


EASA	EMERGENCY AIRWORTHINESS DIRECTIVE
	<p>AD No : 2007- 0274-E</p> <p>Date: 19 October 2007</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.	
Type Approval Holder's Name :	Type/Model designation(s) :
Schweizer Aircraft Corporation	269D helicopters
TCDS Number : United States (FAA) 4H12	
Foreign AD : Not applicable	
Supersedure : None	
ATA 53	Fuselage – Aft Fuselage Assembly and Horizontal Stabiliser Attachment – Inspection / Repair / Modification
Manufacturer(s):	Schweizer Aircraft Corporation
Applicability:	Model 269D and 269D Configuration 'A' helicopters, serial numbers 0001 through 0062A inclusive, if equipped with 269D3300-1 Aft Fuselage Assemblies.
Reason:	<p>Cases of loose horizontal stabilizers and cracking of the extruded tailboom support structure on Model 269D helicopters have been reported to EASA and to Schweizer Aircraft Corporation, the holder of the affected design approval. If undetected, wear in the attachment brackets of the horizontal stabiliser can lead to its separation in flight, and cracks in the tailboom could result in loss of its effectiveness, which could ultimately lead to loss of control of the helicopter.</p> <p>Schweizer has now developed instructions, repairs and modifications, published in Service Bulletin (SB) DB-018.2, to address these problems.</p> <p>To detect early signs of wear in the attachment brackets of the horizontal stabiliser that can lead to its separation in flight and to detect cracks in the tailboom that can lead to loose of its effectiveness, this EASA Emergency Airworthiness Directive (AD) requires introduction of a daily before-first-flight inspection of the tailboom support structure for cracks, repair of any cracks before next flight and subsequent repetitive inspections and corrective actions, as necessary. In addition, this AD requires a structural modification of the forward horizontal stabiliser support brackets and installation of an inspection panel in the aft fuselage assembly.</p> <p>Note: On 23 March 2007, EASA published Safety Information Notice Number 2007-05 to address this safety matter.</p>
Effective Date:	23 October 2007

Compliance:	<p>Required as indicated, unless accomplished previously:</p> <ol style="list-style-type: none"> (1) Before next flight after the effective date of this AD and thereafter prior to the first flight of each day, inspect the aft fuselage tailboom support structure in accordance with Part I of the accomplishment instructions of Schweizer SB DB-018.2 dated 13 July 2007; (2) When cracks are found, before next flight, repair the structure in accordance with Part II of the accomplishment instructions of Schweizer SB DB-018.2 dated 13 July 2007; (3) Within 200 Flight Hours (FH) after accomplishment of any repair as required by paragraph (2) of this AD and thereafter at intervals not to exceed 200 FH, inspect the interior structure in accordance with Part II of the accomplishment instructions of Schweizer SB DB-018.2 dated 13 July 2007; <p>Note: The daily inspections as required by paragraph (1) of this AD are still required after any repair as required by paragraph (2) of this AD.</p> <ol style="list-style-type: none"> (4) Within the next 100 FH or 3 months, whichever occurs first after the effective date of this directive, modify the aft fuselage assembly and forward horizontal stabilizer support brackets in accordance with Part III of the accomplishment instructions of Schweizer SB DB-018.2 dated 13 July 2007.
Ref. Publications:	Schweizer SB DB-018.2 dated 13 July 2007 or later approved revisions.
Remarks :	<ol style="list-style-type: none"> 1. If requested and appropriately substantiated, EASA can accept Alternative Methods of Compliance for this AD. 2. The safety assessment has resulted in a decision not to implement the full consultation process but to proceed immediately with publication and notification. 3. Enquiries regarding this AD should be referred to the AD Focal Point, Certification Directorate, EASA; E-mail ADs@easa.europa.eu 4. For any questions 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, USA Phone: +1 (607) 739-3821 Fax: +1 (607) 796-2488 E-mail: schweizer@sacusa.com