Schleicher

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-38163 Poppenhausen
Federal Republic 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.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Claf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-254. Please note, that in case of any difficulty, reference should be made to the German issue!