



Notification of a Proposal to issue an Airworthiness Directive

PAD No.: 18-184

Issued: 21 December 2018

Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EU) 2018/1139 on behalf of the European Union, its Member States and of the European third countries that participate in the activities of EASA under Article 129 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:

Zodiac Aerosafety Systems

Type/Model designation(s):

Life Jacket / Infant – Small Child Life Jacket

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

ETSO Approval(s): EASA.21O.10050193; SFACT/N 970500

Foreign AD: Not applicable

Supersedure: None

ATA 25 – Equipment / Furnishing – Life Jacket – Removal / Repair

Manufacturer(s):

Zodiac Aerosafety Systems, previously Aerazur

Applicability:

Life Jackets, having a Part Number (P/N) 210225-2, and Infant/Small Child Life Jackets, having P/N 216200-0 or P/N 216203-0, and having a serial number as identified in Appendix 1 of this AD.

These life jackets are known to be installed on, but not limited to, ATR-GIE Avions de Transport Régional ATR 42 and ATR 72, Airbus A318/A319/A320/A321, Airbus A330, Airbus A340, Airbus A350 and Airbus A380 aeroplanes.

Definitions:

For the purpose of this AD, the following definitions apply:

The SB: Zodiac Aerosafety Systems Service Bulletin (SB) 25-65-33.

The repair SB: Zodiac Aerosafety Systems SB 25-65-34.



Affected part: Life Jackets, identified in the Applicability section of this AD, except those that have been repaired and re-identified in accordance with the instruction of the repair SB.

Serviceable part: Life jackets which are not an affected part.

Reason:

Defective welding around the inflation system has been reportedly found on certain life jackets on the production line. Subsequent investigation results identified a batch of life jackets which might be affected by this manufacturing defect.

This condition, if not corrected, could lead to inability of the life jacket to perform its intended function, possible resulting in injury to the user of that life jacket.

To address this potential unsafe condition, Zodiac Aerosafety Systems issued the SB, providing the list of affected parts, and the repair SB, providing instructions to repair affected parts.

For the reason described above, this AD requires replacement of affected life jackets, and allows their (re)installation on an aircraft only after having being repaired.

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

Required as indicated, unless accomplished previously:

Replacement:

- (1) Within 6 months after the effective date of this AD, remove each affected part from service and replace it with a serviceable part. In case a different P/N life vest is installed, using the instructions published by the Type Certificate Holder of the aircraft on which the life jacket is installed is an acceptable method to comply with the requirements of paragraph (1) of this AD for that aircraft.

Part(s) installation:

- (2) From the effective date of this AD, do not install (see Note 1 of this AD) an affected part on any aircraft.

Note 1: For the purpose of this AD, removal of a life jacket from an aircraft and subsequent re-installation of that life jacket on the same aircraft within the same maintenance visit is not "install" as specified in paragraph (2) of this AD.

Release to service:

- (3) From the effective date of this AD, do not release to service any affected part, unless it has been repaired and re-identified in accordance with the instructions of the repair SB.

Ref. Publications:

Zodiac Aerosafety Systems SB 25-65-33 dated 28 September 2018, or revision 1 dated 15 November 2018.

Zodiac Aerosafety Systems SB 25-65-34 dated 15 November 2018.



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

Remarks:

1. This Proposed AD will be closed for consultation on 18 January 2019.
2. Enquiries regarding this PAD should be referred to the EASA Safety Information Section, Certification Directorate. E-mail: ADs@easa.europa.eu.
3. Information about any failures, malfunctions, defects or other occurrences, which may be similar to the unsafe condition addressed by this PAD, and which may occur, or have occurred on a product, part or appliance not affected by this PAD, can be reported to the [EU aviation safety reporting system](#).
4. For any question concerning the technical content of the requirements in this PAD, please contact: Zodiac Services Technical Assistance Center
61 rue Pierre Curie, CS20001, 78373 Plaisir Cedex / France
Telephone: +33 970 830 830
E-Mail: zs.tac@zodiac aerospace.com.



Appendix 1 – Affected Life Jackets

Part Number	Serial Number
210225-2	91501 to 91561 inclusive
	91562 to 91691 inclusive
	91692 to 91792 inclusive
	91803 to 91874 inclusive
	91875 to 91934 inclusive
	91935 to 92009 inclusive
	92010 to 92208 inclusive
	92209 to 92218 inclusive
	92219 to 92220 inclusive
216200-0	159954 to 159955 inclusive
	159970 to 159977 inclusive
	159983 to 159989 inclusive
	159990 to 160006 inclusive
	160347 to 160379 inclusive
	160380 to 160404 inclusive
	160423 to 160424 inclusive
216203-0	160007 to 160096 inclusive
	160097 to 160111 inclusive
	160127 to 160146 inclusive
	160147 to 160156 inclusive
	160157 to 160166 inclusive
	160596 to 160605 inclusive
	160182 to 160346 inclusive
	160451 to 160585 inclusive
	160586 to 160595 inclusive
	160626 to 160645 inclusive
	160646 to 160665 inclusive

