



Notification of a proposal to issue an Airworthiness Directive

PAD No.: 16-152

Issued: 24 October 2016

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) 216/2008 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.

In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below.

All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation date indicated.

Design Approval Holder's Name:

IPECO HOLDING Ltd

Type/Model designation(s):

Type 3A063 flight crew seats

Effective Date: [TBD - standard: 14 days after AD issue date]

ETSO Authorisations: Civil Aviation Authority (CAA) of the United Kingdom (UK) Approval numbers, E12862, E12863 and E13323

Foreign AD: Not applicable

Supersedure: None

ATA 25 – Equipment / Furnishings – Pilot and Co-pilot Seats – Modification

Manufacturer(s):

Ipeco Holding Ltd (previously Ipeco Europe Ltd)

Applicability:

Type 3A063 pilot and co-pilot seats, identified by Part Number (P/N) in Appendix 1 of this AD, all serial numbers.

These seats are known to be installed on, but not limited to, ATR-GIE Avions de Transport Régional ATR 42 and ATR 72 aeroplanes.

Reason:

Occurrences have been reported of pilot/co-pilot unexpected rearward movement during take-off and landing. Investigations determined that horizontal guide block wear, presence of burrs on horizontal centre track, and horizontal track lock system weakness (spring tension too low) were various causes which contributed to the seat not being correctly locked.

This condition, if not corrected, could lead to further cases of unwanted flight crew seat movement, possibly resulting in reduced control of the aeroplane.



To address this potential unsafe condition, IPECO issued Service Bulletin (SB) 063-25-08, SB 063-25-09 and SB 063-25-10, providing modification instructions.

For the reason described above, this AD requires modification of the affected seats and subsequent re-identification with a new P/N.

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

Required as indicated, unless accomplished previously:

- (1) Within 2 years after the effective date of this AD, modify and re-identify each affected seat (see Note 1 of this AD) in accordance with the instructions of the applicable SB (see Note 2 of this AD).
- (2) Do not install (see Note 3 of this AD) an affected seat (see Note 1 of this AD) on any aeroplane, as required by paragraph (2.1) or (2.2) of this AD, as applicable:
 - (2.1) Group 1 aeroplanes (see Note 4 of this AD): After modification of that aeroplane as required by paragraph (1) of this AD.
 - (2.2) Group 2 aeroplanes (see Note 4 of this AD): From the effective date of this AD.

Note 1: For the purpose of this AD, an affected seat is a seat having a P/N identified as “old P/N” in Appendix 1 of this AD.

Note 2: IPECO SB 063-25-08, SB 063-25-09 and SB 063-25-10 are collectively referred to as “the applicable SB” in this AD.

Note 3: For the purpose of this AD, removal of a seat from an aeroplane and subsequent re-installation of that seat on that same aeroplane is not “installation” as specified in paragraph (2) of this AD.

Note 4: For the purpose of this AD, Group 1 are aeroplanes that, on the effective date of this AD, have an affected seat (see Note 1 of this AD) installed. Group 2 are aeroplanes that, on the effective date of this AD, do not have an affected seat (see Note 1 of this AD) installed.

Ref. Publications:

IPECO SB 063-25-08 original issue dated 31 May 2016.

IPECO SB 063-25-09 original issue dated 31 May 2016.

IPECO SB 063-25-10 original issue dated 31 May 2016.

The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.

Remarks:

1. This Proposed AD will be closed for consultation on 21 November 2016.



2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. For any question concerning the technical content of the requirements in this PAD, please contact: Ipeco Holdings Limited,
Aviation Way, Southend On Sea, Essex SS2 6UN, United Kingdom,
Telephone: +44 1702 209211, Fax: +44 1702 540782,
E-mail: Customersupport@ipeco.com.



Appendix 1 – Affected Seat P/N

This Appendix list all the affected seat P/N (column “Old P/N”) and the P/N after the modification required by paragraph (1) of this AD (column “New P/N”).

Table 1 – IPECO SB 063-25-08

Pilot Seats		Co-pilot Seats	
Old P/N	New P/N	Old P/N	New P/N
3A063-0033-01-1	3A063-0033-01-1Z	3A063-0034-01-1	3A063-0034-01-1Z
3A063-0033-01-2	3A063-0033-01-2Z	3A063-0034-01-2	3A063-0034-01-2Z
3A063-0033-01-3	3A063-0033-01-3Z	3A063-0034-01-3	3A063-0034-01-3Z
3A063-0033-01-4	3A063-0033-01-4Z	3A063-0034-01-4	3A063-0034-01-4Z
3A063-0033-01-5	3A063-0033-01-6	3A063-0034-01-5	3A063-0034-01-6
3A063-0033-02-1	3A063-0033-02-1Z	3A063-0034-02-1	3A063-0034-02-1Z
3A063-0033-02-2	3A063-0033-02-2Z	3A063-0034-02-2	3A063-0034-02-2Z
3A063-0033-02-3	3A063-0033-02-3Z	3A063-0034-02-3	3A063-0034-02-3Z
3A063-0033-02-4	3A063-0033-02-4Z	3A063-0034-02-4	3A063-0034-02-4Z
3A063-0033-02-5	3A063-0033-02-6	3A063-0034-02-5	3A063-0034-02-6



Table 2 – IPECO SB 063-25-09

Pilot Seats		Co-pilot Seats	
Old P/N	New P/N	Old P/N	New P/N
3A063-0035-01-1	3A063-0035-01-1Z	3A063-0036-01-1	3A063-0036-01-1Z
3A063-0035-01-2	3A063-0035-01-2Z	3A063-0036-01-2	3A063-0036-01-2Z
3A063-0035-01-3	3A063-0035-01-3Z	3A063-0036-01-3	3A063-0036-01-3Z
3A063-0035-01-4	3A063-0035-01-4Z	3A063-0036-01-4	3A063-0036-01-4Z
3A063-0035-01-5	3A063-0035-01-6	3A063-0036-01-5	3A063-0036-01-6
3A063-0035-02-1	3A063-0035-02-1Z	3A063-0036-02-1	3A063-0036-02-1Z
3A063-0035-02-2	3A063-0035-02-2Z	3A063-0036-02-2	3A063-0036-02-2Z
3A063-0035-02-3	3A063-0035-02-3Z	3A063-0036-02-3	3A063-0036-02-3Z
3A063-0035-02-4	3A063-0035-02-4Z	3A063-0036-02-4	3A063-0036-02-4Z
3A063-0035-02-5	3A063-0035-02-6	3A063-0036-02-5	3A063-0036-02-6
3A063-0035-03-1	3A063-0035-03-1Z	3A063-0036-03-1	3A063-0036-03-1Z
3A063-0035-03-2	3A063-0035-03-2Z	3A063-0036-03-2	3A063-0036-03-2Z
3A063-0035-03-3	3A063-0035-03-3Z	3A063-0036-03-3	3A063-0036-03-3Z
3A063-0035-03-4	3A063-0035-03-4Z	3A063-0036-03-4	3A063-0036-03-4Z
3A063-0035-03-5	3A063-0035-03-6	3A063-0036-03-5	3A063-0036-03-6
3A063-0035-04-1	3A063-0035-04-1Z	3A063-0036-04-1	3A063-0036-04-1Z
3A063-0035-04-2	3A063-0035-04-2Z	3A063-0036-04-2	3A063-0036-04-2Z
3A063-0035-04-3	3A063-0035-04-3Z	3A063-0036-04-3	3A063-0036-04-3Z
3A063-0035-04-4	3A063-0035-04-4Z	3A063-0036-04-4	3A063-0036-04-4Z
3A063-0035-04-5	3A063-0035-04-6	3A063-0036-04-5	3A063-0036-04-6
3A063-0035-05-1	3A063-0035-05-1Z	3A063-0036-05-1	3A063-0036-05-1Z
3A063-0035-05-2	3A063-0035-05-2Z	3A063-0036-05-2	3A063-0036-05-2Z
3A063-0035-05-3	3A063-0035-05-3Z	3A063-0036-05-3	3A063-0036-05-3Z
3A063-0035-05-4	3A063-0035-05-4Z	3A063-0036-05-4	3A063-0036-05-4Z
3A063-0035-05-5	3A063-0035-05-6	3A063-0036-05-5	3A063-0036-05-6
3A063-0037-01-1	3A063-0037-01-1Z	3A063-0038-01-1	3A063-0038-01-1Z
3A063-0037-01-2	3A063-0037-01-2Z	3A063-0038-01-2	3A063-0038-01-2Z
3A063-0037-01-3	3A063-0037-01-3Z	3A063-0038-01-3	3A063-0038-01-3Z
3A063-0037-01-4	3A063-0037-01-4Z	3A063-0038-01-4	3A063-0038-01-4Z
3A063-0037-01-5	3A063-0037-01-6	3A063-0038-01-5	3A063-0038-01-6



Table 3 – IPECO SB 063-25-10

Pilot Seats		Co-pilot Seats	
Old P/N	New P/N	Old P/N	New P/N
3A063-0079-01-1	3A063-0079-01-1Z	3A063-0080-01-1	3A063-0080-01-1Z
3A063-0079-01-2	3A063-0079-01-2Z	3A063-0080-01-2	3A063-0080-01-2Z
3A063-0079-01-3	3A063-0079-01-3Z	3A063-0080-01-3	3A063-0080-01-3Z
3A063-0079-01-4	3A063-0079-01-5	3A063-0080-01-4	3A063-0080-01-5
3A063-0079-02-1	3A063-0079-02-1Z	3A063-0080-02-1	3A063-0080-02-1Z
3A063-0079-02-2	3A063-0079-02-2Z	3A063-0080-02-2	3A063-0080-02-2Z
3A063-0079-02-3	3A063-0079-02-3Z	3A063-0080-02-3	3A063-0080-02-3Z
3A063-0079-02-4	3A063-0079-02-5	3A063-0080-02-4	3A063-0080-02-5
3A063-0079-03-1	3A063-0079-03-1Z	3A063-0080-03-1	3A063-0080-03-1Z
3A063-0079-03-2	3A063-0079-03-2Z	3A063-0080-03-2	3A063-0080-03-2Z
3A063-0079-03-3	3A063-0079-03-3Z	3A063-0080-03-3	3A063-0080-03-3Z
3A063-0079-03-4	3A063-0079-03-5	3A063-0080-03-4	3A063-0080-03-5

