Airworthiness Directive

AD No.: **2019-0125**

Issued: **05 June 2019**

Note: This Airworthiness Directive (AD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 of that Regulation.

This AD is issued in accordance with Regulation (EU) 748/2012, Part 21.A.3B. In accordance with Regulation (EU) 1321/2014 Annex I, Part M.A.301, the continuing airworthiness of an aircraft shall be ensured by accomplishing any applicable ADs. Consequently, no person may operate an aircraft to which an AD applies, except in accordance with the requirements of that AD, unless otherwise specified by the Agency [Regulation (EU) 1321/2014 Annex I, Part M.A.303] or agreed with the Authority of the State of Registry [Regulation (EU) 2018/1139, Article 71 exemption].

Design Approval Holder's Name:

BUCHER LEICHTBAU AG

Modification:

Installation of Stretchers

Effective Date: 19 June 2019

STC Number(s): EASA Supplemental Type Certificate (STC) 10030758, formerly STC number EASA.A.S.03712

Foreign AD: Not applicable

Supersedure: None

ATA 25 – Equipment / Furnishing – 9G NGS XL StepX Stretcher 1120050-Series – Modification

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Manufacturer(s):

Bucher Leichtbau AG

Applicability:

Embraer ERJ 170-100 STD, ERJ 170-100 LR, ERJ 170-200 STD, ERJ 170-200 LR, ERJ 190-100 STD, ERJ 190-100 LR, ERJ 190-100 IGW, ERJ 190-100 ECJ, ERJ 190-100 SR, ERJ 190-200 STD, ERJ 190-200 LR and ERJ 190-200 IGW aeroplanes, all serial numbers (s/n), if modified to have an affected stretcher installed in accordance with EASA STC 10030758, formerly STC number EASA.A.S.03712.

Definitions:

For the purpose of this AD, the following definitions apply:

The SB: Bucher Leichtbau AG Service Bulletin (SB) 1120050-25-001.

Affected stretcher: 9G NGS XL StepX Stretcher 1120050-Series having Part Number (P/N) 1120050-000 and s/n 0001, 0002, 0003, 0004, 0005, 0006, 0007, 0008, 0009, 0010, or having P/N 1120050-010 and s/n 0002.

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Reason:

During a design review, a deficiency was identified on the affected stretchers, which might lead to exceeding the permissible aeroplane interface loads in the event of emergency landing conditions.

This condition, if not corrected, could lead to failure of the aeroplane floor structure, possibly resulting in injury to occupants.

To address this potential unsafe condition, Bucher Leichtbau issued the SB to provide instructions for modification and re-identification of affected stretchers.

For the reasons described above, this AD requires modification and re-identification of the affected stretchers, and provides additional requirements for installation thereof.

Required Action(s) and Compliance Time(s):

Required as indicated, unless accomplished previously:

Modification:

(1) Within 30 days after the effective date of this AD, modify and re-identify each affected stretcher in accordance with the instructions of the SB.

Part(s) installation:

(2) From the effective date of this AD, it is allowed to install an affected stretcher on any aeroplane, provided that, before installation, it has been modified and re-identified in accordance with the instructions of the SB.

Ref. Publications:

Bucher Leichtbau SB 1120050-25-001 original issue dated 29 January 2018.

The use of later approved revisions of the above-mentioned document is acceptable for compliance with the requirements of this AD.

Remarks:

1. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.

2. This AD was posted on 06 May 2019 as PAD 19-078 for consultation until 03 June 2019. No comments were received during the consultation period

3. Enquiries regarding this AD should be referred to the EASA Programming and Continued Airworthiness Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.

4. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the EU aviation safety reporting system.

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5. For any question concerning the technical content of the requirements in this AD, please contact: Bucher Leichtbau AG, Office of Airworthiness, E-mail: certification@bucher-group.com

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