



**Airworthiness
Directive
97-009**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Lilienthalplatz 6
38108 Braunschweig
Federal Republic of Germany

Schleicher

Effective Date: January 30, 1997

Affected:

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

Subject:

Engine, engine internal air cooling

Reason:

Performance loss in the case of some few engine units has shown that the fan performance of the engine internal air cooling may be adversely affected under certain conditions. If a temperature alarm by the ILEC-engine control unit is not regarded or is not given because of a defective sensor (no temperature indication) as a possible consequence the engine will be operated at higher temperatures than possible and may become damaged gradually. For this reason there must be at once a better check of the cooling air temperature. In order to solve this problem generally the fan of the engine internal air cooling must be exchanged for an upgraded unit.

Action:

- a) Checking the cooling air temperature in flight and inspection of further engine unit parts.
- b) Improvement and change of the fan of the engine internal air cooling and exchange of the temperature sensor of the internal air cooling.

Compliance:

- a) Before the next flight.
- b) At the earliest possible date; immediately in case of increased cooling air temperature - but at latest during the next annual inspection.

Technical publication of the manufacturer:

Schleicher ASH 26 E Technical Note No. 1 dated November 12, 1996 which becomes herewith part of this AD and must be obtained from Messrs.:

Alexander Schleicher
Segelflugzeugbau

D-36163 Poppenhausen
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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.