


EASA	AIRWORTHINESS DIRECTIVE
	<p>AD No.: 2012-0183R1</p> <p>Date: 28 September 2012</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>
This AD is issued in accordance with EC 748/2012, Part 21.A.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].	
Design Approval Holder's Name: 328 Support Services GmbH	Type/Model designation(s): 328-100 and 328-300 aeroplanes
TCDS Number:	EASA A.096
Foreign AD:	Not applicable
Revision:	This AD revises EASA AD 2012-0183 dated 12 September 2012, which superseded EASA AD 2007-0199 dated 25 July 2007, including the Correction dated 26 July 2007.
ATA 52	Doors – Passenger Door Hinge Supports – Modification
Manufacturer(s):	Dornier Luftfahrt GmbH; Fairchild-Dornier GmbH; AvCraft Aerospace GmbH
Applicability:	Dornier 328-100 aeroplanes, serial numbers 3005 through 3101, 3103, 3104, 3106, 3109, 3110, 3112, 3113, 3115, 3117 and 3119; and Dornier 328-300 aeroplanes, all serial numbers.
Reason:	<p>At least one incident occurred where, immediately after take-off, the passenger door of a Dornier 328 aeroplane completely opened. The flight crew reportedly had no cockpit indication or audible chime prior to this event. The aeroplane returned to the departure airfield and made an uneventful emergency landing. Substantial damage to the door, handrails, door hinge arms and fuselage skin were found.</p> <p>The subsequent investigation could not find any deficiency in the design of the main cabin door locking mechanism. In addition, no technical failure could be determined that precipitated the event. The flight data recorder showed that the door was closed and locked before take-off and opened shortly afterwards. Although final proof could not be obtained, the most likely way in which the door opened was that the door handle was inadvertently operated during the take-off run.</p> <p>In response to the incident, AvCraft (the TC holder at the time) developed a placard set to warn the occupants against touching the door handle, as well as a structural modification of the passenger door hinge supports described in Service Bulletin (SB) SB-328-52-460 and SB-328J-52-213 to make certain that the door does not separate from the aeroplane when inadvertently</p>

	<p>opened during flight, allowing a safe descent and landing.</p> <p>EASA issued AD 2007-0199 to require the installation of warning placards and modification as detailed in these SB instructions.</p> <p>Since that AD was issued, 328 Support Services GmbH (the current TC holder) have determined that certain fasteners, identified by Part Number (P/N) NAS6703U1 and P/N NAS6703U2, which were installed as part of the modification, have the wrong length and must be replaced.</p> <p>For the reasons described above, this AD retains the requirements of EASA AD 2007-0199, which is superseded, and requires replacement of the affected fasteners by the ones that have the correct length.</p> <p>This AD has been revised to correct and clarify the actions required by paragraph (3).</p>
Effective Date:	<p>Revision 1 : 01 October 2012</p> <p>Original issue : 26 September 2012</p>
Required Action(s) and Compliance Time(s):	<p>Required as indicated, unless accomplished previously:</p> <p>Re-statement of EASA AD 2007-0199:</p> <ol style="list-style-type: none"> (1) Within one month after 08 August 2007 [the effective date of EASA AD 2007-0199], install warning placards to the inside of the passenger door and service doors in accordance with AvCraft Aerospace GmbH Dornier 328 SB-328-11-454 or SB-328J-11-209, as applicable to aeroplane model. (2) Within one year after 08 August 2007 [the effective date of EASA AD 2007-0199], modify the passenger door hinge supports in accordance with AvCraft Aerospace GmbH Dornier 328 SB-328-52-460, or SB-328J-52-213, as applicable to aeroplane model. <p>New requirements of this AD:</p> <ol style="list-style-type: none"> (3) Within 6 months after 26 September 2012 [the effective date of the original issue of this AD], replace the 20 affected P/N NAS6703U1 fasteners, which were installed as part of the modification required by paragraph (2) of this AD, with P/N NAS6703U2 fasteners, in accordance with the instructions of 328 Support Services GmbH Dornier 328 SB-328-52-460 Revision 2 or SB-328J-52-213 Revision 1, as applicable to aeroplane model.
Ref. Publications:	<p>AvCraft Aerospace GmbH Dornier 328 Service Bulletins SB-328-11-454 and SB-328J-11-209, both dated May 03, 2004; and</p> <p>AvCraft Aerospace GmbH Dornier 328 Service Bulletins SB-328-52-460 and SB-328J-52-213, both dated February 04, 2005.</p> <p>328 Support Services GmbH Dornier 328 SB-328-52-460 Revision 2 dated 27 April 2010 and SB-328J-52-213 Revision 1 dated 30 November 2011.</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. Based on the required actions and the compliance time, EASA have decided to issue a Final AD with Request for Comments, postponing the public consultation process until after publication. 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

	<p>this AD, please contact: 328 Support Services GmbH, Postfach 1252, D-82231 Wessling, Federal Republic of Germany. Telephone: +49 (0)8153 88111 6666; Fax: +49 (0)8153 88111 6565, E-mail gsc.op@328support.de.</p>
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