



survitec

HELIRRAFT

NO.1 CHOICE LIFERAFT FOR OVER 30 YEARS

HELIRRAFT

THE ORIGINAL PIONEERS OF HELICOPTER SAFETY, AND STILL THE BEST

- Tried and tested in the most extreme emergencies
- Approved to the highest standards including UK CAA, EASA and FAA specifications
- Designed as a fully integrated part of the whole helicopter operation with rapid deployment and boarding solutions
- Complete range of essential complimentary aerospace survival equipment, including immersions suits, lifejackets and XDS systems

In the 1940s once the helicopter became proven and reliable, military organisations began to fly them over water, and with the offshore oil industry boom in the early 1970s, there was a rapid increase in the use of the helicopter for servicing rigs and transfer of crew. Most liferafts however were designed in isolation to the helicopter, causing problems such as difficulty with entry, problems with stowage and lengthy deployment sequences. This development created the need for advancements in integrated safety and survival equipment specific for the helicopter.

In 1984, the Civil Aviation Authority produced 40 recommendations from the Helicopter Airworthiness Review Panel for improving helicopter safety. Collaborating with 4 of the largest U.K. helicopter operators, Survitec (known then as RFD) created the Heliraft, the first fully integrated, helicopter specific liferaft. The entire North Sea Fleet of helicopters was fitted out with the RFD Heliraft by the end of 1995 and the Heliraft remains the equipment of choice for the fleet to this day. The design has continued to evolve meeting numerous stringent military and commercial requirements.

CONTINUING THE TRADITION...

When a helicopter ditches and the crew and passengers have a matter of seconds to make a decision, it is crucial they are equipped with the very best in lifesaving equipment to aid in their survival. The RFD Heliraft has accumulated over three decades of in service experience for both commercial and military applications and remains the benchmark standard against which modern aviation survival equipment is measured.

The RFD Heliraft remains a world leading brand in the design, development and manufacture of high quality safety and survival equipment. With over 90 years defence and aerospace experience, Survitec has the capacity, resources, technological knowledge and experience to meet the most demanding requirements.



RFD HELIRAFT BENEFITS

Rapid inflation time

Fully operational and boardable within 60 seconds

Full reversibility

Unique design ensures the raft is always the right way up

Dry shod boarding

Ensures immediate and easy access and post boarding safety from ditched helicopter

Improved entry from water

Inflatable, reversible boarding ramps allow optimal access to the raft from the water

Internal and external stowages

Customised to suit JAR OPS 3 helicopter compliance and safer, more effective stowages

Rapid exposure protection

Auto inflation and manual raising of canopy

Open platform design

Dramatically improved boarding and rescue phase

50% overload capacity

Built in design redundancy ensures enhanced safety and survivability for occupants

Reliable operation and performance in all temperatures

Optimised performance to weight ratio

Comprehensive size options

Accommodates broad crew and passenger numbers from 7 up to 18 persons



DIMENSIONS

Dimensions				
	F7R/7R	F10R/10R	F14R/14R	F18R/18R
Rated Capacity	7 persons	10 persons	14 persons	18 persons
Overload Capacity	11 persons	15 persons	21 persons	27 persons
Typical packed weight including survival pack (kgs)	29	34	39	48
Typical packed dimensions (cms)	72 x 38 dia (28.35" x 15.0" dia) 80 x 38 x 26 (31.5" x 15.0" x 10.25") 116 x 29 x 22 (45.67" x 11.40" x 8.66") 71 x 46 x 28 > 17 (27.95" x 18.11" x 11.0" > 6.69")	72 x 38 dia (28.35" x 15.0" dia) 160 x 33 x 17 (63.0" x 13.0" x 6.7") 81 x 39 x 28 (31.89" x 15.35" x 11.0") 87 x 48 x 21 (34.25" x 18.9" x 8.27")	82 x 38 dia (32.25" x 15.0" dia) 100 x 44 x 32 (39.37" x 17.32" x 12.60") 73 x 42 x 30 (28.74" x 16.54" x 11.81") 88 x 40 x 26 (34.65" x 15.75" x 10.24")	93 x 40 dia (36.61" x 15.75" dia) 72 x 54 x 34 (28.35" x 21.56" x 13.39")
Survival packs	Each liferaft can be configured with packs meeting CAA ANO Scales, FAR 91, 121, 135, JAR OPS 3 or specific customer requirements			
Optional extras	Optional equipment including customised survival packs, ELTs / PLBs and high intensity light units are available			



HELIRRAFT EXTERNAL DEPLOYMENT SYSTEMS (XDS)

In order to improve chances of survival, a Liferaft must be designed to incorporate every element specific to both helicopter's operating protocol as well as how it performs in an emergency situation. The RFD Heliraft was the first to be designed as an integrated part of the aircraft airframe ensuring efficient stowage, rapid deployment and inflation and quick and easy boarding. Over the past 30 years we have continued to develop our XDS systems to integrate the Heliraft into over numerous helicopter types. These include:

XDS Helicopter Platforms

- Airbus Helicopters H175, H225/Super Puma, NH90,
- Sikorsky S-76, S-92
- Leonardo Helicopters AW139, 169, 189, 101
- Bell 212/412



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ACROSS 6 CONTINENTS



Services available for our complete Aviation product range

- RFD Aerolite
- RFD Heliraft
- Immersion Suits
- Airline Lifejackets
- Helicopter Crew Lifejackets
- Helicopter Passenger Lifejackets
- Personal Locator Beacons
- Helicopter Floats
- Hydrostatic Cylinder Testing
- Pyrotechnics
- Emergency Breathing Systems
- Emergency Packs

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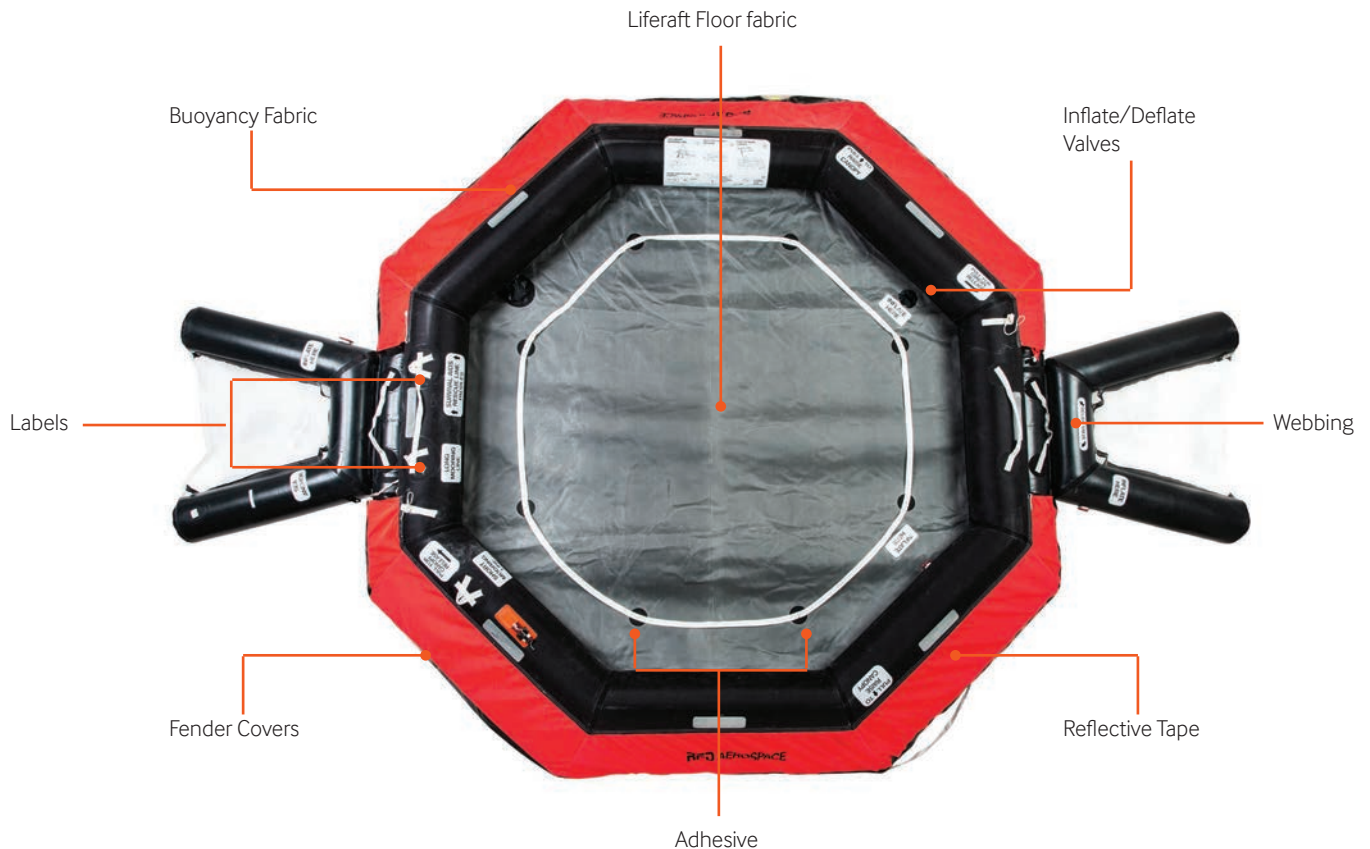
Email: aerospace.servicing@survitecgroup.com

Call us: +44 (0) 2890 30 1531

LIFERAFT SPARE PARTS

FULLY APPROVED
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Survitec supply replacement items for all liferafts, including raft components, inflation mechanisms, and auxiliary products such as lights, beacons and paddles.



Order your aerospace spares:

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THE
SURVITEC
STANDARD

At Survitec we believe when you purchase your equipment it is only the beginning of your relationship with us. Safeguarding lives through high quality safety equipment is at the heart of everything we do. With over 150 years' experience to our name, we ensure your equipment receives only the very best care and attention throughout its entire lifecycle.



GET IN TOUCH

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