

2010-04-15 SCHEIBE-Flugzeugbau GmbH: Amendment 39-16208; Docket No. FAA-2010-0125; Directorate Identifier 2010-CE-005-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective March 15, 2010.

Affected ADs

(b) None.

Applicability

(c) This AD applies to Model SF 25C gliders, serial numbers 44365 through 44370, 44372, 44374, 44375, and 44377 through 44450, certificated in any category.

Subject

(d) Air Transport Association of America (ATA) Code 55: Stabilizers.

Reason

(e) The mandatory continuing airworthiness information (MCAI) states:

The aileron hinges and the stabilizer are fastened with steel tube rivets and brass tube rivets.

During a complete overhaul, broken brass tube rivets have been detected. It has been determined that, due to production quality issue, the upset heads of the brass tube rivets could break under normal load conditions.

This condition, if not corrected, could possibly lead to loss of control of the powered sailplane. For the reason described above, this AD requires an inspection of the affected tube rivets and, if necessary, their replacement.

Actions and Compliance

(f) Unless already done, do the following actions in accordance with SCHEIBE AIRCRAFT GMBH Service Bulletin 653-64, dated November 10, 2009.

(1) Within the next 2 days after March 15, 2010 (the effective date of this AD), remove the paint of the tube rivet heads at the aileron-hinges at wing rib No. 16 (in the area located at the lower side of the wing), disconnect the aileron from the wings, disconnect the elevator from the stabilizer, and inspect the tube rivet heads at the stabilizer to fuselage fittings to determine if the tube rivet heads are steel or brass.

(2) If the aileron hinges and the stabilizer to fuselage fittings are connected to the ribs and the spar with steel tube rivets, no further action is required.

(3) If the aileron hinges or the stabilizer to fuselage fittings are connected to the ribs and the spar with brass tube rivets 8x0, 75 mm, before further flight after the inspection required in paragraph (f)(1) of this AD, replace the brass tube rivets with screws.

FAA AD Differences

Note: This AD differs from the MCAI and/or service information as follows: No differences.

Other FAA AD Provisions

(g) The following provisions also apply to this AD:

(1) Alternative Methods of Compliance (AMOCs): The Manager, Standards Office, FAA, has the authority to approve AMOCs for this AD, if requested using the procedures found in 14 CFR 39.19. Send information to ATTN: Greg Davison, Aerospace Engineer, FAA, Small Airplane Directorate, 901 Locust, Room 301, Kansas City, Missouri 64106; telephone: (816) 329-4130; fax: (816) 329-4090; e-mail: gregory.davison@faa.gov. Before using any approved AMOC on any airplane to which the AMOC applies, notify your appropriate principal inspector (PI) in the FAA Flight Standards District Office (FSDO), or lacking a PI, your local FSDO.

(2) Airworthy Product: For any requirement in this AD to obtain corrective actions from a manufacturer or other source, use these actions if they are FAA-approved. Corrective actions are considered FAA-approved if they are approved by the State of Design Authority (or their delegated agent). You are required to assure the product is airworthy before it is returned to service.

(3) Reporting Requirements: For any reporting requirement in this AD, under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 et seq.), the Office of Management and Budget (OMB) has approved the information collection requirements and has assigned OMB Control Number 2120-0056.

Related Information

(h) Refer to MCAI European Aviation Safety Agency (EASA) Emergency AD No. 2010-0011-E, dated January 25, 2010, and SCHEIBE AIRCRAFT GMBH Service Bulletin 653-64, dated November 10, 2009, for related information.

Material Incorporated by Reference

(i) You must use SCHEIBE AIRCRAFT GMBH Service Bulletin 653-64, dated November 10, 2009, to do the actions required by this AD, unless the AD specifies otherwise.

(1) The Director of the Federal Register approved the incorporation by reference of this service information under 5 U.S.C. 552(a) and 1 CFR part 51.

(2) For service information identified in this AD, contact Scheibe Aircraft GmbH, Am Flugplatz 5, 73540 Heubach, Germany; telephone: +49(0)7173 184286; fax: 4(0)7173 185587.

(3) You may review copies of the service information incorporated by reference for this AD at the FAA, Central Region, Office of the Regional Counsel, 901 Locust, Kansas City, Missouri 64106. For information on the availability of this material at the Central Region, call (816) 329-3768.

(4) You may also review copies of the service information incorporated by reference for this AD at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call (202) 741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.