



AIRWORTHINESS DIRECTIVE



Number: G-2022-0009

Issue date: 21 April 2022

Note: In this Airworthiness Directive, references to EU regulations are to those regulations as retained and amended in UK domestic law under the European Union (Withdrawal) Act 2018 and are referenced as "UK Regulation (EU) year/number or UK Regulation (EU) No. number/year".

This Airworthiness Directive (AD) is issued by the UK CAA in accordance with UK Regulation (EU) No. 748/2012 Part 21.A.3B, acting as the Authority of the State of Design for the affected product(s), under Article 34 of the Air Navigation Order 2016 (ANO) and UK Regulation (EU) 2018/1139.

In accordance with UK Regulation (EU) No. 1321/2014 Annex I (Part-M), M.A.301 / Annex VB (Part-ML), ML.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 or agreed by the CAA [Part-M, M.A.303 / Part-ML, ML.A.303].

Design Approval Holder's Name:

SURVITEC GROUP LIMITED

Type/Model Designation(s):

Lifejackets Type 102 Mk 3, 102 Mk 4 and 105 Mk 1

Effective Date:	05 May 2022
TSO:	ETSOA EASA.210.799 UK CAA Equipment Approval No. E15841
Foreign AD (if applicable):	Not Applicable
Superseding AD:	Not Applicable

ATA 25 - Equipment / Furnishings – Lifejackets – Inspection

Manufacturer:

Survitec Group Limited t/a RFD Beaufort Ltd.

Applicability:

Survitec Group Limited (hereafter referred to as "Survitec" in this AD) Lifejackets Type 102 Mk 3 (Adult) ,102 Mk 4 (Crew) and 105 Mk 1 (Infant).

Definitions:

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

Affected parts: Survitec Lifejackets Type 102 Mk 3 (Adult) ,102 Mk 4 (Crew) and 105 Mk 1 (Infant). Manufactured between 1 October 2018 and 30 April 2019 as identified in the SB.

Serviceable parts: Survitec Lifejackets Type 102 Mk 3 (Adult) ,102 Mk 4 (Crew) and 105 Mk 1 (Infant), that have been serviced in accordance with Alert Service Bulletin 25 - 207-A.

The SB: Alert Service Bulletin 25-207-A

RFD CMM: RFD (Survitec) Component Maintenance Manual

Reason:

Type 102 Mk 3 and Type 102 Mk 4 lifejackets are designed for use by an adult or child. Type 105 Mk 1 lifejackets are designed for use by an infant. Each is packed in a clear PVC valise, which is marked ADULT/CHILD, CREW, or INFANT.

Due to differences in parameters such as neck aperture and buoyancy, an infant lifejacket cannot be used by an adult or child; likewise, an adult/child lifejacket cannot be used by an infant.

Survitec has found that some lifejackets were packed in the wrong valise. This could cause incorrect lifejackets to be provided for passengers onboard an aircraft.

To address this potential unsafe condition, Survitec issued Alert Service Bulletin 25-207-A, to provide inspection instructions.

For the reasons described above, this AD requires a one-time inspection of each lifejacket and reporting the results of the inspection back to the manufacturer.

Required Actions and Compliance Time:

Required as indicated, unless accomplished previously: Check affected lifejackets as per Survitec Alert Service Bulletin 25-207-A Version 1 or later approved revisions.

Inspection:

- (1) Within 4 months after the effective date of this AD, perform inspection of lifejackets in accordance with Alert Service Bulletin 25-207-A.

Corrective Action:

- (2) If discrepancies are detected, remove, and replace the affected part with a new or serviceable part, during any inspection required by paragraph (1) of this AD,

Parts Installation:

- (3) Do not install an affected part on any aircraft unless the part has been inspected in accordance with Alert Service Bulletin 25-207-A Version 1 or later revisions.

Reporting:

- (4) Within 30 days after accomplishment of the inspection, as required by paragraph (1) of this AD, report the inspection results (including no findings) to Survitec. Using the inspection report attached to the SB is an acceptable method to comply with this requirement.

Reference Publications:

Alert Service Bulletin 25-207-A Version 1, dated 24 November 2021
RFD CMM 25-61-004
RFD CMM 25-61-101

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

Remarks:

1. This AD was originally posted on 25 February 2022 as PAD 1993 for consultation until 25 March 2022. The Comment Response Document (CRD) has been published at the same time as the AD, on our website page [List of UK Airworthiness Directives](#). Once the AD is incorporated into the CAA's [CAP 747: Mandatory Requirements for Airworthiness](#), the CRD can be requested via email Continued.Airworthiness@caa.co.uk
2. If requested and appropriately substantiated, CAA can approve Alternative Methods of Compliance for this AD.
3. Information about any failures, malfunctions, defects, or other occurrences, which may be similar to the unsafe condition addressed by this AD, and which may occur, or have occurred on a product, part or appliance not affected by this AD, can be reported to the CAA aviation safety reporting system [Occurrence reporting | Civil Aviation Authority](#). This may include reporting on the same or similar components, other than those covered by the design to which this AD applies, if the same unsafe condition can exist or may develop on an aircraft with those components installed. Such components may be installed under an FAA Parts Manufacturer Approval (PMA), Supplemental Type Certificate (STC) or other modification.
4. Enquiries regarding this Airworthiness Directive should be referred to:
Continued.Airworthiness@caa.co.uk
5. For any question concerning the technical content of the requirements in this AD, please contact:
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