



## Safety Information Bulletin

Airworthiness

SIB No.: 2016-16R1

Issued: 24 May 2017

**Subject:** AMSAFE Restraint Systems – Jammed Cockpit Seat Belt Buckles

**Revision:**

This SIB revises EASA SIB 2016-16 dated 14 October 2016.

**Ref. Publications:**

AMSAFE Alert Service Bulletin (ASB) 1150004-25-A01 Revision 7 dated 15 March 2017.  
IPECO SB 063-25-11 Revision 2, dated 09 November 2016.

**Applicability:**

AMSAFE Rotary Buckles (RB) Part Numbers (P/N) 1150004-Series (see Figure 1 below), manufactured between December 2013 and April 2016 (inclusive).

The affected AMSAFE RBs are known to be installed on, but not limited to, IPECO pilot and co-pilot seat belt restraint systems assemblies (RSA), having the following P/Ns:

- 0150001-( )-( )
- 1180002-( )-( )
- 1180003-( )-( )
- 1180010-( )-( )
- 1180011-( )-( )

These RSA are known to be installed on, but not limited to, ATR 42 and ATR 72 aeroplanes.



Figure 1: 1150004-SERIES Rotary Buckles

**Description:**

Reports were received by EASA of occurrences where pilots were unable to release their seat belt buckles. This issue occurred on RSA, identified as IPECO P/N 1180010-( )-( ), equipped with AMSAFE RB P/N 1150004-Series. Investigation conducted by AMSAFE on RB P/N 1150004-Series concluded that the thread locker may not have been properly applied on the RB central screw. This is a quality production issue, which may lead to the central screw progressively unscrewing, up to a point where it would prevent the unlocking of the seat belt buckle.

This is information only. Recommendations are not mandatory.



Since EASA SIB 2016-16 was issued, AMSAFE determined, following new in-service events reported on seat belt buckle outside the initial batch, that the range of impacted seat belt buckles is to be extended. This SIB is revised accordingly.

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.

**Recommendation(s):**

EASA recommends operators to accomplish the actions as specified in AMSAFE ASB 1150004-25-A01, Revision 7. IPECO SB 063-25-11 Revision 2 also contains useful information and instructions concerning this safety subject.

**Contact(s):**

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

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For a copy the referenced service information, or any question concerning the technical content of the recommendations in this SIB, please contact:

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