



## Airworthiness Directive

**AD No.:** 2016-0256

**Issued:** 16 December 2016

Note: This Airworthiness Directive (AD) 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.

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 (EC) 216/2008, Article 14(4) exemption].

**Design Approval Holder's Name:**

IPECO HOLDING Ltd

**Type/Model designation(s):**

Type 3A063 flight crew seats

**Effective Date:** 30 December 2016

**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 improved the quality control on the final assembly line and 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:

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, 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.

- (1) For Group 1 aeroplanes: 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 4 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 3 of this AD): After modification of that aeroplane as required by paragraph (1) of this AD.
  - (2.2) Group 2 aeroplanes (see Note 3 of this AD): From the effective date of this AD.

Note 4: 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 5: For affected ATR aeroplanes, ATR issued SB ATR42-25-0191 and ATR72-25-1157, referencing the applicable IPECO SBs, and providing instructions to modify an aeroplane by installation of modified (new, or re-identified) seats.

**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. If requested and appropriately substantiated, EASA can approve Alternative Methods of Compliance for this AD.
2. This AD was posted on 24 October 2016 as PAD 16-152 for consultation until 21 November 2016. The Comment Response Document can be found at <http://ad.easa.europa.eu>.
3. Enquiries regarding this AD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu).
4. 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](mailto:Customersupport@ipeco.com).

Superseded



## 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

