



Safety Information Bulletin

Airworthiness – Operations

SIB No.: 2016-18R1

Issued: 18 July 2018

Subject: Dynamic Rollout during Hoisting and/or External Sling Load Operations

Revision:

This SIB revises EASA SIB 2016-18 dated 28 November 2016.

Ref. Publications:

- Civil Aviation Safety Authority (CASA) Airworthiness Bulletin (AWB) [25-030](#), Issue 1, dated 20 May 2015; and AWB [25-033](#) Issue 1, dated 09 July 2018.
- Federal Aviation Administration (FAA) Safety Alert for Operators (SAFO) [16015](#), dated 9 November 2016.
- Royal Canadian Air Force Investigation Report [CH149913-D-Cat](#) (Occurrence date: 14 November 2013).
- National Transportation Safety Board Investigation Report [WPR13GA338](#) (Occurrence date: 22 July 2013).
- Acceptable Means of Compliance (AMC) No 3 to [CS 27.865](#) and AMC No 2 to [CS 29.865](#) "External load operations using simple personnel-carrying device systems (PCDS)".

Applicability:

Rotorcraft operators performing hoist or external sling load operations.

Description:

CASA and the FAA have published the above-referenced advisory documents to advise operators of the possibility of an inadvertent load release caused by the phenomenon of dynamic rollout (or "ring reversal"), resulting in an accident.

Since SIB 2016-018 was issued, occurrence of a dynamic rollout was reported involving a dual-lock hoist hook. The subsequent investigation determined that the PCDS attaching ring and webbing depressed both latches on the locking gate of the hoist hook. Prompted by this event and investigation result, CASA issued AWB 25-033, recommending measures to avoid similar ring-hook disconnections. This SIB is revised to include reference to the new AWB as well as new EASA advisory material on PCDS.

At this time, the safety concern described in this SIB is not considered to be an unsafe condition that would warrant Airworthiness Directive (AD) action under Regulation (EU) [748/2012](#), Part 21.A.3B or an Operational Directive under Regulation (EU) [965/2012](#), Annex II, ARO.GEN.135(c).

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Recommendation(s):

After reviewing the available information, EASA supports the actions contained in CASA AWB 25-030, 25-033 and FAA SAFO 16015, and recommends the affected European operators to take those actions.

Contact(s):

For further information contact the EASA Safety Information Section, Certification Directorate.

E-mail: ADs@easa.europa.eu.

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