



SUBJ: Equipment/Furnishings: Seat Belt Buckle Failure on Schroth Safety Products Rotary Buckles Restraint Systems

SAIB: CE-19-07
Date: May 2, 2019

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin (SAIB) informs registered owners and operators of a possible failure of rotary buckles used on Schroth Safety Products Restraint Systems, model numbers 4-01-(), 4-02-(), 4-03-(), 4-04-(), 1-09-043201BCR, 1-09-483D01, 510100-01, all dash numbers, all serial numbers, on aerobatic category airplanes.

At this time, the airworthiness concern is not an unsafe condition that would warrant airworthiness directive (AD) action under Title 14 of the Code of Federal Aviation Regulations (14 CFR) part 39.

Background

Schroth Safety Products has issued SB 40.073-25-01 dated July 7, 2017, to provide operators with guidelines for replacing rotary buckles on certain restraint systems. There have been reported cases that, during aerobatic flying, the movement of the restraint system may cause individual latches of the restraint system to unfasten from the buckle without prior activation of the release mechanism on the products listed above. This is due to the continuous loading applied to the straps during acrobatic flying and high abrasive wear of the retaining pins and the latches. This continuous loading could eventual lead to unintended release of the latches.

To address this issue, Schroth Safety Products has issued Service Bulletin (SB) 40.073-25-01 dated July 7, 2017, to provide operators with guidelines for replacing rotary buckles on certain restraint systems.

Recommendations

The FAA recommends that all owners and operators of aerobatic category airplanes equipped with Schroth Safety Products Harness Restraint Systems, model numbers 4-01-(), 4-02-(), 4-03-(), 4-04-(), 1-09-043201BCR, 1-09-483D01, 510100-01 all dash numbers, all serial numbers comply with Schroth Safety Products SB 40.073-25-01 dated July 7, 2017.

For Further Information Contact

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