



# 適航指令發布單

## Airworthiness Directive Issuance Form

民航局 AD 編號 AD number	CAA-2021-06-012	發布日期 Date issued	2021/7/5
適用之航空產品 Applied to (models, serial numbers or part numbers, as applicable)	Survitec Group Limited (hereafter referred to as "Survitec" in this AD) Life Raft with packed assembly P/N 00051054 (Port) and 00051055 (Starboard).		
主旨摘要	Equipment / Furnishings - Life Raft - Inspection		
民航局 CAA <input type="checkbox"/> 本國產品 Native products <input type="checkbox"/> 其他個案 Other	設計國民航主管機構 Original Authorities <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <input type="checkbox"/> FAA  <input type="checkbox"/> EASA  <input type="checkbox"/> Brazil  <input type="checkbox"/> Transport Canada Civil Aviation  <input type="checkbox"/> DGAC             </div> <div style="width: 48%;"> <input type="checkbox"/> Germany LBA  <input type="checkbox"/> CAA-NL  <input checked="" type="checkbox"/> UK CAA  <input type="checkbox"/> Japan CAB  <input type="checkbox"/> CAA of Israel  <input type="checkbox"/> Other _____             </div> </div>		
	設計國 AD 編號 Original AD number	G-2021-0004	
	1. 直接採用原 AD 之內容?(Is the original AD directly adopted?) <input checked="" type="checkbox"/> 是(Yes) <input type="checkbox"/> 否(No) _ a. 生效日期另訂為(Re-specify the effective date as) : _____ b. 執行時限另訂為(Re-specify the compliance time or period as) : _____ <input type="checkbox"/> 2. 使用人是否需要將 AD 執行結果向民航局提出報告?(Do <input type="checkbox"/> Users need to report the status of compliance to the CAA?) <input type="checkbox"/> 是(Yes) <input checked="" type="checkbox"/> 否(No)		
備註 Note	Ref.Alert Service Bulletin 25-197-A Version 1 RFD CMM 25-61-574.		
註： 1. AD 內容後附。 2. 航空器產品使用人得向民航局提出豁免、替代符合方法、執行時限之展延之申請。 3. 如有任何問題，請聯絡交通部民用航空局初始適航科。Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a> Note： 1. The AD text is enclosed. 2. Exemption, an alternative method of compliance or adjustment of the compliance time may be proposed to the CAA for approval. 3. For further information, please contact Civil Aeronautics Administration on Tel：(02)2349-6331~3, Fax：(02)2545-8464, e-mail： <a href="mailto:adcaa@mail.caa.gov.tw">adcaa@mail.caa.gov.tw</a>			



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:

**Survitec Group Limited**

Type/Model Designation(s):

**Life Raft Heliraft 18R MK3**

**TCDS:**

ETSOA

**Supersedure:**

Not Applicable

**ATA 25**

**Equipment / Furnishings – Life Raft - Inspection**

**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:

**Affected part:** Survitec Life Raft Heliraft 18R MK3 with packed assembly P/N 00051054 (Port) and 00051055 (Starboard).

**Serviceable part:** 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.

**The SB:** 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>
-----------------	---