EASA	CTT Systems AB	Boeing 767-300
		EASA.A.S.03738	EASA	CTT Systems AB	Boeing MD 11
		EASA.A.S.03844 Revision 1	EASA	Jet Aviation AG	Boeing 737-700 IGW (s/n 32627)
Ref. Publications:	<p>CTT Systems AB Information Letters IL06-01 dated May 5, 2006, IL06-02 issue 2 dated May 8, 2006 and IL06-03 dated May 10, 2006; and (for Lufthansa Technik STCs only) Lufthansa Technik AG Service Information Letter LHT 06-001, Revision IR dated May 12, 2006.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>				
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. The safety assessment has requested not to implement the full consultation process and an immediate publication and notification. 3. Enquiries regarding this AD should be referred to the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu . 4. For any question concerning the technical content of the requirements in this AD, please contact CTT Systems AB P.O. Box 1042, S-611 29 Nyköping, Sweden – Ph.+46-(0)155-205900, Fax +46-(0)155-205925, E-mail: ctt@ctt.se or (for Lufthansa Technik STCs) Lufthansa Technik AG - Hamburg, Germany. Ph.: +49-(0) 40-5070-4747, Fax.: +49 (0) 40-5070-4855. E-mail: bernd.staffel@lht.dlh.de . 				