Armoured Aircrew Life Preserver

• Optional fully integrated single seater liferaft now available
• Various levels of lightweight ballistic protection
• Certified and approved by a number of international air forces
• Extensive customisation available
The Survitec Group is your strategic partner in delivering and sustaining best value safety and survival solutions. Our mission is to provide unparalleled protection to our customer, enabling them to perform at their most efficient. With over 150 years in the marine, defence and aerospace industries, the Survitec Group has acquired unrivalled expertise and knowledge which we use to provide advanced, intelligent products to those customers who demand the best. Our quality control procedures and innovative designs ensure our products are the safest, most reliable and cutting-edge on the market.

The RFD Beaufort Armoured Aircrew Life Preserver, with optional integrated armour protection is designed to the highest UK MoD specification. Meeting the needs of both front crew (Mk61, Mk65) and rear crew (Mk60) within non-fast jet, fixed and rotary wing aircraft, our Armoured Life Preserver incorporates unique design and advanced technology. A fully integrated product, which couples marine survival floatation with complete armoured torso protection, it is intended for use by international defence organisations and national MoD’s. The Armoured Aircrew Life Preserver offers protection for aircrew deployed in hostile environments, without compromising comfort, movement or survival equipment storage, making it the ultimate defence under fire. Fully integrated and sanctioned for use on attack helicopters including Chinook, Apache, Lynx and Puma, the RFD Beaufort Armoured Aircrew Life Preserver has been successfully certified and approved by over 20 international Air Forces. It is currently undergoing several further international trials.
VEST - FRONT FEATURES

Flotation assembly
- Slim, detachable stole with high visibility once inflated.
- Standard buoyancy 150N.
- High buoyancy up to 220N (optional).

Whistle, Lanyard, Toggle and Buddy line

Personal Survival Pack Lanyards

Armour pocket as standard

Stowed lifting becket
- Load carrying ability when required.

MACS attachment system / Webbing
- Facilitates bespoke pocket configuration to suit individual preference or mission requirements.

Storage
- Flexible large capacity pockets for survival aids e.g. Short-Term Air Supply System, beacon and ammunition
- Replaceable components.

VEST - REAR FEATURES

PLB mounting facility (customer specific)

Infra-red Reflection Capability

VEST - REAR FEATURES

Liferaft
- Fully integrated back mounted single seater liferaft (Mk65.)

Armour
- Armoured pocket is standard on rear crew (Mk60, Mk61)

Enhanced material
- Military specification camouflage options.
- Inherently flame retardant.

Waist belt and side adjustment
- Ensures excellent fit at all times.
- Additional sizes up to 6 available at customer request.
OPTIONAL EXTRAS AND CUSTOMISATION AVAILABLE IN THE FOLLOWING AREAS.

Strop Karabiner
- Allows attachment to strong point in aircraft.

Armour
- Configurable with hard insert plates (ceramic or HMPE) and/or soft armoured panels.
- Front plate is concealed behind waistcoat on all variants.

Webbing Harness
- Integral fall arrest harness removes need for additional ‘dispatcher’s belt’.
- Quick-release lanyard enables efficient release in survival situations.

Crotch Strap/Leg restraint
- Supports aircraft ‘fallout’ retention.
- Supports aircraft ditching safety.

CUSTOMISATION OPTIONS

Our dedicated customisation team is available during every step of the design process to help customers tailor our product to fit their individual requirements. This unique service ensures that we surpass our competitor’s designs and guarantees we deliver a bespoke product to our discerning customer.

- Modular pockets can be easily attached and removed depending upon the mission requirements - providing versatility and efficient working practices.
- Unisex size roll ensures that the waistcoat fits comfortably on the wearer.
- Strops - Compatible aircraft strops are also available.
Integrated Single Seater Liferaft

The new Mk65 Armoured Life Preserver offers the wearer a detachable “back-mounted” single seater liferaft facility that has been specifically designed to replace the aircraft seat cushion when the aircraft is flown over water. This increases user operating envelope within the aircraft.

The single seater liferaft has an integrated design which implements wearer/aircraft dynamic to maximize user benefits.

- Unique design to reduce weight burden without compromising inflight operation.
- Reduced snagging potential.
- Single buoyancy chamber.
- Single layer floor.
- Single layer “full” body high visibility protective canopy.
- Low profile inflation system.

Safety features:

- Operating pull hand/toggle
- Integrated back-mounted liferaft
- Detachable mechanism
- Operating lanyard conduit
- Single seater liferaft

Mk65 shown in diagram
ARMoured benefits

Advanced, lightweight and customised protection.

With a number of tailored and customised levels of protection available the RFD Beaufort Armoured Aircrew Life Preserver is the only choice for armoured personnel.

- Ballistic protection available with soft armoured panels.
- Hard armoured insert plates with the ability to stop a 7.62mm full metal jacket AP.
- Contoured ballistic plates offer maximum protection while reducing overall product weight.
- Unique hard armoured insert plate design offers multi-hit protection.
- Range of ballistic performance levels available to meet international standards including HOSDB (Home Office Scientific Development Branch), ISO 14876 and NIJ (National Institute of Justice) Standards.
- The floatation device, modular pockets and ballistic plates are all quick and easy to add/remove ensuring optimum mission flexibility over both land and sea.
- Compatible with an optional fragmentation vest for additional protection.

key benefits

RFD Beaufort Armoured Aircrew Life Preservers ensure optimum aircrew performance and manoeuvrability.

- Armoured pockets are modular and can be tactically positioned for optimum performance,
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Quality Management System approved to BS EN ISO 9001
and AS EN 9100
DAOS (Design Approved Organisation Scheme) Approval with UK
MoD to DEF Standard 05-123 – Military Airborne Equipment.

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