DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39
[Docket No. 97–CE–104–AD]
RIN 2120–AA64

Airworthiness Directives; Alexander Schleicher Model ASK–21 Sailplanes

AGENCY: Federal Aviation Administration, DOT.

ACTION: Notice of proposed rulemaking (NPRM).

SUMMARY: This document proposes to adopt a new airworthiness directive (AD) that would apply to Alexander Schleicher (Schleicher) Model ASK–21 sailplanes. The proposed action would require inspecting the S-shaped rudder pedal tube for displacement, and correcting any displacement of the plastic tube. The proposed AD is the result of mandatory continuing airworthiness information (MCAI) issued by the airworthiness authority for Germany. The actions specified by the proposed AD are intended to prevent rudder control jamming, which, if not corrected, could result in loss of directional control of the sailplane. The proposed AD would require correcting the rudder tube is displaced, the proposed action would require correcting the placement of the plastic S-shaped rudder pedal tube for displacement. If the tube is displaced, the technical note requires that the displacement of the plastic tube be corrected.

The LBA classified this technical note as mandatory and issued AD 88–2 Schleicher, dated January 18, 1988, in order to assure the continued airworthiness of these sailplanes in Germany.

The FAA's Determination

The Alexander Schleicher Model ASK–21 sailplanes are manufactured in Germany and are type certificated for operation in the United States under the provisions of section 21.29 of the Federal Aviation Regulations (14 CFR 21.29) and the applicable bilateral airworthiness agreement. Pursuant to this bilateral airworthiness agreement, the LBA has kept the FAA informed of the situation described above. The FAA has examined the findings of the LBA, reviewed all available information including the service information referenced above, and determined that AD action is necessary for sailplanes of this type design that are certificated for operation in the United States.

Examination of the Provisions of the Proposed AD

Since an unsafe condition has been identified that is likely to exist or develop in other Alexander Schleicher Model ASK–21 sailplanes of the same type design registered in the United States, the proposed AD would require inspecting the plastic S-shaped rudder pedal tube for displacement. If the rudder tube is displaced, the proposed action would require correcting the placement of the plastic S-shaped rudder pedal tube. Accomplishment of the proposed inspection would be in accordance with the Actions sections 1.1, 1.2, and 1.3 of Alexander Schleicher Technical Note No. 20, dated October 16, 1987.

Proposed Compliance Time

The proposed action, the LBA AD, and the Alexander Schleicher Technical Note No. 20, dated October 16, 1987, differ on compliance time. The LBA AD and the Technical Note require that the inspection for displacement of the plastic tube be accomplished prior to further flight.
The FAA is proposing a calendar compliance time instead of hours time-in-service (TIS) because the service history on the U.S.-registered Alexander Schleicher Model ASK–21 sailplanes does not warrant a need for immediate compliance. Also, the average monthly usage of the affected sailplanes varies throughout the fleet. For example, one owner may operate the sailplane 25 hours TIS in one week, while another operator may operate the sailplane 25 hours TIS in one year. In order to ensure that all of the affected sailplanes have been inspected for displacement of the plastic S-shaped rudder tube and any displacement has been corrected within a reasonable amount of time, the FAA is proposing a compliance time of 6 calendar months.

**Cost Impact**

The FAA estimates that 30 sailplanes in the U.S. registry would be affected by the proposed AD, that it would take approximately 2 workhours per sailplane to accomplish the proposed action, and that the average labor rate is approximately $60 an hour. Parts cost approximately $5 (for glue) per sailplane. Based on these figures, the total cost impact of the proposed AD on U.S. operators is estimated to be $3,750 or $125 per sailplane.

**Regulatory Impact**

The regulations proposed herein would not have substantial direct effects on the States, on the relationship between the national government and the States, or on the distribution of power and responsibilities among the various levels of government. Therefore, in accordance with Executive Order 12612, it is determined that this proposal would not have sufficient federalism implications to warrant the preparation of a Federalism Assessment.

For the reasons discussed above, I certify that this action (1) is not a “significant regulatory action” under Executive Order 12866; (2) is not a “significant rule” under DOT Regulatory Policies and Procedures (44 FR 11034, February 26, 1979); and (3) if promulgated, will not have a significant economic impact, positive or negative, on a substantial number of small entities under the criteria of the Regulatory Flexibility Act. A copy of the draft regulatory evaluation prepared for this action has been placed in the Rules Docket. A copy of it may be obtained by contacting the Rules Docket at the location provided under the caption **ADDRESSES**.

**List of Subjects in 14 CFR Part 39**

Air transportation, Aircraft, Aviation safety, Safety.

**The Proposed Amendment**

Accordingly, pursuant to the authority delegated to me by the Administrator, the Federal Aviation Administration proposes to amend part 39 of the Federal Aviation Regulations (14 CFR part 39) as follows:

**PART 39—AIRWORTHINESS DIRECTIVES**

1. The authority citation for part 39 continues to read as follows:

   Authority: 49 U.S.C. 106(g), 40113, 44701.

   §39.13 [Amended]

   2. Section 39.13 is amended by adding a new airworthiness directive (AD) to read as follows:

   **Alexander Schleicher:** Docket No. 97–CE–104–AD.

   **Applicability:** Model ASK–21 sailplanes (serial numbers 21001 through 21345), certificated in any category.  

   **Note 1:** This AD applies to each sailplane identified in the preceding applicability provision, regardless of whether it has been modified, altered, or repaired in the area subject to the requirements of this AD. For sailplanes that have been modified, altered, or repaired so that the performance of the requirements of this AD is affected, the owner/operator must request approval for an alternative method of compliance in accordance with paragraph (d) of this AD. The request should include an assessment of the effect of the modification, alteration, or repair on the unsafe condition addressed by this AD; and, if the unsafe condition has not been eliminated, the request should include specific proposed actions to address it. Compliance Required within the next 6 calendar months after the effective date of this AD, unless already accomplished.

   To prevent rudder control jamming, which, if not corrected, could result in loss of directional control of the sailplane, accomplish the following:

   (a) Inspect the plastic S-shaped rudder pedal tube for displacement in accordance with the Actions sections 1.1, 1.2, and 1.3 of Alexander Schleicher Technical Note No. 20, dated October 16, 1987.

   (b) If there is any displacement of the plastic S-shaped rudder pedal tube, prior to further flight, correct the placement in accordance with the Actions sections 1.1, 1.2, and 1.3 of Alexander Schleicher Technical Note No. 20, dated October 16, 1987.

   (c) Special flight permits may be issued in accordance with sections 21.197 and 21.199 of the Federal Aviation Regulations (14 CFR 21.197 and 21.199) to operate the sailplane to a location where the requirements of this AD can be accomplished.

   (d) An alternative method of compliance or adjustment of the compliance time that provides an equivalent level of safety may be approved by the Manager, Small Airplane Directorate, Aircraft Certification Service, 1201 Walnut, suite 900, Kansas City, Missouri 64106. The request shall be forwarded through an appropriate FAA Maintenance Inspector, who may add comments and then send it to the Manager, Small Airplane Directorate.

   **Note 2:** Information concerning the existence of approved alternative methods of compliance with this AD, if any, may be obtained from the Small Airplane Directorate.

   (e) Questions or technical information related to Alexander Schleicher Technical Note No. 20, dated October 16, 1987, should be directed to Alexander Schleicher, Segelflugzeugbau, 6416 Poppenhausen, Wasseruppe, Federal Republic of Germany. This service information may be examined at the FAA, Central Region, Office of the Regional Counsel, Room 1558, 601 E. 12th Street, Kansas City, Missouri 64106.

   **Note 3:** The subject of this AD is addressed in German AD No. 88–2 Schleicher, dated January 18, 1988.

   Issued in Kansas City, Missouri, on February 5, 1998.

   John R. Colomy, 
   Acting Manager, Small Airplane Directorate, Aircraft Certification Service.

**DEPARTMENT OF TRANSPORTATION**

**Federal Aviation Administration**

**14 CFR Part 39**

[Docket No. 97–CE–103–AD]  
RIN 2120–AA64

**Airworthiness Directives; Alexander Schleicher Model ASK–21 Sailplanes**

**AGENCY:** Federal Aviation Administration, DOT.

**ACTION:** Notice of proposed rulemaking (NPRM).

**SUMMARY:** This document proposes to adopt a new airworthiness directive (AD) that would apply to Alexander Schleicher Model ASK–21 sailplanes that have certain modifications installed. The proposed action would require changing the sailplane flight manual's weight and balance information. The proposed AD is the result of mandatory continuing airworthiness information (MCAI) issued by the airworthiness authority for Germany. The actions specified by the proposed AD are intended to prevent the operator from using inaccurate weight and balance information provided in the sailplane flight manual (SFM), which, if not corrected, could lead to hazardous flight conditions.

**DATES:** Comments must be received on or before March 16, 1998.