


EASA	AIRWORTHINESS DIRECTIVE	
	<p>AD No.: 2010-0219</p> <p>Date: 21 October 2010</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 : Schweizer Aircraft Corporation</p>	<p>Type/Model designation(s) : 269 helicopters</p>	
<p>TCDS Number : United States (FAA) 4H12</p>		
<p>Foreign AD : None</p>		
<p>Supersedure : None</p>		
ATA 52	Doors – Door Hinge Plates – Modification / Replacement	
<p>Manufacturer(s):</p>	<p>Schweizer Aircraft Corporation (formerly Hughes Helicopters, Inc., Hughes Tool Company - Aircraft Division)</p>	
<p>Applicability:</p>	<p>Models 269A, 269A-1, 269B, 269C, 269C-1 and 269D helicopters, all serial numbers.</p>	
<p>Reason:</p>	<p>Reports have been received of occurrences where a cabin door separated from a Schweizer 269 helicopter in-flight. Investigation showed that the hinge pin became free when a serrated release pin came out of the hinge pin, as a result of which the door hinge pins disengaged from the door hinge assembly.</p> <p>This condition, if not detected and corrected, could lead to further cases of in-flight loss of a cabin door, possibly resulting in damage to the helicopter or injury to persons on the ground.</p> <p>To address and correct this unsafe condition, Schweizer has redesigned the hinges with caps to replace the open ends of the hinge pin receptacles and introduced this modified hinge on the production line.</p> <p>For in-service helicopters, Schweizer has issued modification instructions to weld a stainless steel rod on the open ends of the hinge pin receptacles, which will prevent the door hinge pins from falling out of the hinge pin receptacles when the serrated hinge pins are lost.</p> <p>For the reasons described above, this EASA AD requires the modification or replacement of all affected cabin door hinges.</p>	
<p>Effective Date:</p>	<p>04 November 2010</p>	

<p>Required Action(s) and Compliance Time(s):</p>	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Within the next 300 flight hours or 6 months, whichever occurs first after the effective date of this AD, modify all Part Number (P/N) 269A4755-7 door hinges in accordance with the instructions of Schweizer Service Bulletin (SB) B-292 (for Models 269A, 269A-1, 269B and 269C), or SB C1B-028 (for Model 269C-1) or SB DB-026 (for Model 269D), as applicable to helicopter Model, or replace all door hinges with new P/N 269A4755-13 door hinge halves that have been reconfigured with a cap welded to the outside end of the door hinge pin receptacle. (2) From the effective date of this AD, do not install a P/N 269A4755-7 door hinge on a helicopter, unless it has been modified in accordance with Schweizer SB B-292 (for Models 269A, 269A-1, 269B and 269C), or SB C1B-028 (for Model 269C-1) or SB DB-026 (for Model 269D), as applicable to helicopter Model.
<p>Ref. Publications:</p>	<p>Schweizer Aircraft Corporation SB B-292, SB C1B-028 and SB DB-026, all dated 24 October 2008.</p>
<p>Remarks :</p>	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD. 2. This AD was posted on 21 September 2010 as PAD 10-079 for consultation until 19 October 2010. No comments were received during the consultation period. 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: Schweizer Aircraft Corporation, Elmira/Corning Regional Airport 1250 Schweizer Road, Horseheads, New York 14845, United States of America. Telephone: +1 607-739-3821, Fax: +1 607-796-2488, E-mail: schweizer@sacusa.com.