

2010-04-11 Extra Flugzeugproduktions- und Vertriebs- GmbH: Amendment 39-16204; Docket No. FAA-2009-1025; Directorate Identifier 2009-CE- 055-AD.

Effective Date

(a) This airworthiness directive (AD) becomes effective March 30, 2010.

Affected ADs

(b) None.

Applicability

(c) This AD applies to the following model and serial number airplanes, certificated in any category:

(1) Model EA-300/200 airplanes, serial numbers (S/N) 01 through 31, and 1032 through 1043; and

(2) Model EA-300/L airplanes, S/N 01 through 170, 172, 173, 1171, and 1174 through 1299.

Subject

(d) Air Transport Association of America (ATA) Code 53: Fuselage.

Reason

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

The manufacturer has advised that the combination of a redesigned tail spring support with a stiffer tail spring and rough field operations has led to cracks in the tail spring support mounting base. Cracks have also been reported on aeroplanes already compliant with Part II of Extra Service Bulletin No. SB-300-2-97 issue A, as mandated by the LBA AD D-1998-001, dated 15 January 1998.

For the reasons stated above, this new AD mandates instructions for recurring inspections and modification in the area of the tail spring support in order to prevent separation of the tail landing gear which could result in serious damage to the airplane during landing.

Actions and Compliance

(f) Unless already done, do the following actions:

(1) Before further flight after March 30, 2010 (the effective date of this AD) and repetitively thereafter at intervals not to exceed 50 hours time-in-service, inspect the tail spring support for cracks in accordance with PART I of Extra Flugzeugproduktions- und Vertriebs- GmbH EXTRA Service Bulletin No. SB-300-2-97, Issue: C, dated September 24, 2009.

(2) If any crack is found as a result of the inspections required by paragraph (f)(1) of this AD, before further flight, modify the tail spring support structure as instructed in PART II of Extra Flugzeugproduktions- und Vertriebs- GmbH EXTRA Service Bulletin No. SB-300-2-97, Issue: C, dated September 24, 2009. Modification of the tail spring support structure terminates the repetitive inspections required in paragraph (f)(1) of this AD.

(3) You may at any time modify the tail spring support structure as instructed in PART II of Extra Flugzeugproduktions- und Vertriebs- GmbH EXTRA Service Bulletin No. SB-300-2-97, Issue: C, dated September 24, 2009, to terminate the repetitive inspections required in paragraph (f)(1) of this AD.

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. 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 AD No.: 2009- 0160, July 21, 2009 (corrected on July 28, 2009); and Extra Flugzeugproduktions- und Vertriebs- GmbH EXTRA Service Bulletin No. SB-300-2-97, Issue: C, dated September 24, 2009, for related information.

Material Incorporated by Reference

(i) You must use Extra Flugzeugproduktions- und Vertriebs- GmbH EXTRA Service Bulletin No. SB-300-2-97, Issue: C, dated September 24, 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 Extra Flugzeugproduktions- und Vertriebs-GmbH, Engineering Department/ Office of Airworthiness/Quality Assurance, Schwarze Heide 21, 46569 Hünxe, Germany; Fax: +49 (0) 2858-9137-30; E-Mail: extraaircraft@extraaircraft.com.

(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.