



Civil Aviation Authority

# AIRWORTHINESS DIRECTIVE

Number: **G-2021-0004**

Issue date: 21 June 2021



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 by the CAA [UK Regulation (EU) No. 1321/2014 Annex I, Part M.A.303/ML.A.303] or as agreed with the Authority of the State of Registry.

Design Approval Holder's Name: <b>Survitec Group Limited</b>	Type/Model Designation(s): <b>Life Raft Heliraft 18R MK3</b>
TCDS:	ETSOA
Supersedure:	Not Applicable
ATA 25	<b>Equipment / Furnishings – Life Raft - Inspection</b>
Manufacturer(s):	Survitec Group Ltd. t/a RFD Beaufort Ltd.
Applicability:	Survitec Group Limited (hereafter referred to as "Survitec" in this AD) Life Raft with packed assembly P/N 00051054 (Port) and 00051055 (Starboard).
Definitions:	For the purpose of this AD, the following definitions apply:  <b>Affected part:</b> Survitec Life Raft Heliraft 18R MK3 with packed assembly P/N 00051054 (Port) and 00051055 (Starboard).  <b>Serviceable part:</b> Survitec Life Raft Heliraft 18R MK3 with packed assembly P/N 00051054 (Port) and 00051055 (Starboard) that have been serviced in accordance with Alert Service Bulletin 25- 197-A.  <b>The SB:</b> Alert Service Bulletin 25-197-A, Version 1 dated 19 June 2020

<b>Reason:</b>	<p>While carrying out life raft deployment test, the life raft did not inflate properly, and the main seam of the buoyancy chamber ruptured.</p> <p>Investigation determined that this issue was most likely caused by adhesive degradation as a result of harsh environmental conditioning over time.</p> <p>This condition, if not detected and corrected, could lead, in case of ditching, to failure of the life raft to inflate correctly, possibly affecting the safety of occupants during such an event.</p> <p>To address this potential unsafe condition, Survitec issued Alert Service Bulletin 25-197-A, to provide inspection instructions.</p> <p>For the reasons described above, this AD requires a one-time inspection of the seam and a life raft stretch test and reporting the results of the inspection back to the manufacturer.</p>
<b>Effective Date:</b>	05 July 2021
<b>Required Action(s) and Compliance Time(s):</b>	<p>Required as indicated, unless accomplished previously: Check affected life raft as per Survitec Alert Service Bulletin 25- 197-A Version 1 or later revisions.</p> <p><b>Inspection(s):</b>  (1) Within 12 months after the effective date of this AD, perform inspection and functional check of life raft in accordance with Alert Service Bulletin 25-197-A.</p> <p><b>Corrective Action(s):</b>  (2) If, during any inspection and functional checks as required by paragraph (1) of this AD, discrepancies are detected, remove and replace the affected part with a new or serviceable part.</p> <p><b>Parts Installation:</b>  (3) Do not install an affected part on any aircraft unless the part has been inspected and functionally checked in accordance with Alert Service Bulletin 25-197-A Version 1 or later revisions.</p> <p><b>Reporting:</b>  (4) Within 30 days after accomplishment of the inspection and functional check, 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.</p>
<b>Reference Publications:</b>	Alert Service Bulletin 25-197-A Version 1 RFD CMM 25-61-574.

<b>Remarks:</b>	<ol style="list-style-type: none"><li>1. This AD was published as Proposed AD 1978 and closed for consultation on 04 June 2021.</li><li>2. If requested and appropriately substantiated, CAA can approve Alternative Methods of Compliance for this AD.</li><li>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. 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.</li><li>4. Enquiries regarding this Airworthiness Directive should be referred to: <a href="mailto:Continued.Airworthiness@caa.co.uk">Continued.Airworthiness@caa.co.uk</a></li><li>5. For any question concerning the technical content of the requirements in this AD, please contact: Survitec Group Limited, Kingsway, Dunmurry, Belfast BT17 9AF Northern Ireland; Telephone +44 2890 301531, Facsimile +44 2890 621765; E-mail: <a href="mailto:Steve.Pickering@Survitecgroup.com">Steve.Pickering@Survitecgroup.com</a></li></ol>
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