



**Airworthiness  
Directive  
1998-391**

**Luffahrt-Bundesamt**  
Airworthiness Directive Section  
Hermann-Blenk-Str. 26  
38108 Braunschweig  
Federal Republic of Germany

**Schleicher**

**Effective Date: October 08, 1998**

**Affected:**

Kind of aeronautical product:	Powered Sailplane
Manufacturer:	Schleicher, Poppenhausen, Germany
Type:	ASH 26 E
Models affected:	all
Serial numbers affected:	all up to 26133
German Type Certificate No.:	883

**Subject:**

Inspection and exchange of the „rotor cooling air fan according TN1“, fitted at the engine AE 50 R made by Mid-West Engines LTD for the powered sailplanes which were modified prior to November 1997- Exchange of pages into the AFM.

**Reason:**

Contrary of the results of a 50 h test, it is possible that the white impellers according to TN 1 (Service Bulletin 001 issued by Mid-West) using a pulley wheel diameter of 32 mm can fail in operation due to cracks and breaking of the impeller blades. The failure can be favoured by engine operation with RPM above 6900.

**Action:**

Inspection and exchange of impellers and exchange of pages into the AFM in accordance with the Technical Note.

**Compliance:**

Inspection must be done before the next flight. Exchange of the impeller and the AFM-Pages in accordance with the instructions given in the Technical Note.

**Technical publication of the manufacturer:**

Alexander Schleicher ASH 26 E Technical Note No. 5 dated July 23, 1998 which becomes herewith part of this AD and must be obtained from Messrs.:

Alexander Schleicher GmbH & Co.  
Segelflugzeugbau

D-36163 Poppenhausen

Federal Republik of Germany

**Accomplishment and log book entry:**

Action to be accomplished by an approved service station and to be checked and entered in the log book by a licensed inspector.

**Holders of affected aircraft registered in Germany have to observe the following:**

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed