

Survival Equipment

RFD Pilot 4/6 Person Liferaft

The RFD Pilot Liferaft has been specifically designed for use in small aircraft where size and weight is a particular concern. Ideal for offshore use in aircraft with up to 6 person capacity. The design features a lightweight, square-shaped, single-chamber design in yellow single-ply, polyurethane coated nylon. It has a 4-6 person capacity and features a self-erecting high-visibility fluorescent canopy with Velcro seal to secure the entrance against the elements. Under-floor water pockets generate stability and there is a boarding strap at the entrance.



- internal and external lifelines, rescue line and quoit,
- sea anchor emergency pack
- top-up pump bailer
- hand flares sea-sickness tablets
- paddle signal mirror
- leak stoppers safety knife
- Inflation time 11 seconds
Self-erecting canopy
- Boarding strap and seal-able entrance
- Packed in a soft valise
- Full equipment and emergency package included
- Packed dimensions 30 x 60 x 16cm, weight 12kg



RFDPILOT

£1199.00 H

AFE GA-2 Aircrew lifejacket

We've always been particular about safety equipment here at AFE, so when we found a lifejacket that exceeded the performance of our top-selling GA-1 lifejacket, we were interested. When we found that it cost less than the GA-1 we were sceptical. When we saw it, we were convinced!

The NEW AFE GA-2 lifejacket offers a class-leading 175N of buoyancy. The CE standard for lifejackets, EN396, specifies a minimum 150N of buoyancy, so this exceeds the spec. (and the GA-1) by over 15%. The GA-2 retains the internal seams of the GA-1, so reducing the risk of chafing, and the durable outer stole in two-tone blue & red covers a high-vis bladder with retro-reflective tape for improved night visibility. Heavy-duty webbing straps with non-magnetic fittings, a detachable crotch strap, sea light, whistle and sprayhood are supplied as standard.

Features:

- Constructed to EN396 specification, fully tested & approved
- Increased buoyancy, 175N
- Manual inflation
- Top quality webbing and fittings, tough abrasion-resistant outer cover
- Oral top-up tube
- Sea-light
- Detachable crotch strap
- Sprayhood (reduced risk of water ingestion, and reduced heat loss)

AFE GA-2 aircrew lifejacket
GA2

£85.95 F

Also available "Lite" without crotch strap and sprayhood pack, the GA2 Basic version offers the improved GA-2 lifejacket performance, without the extra accessories, for occasional use.

AFE GA-2 basic aircrew lifejacket
GA2BASIC

£69.95 D



Survival Equipment

Fastfind PLB & Fastfind Plus PLB



The McMurdo Fastfind and Fastfind Plus are Personal Locator Beacons using the 406 MHz Cospas/Sarsat system for fast, reliable location even in adverse conditions such as mountainous terrain. The Fastfind is accurate to approximately 3nm the Fastfind Plus has an inbuilt GPS receiver and broadcasts a GPS position fix with the distress message. The advantage of the 406MHz frequency operation is that the designated search area is greatly reduced, approximately 30 sq km compared to the 1200sq km required search area for a position fix obtained from a beacon operating on 121.5 MHz.

With a GPS location fix broadcast from the Fastfind Plus, search & rescue can be directed even more quickly to your aid. We strongly recommend the Fastfind Plus PLB for all applications.

Fastfind Plus 406 MHz PLBs can be registered with either the Coastguard at Falmouth, or RAF Search & Rescue at Kinloss.

Fastfind 406MHz PLB

FASTFIND

£309.95 F

Fastfind Plus, 406MHz GPS PLB

FASTFINDPLUS

£479.95 F



Tron AQ-4 Strobe Light



A handheld high power xenon strobe light that is visible for around 10km/6nm in clear conditions even at the surface (air to ground range should be greater). Waterproof and provided with a 60cm Velcro band, this is a lightweight and practical personal location light beacon which operates on a 1.5v alkaline battery.

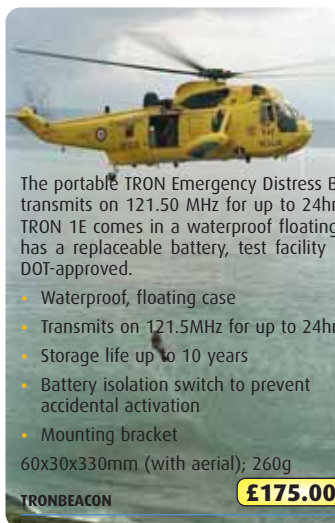
- High intensity Strobe
- Operates for up to 12 hours
- Manual activation

160mm long x 45mm diameter, 130g (without battery)

TRONAQ4

£64.95 F

Tron 1E MkII ELT



The portable TRON Emergency Distress Beacon transmits on 121.50 MHz for up to 24hrs. The TRON 1E comes in a waterproof floating case, has a replaceable battery, test facility and is DOT-approved.

- Waterproof, floating case
- Transmits on 121.5MHz for up to 24hrs
- Storage life up to 10 years
- Battery isolation switch to prevent accidental activation
- Mounting bracket

60x30x330mm (with aerial); 260g

TRONBEACON

£175.00 F



Emergency Ditching Bag

A high-visibility (yellow), floating, soft-sided bag, ideal for carrying all your emergency equipment. Easy to grab in an emergency, the closed-cell material gives buoyancy and hi-viz colour aids location. Fill it with the emergency equipment you know you need but hope never to use...

RAPIDITCHBAG

£59.95 G



LIFEJACKET AND LIFERAFT SERVICING

Manufacturers of liferafts and lifejackets recommend regular service and inspection, usually annually. AFE servicing is carried out at a JAR 145 approved facility with overnight delivery and collection and fast turnaround if required.

Lifejacket Servicing to JAR145 from **£20.00 plus parts**

Liferaft Servicing to JAR145 from **£100.00 plus parts**

Dynafoam

"94% OF PILOTS INJURED IN HEAVY LANDING ACCIDENTS HAD SPINAL INJURY"

- German Safety Study



Dynafoam was selected by the RAF for its fleet of Grob Tutor aircraft, and supplied in complete seat cushions by AFE's RD Aviation division

Dynafoam, the energy-absorbent seat-foam material widely used in civilian and military applications, for example the most advanced United States military aircraft. On ejection seats it can absorb tremendous impact forces without placing an extra load on the spine. Unlike standard upholstery foams, Dynafoam deforms at such a rate as to absorb the shock and rebound only slowly after the period of peak acceleration has passed. Dynafoam is not only a market leader in impact absorption but also a comfortable alternative to everyday seating foam.

During extensive testing at the Defence Evaluation and Research Agency, Centre for Human Sciences, Farnborough, compared to normal soft foam Dynafoam was found to "...significantly reduce pilot lumbar spine loads in heavy landings and accidents." DERA also concluded that "The foam retained its property of reducing spinal loads after four years intensive use in a training glider." These tests, along with many others, have proven Dynafoam's effectiveness in reducing the risk of spinal damage after a heavy impact/landing and that it will continue to do so after continuous use over long periods of time. In use in thousands of light aircraft worldwide, Dynafoam is constantly being 'discovered' for use in new military and civilian applications where there is a risk of heavy spinal loads, such as motor racing, off-road trials, horse riding and a multitude of others.

- **Safety:** Significantly reduces risk of spinal injury in a heavy landing or accident. Made from 50% plant materials for low toxicity - if Dynafoam is exposed to fire or burned, the resulting fumes are directly breathable for sustained periods
- **Physical Properties:** Dynafoam is a lightweight polyurethane elastomer - an all-climate foam that can be used from freezing temperatures up to 300°F. Two standard hardness grades (soft and extra-firm)
- **Comfort:** Dynafoam is a memory foam with slow spring back. It flows to match the contours of the body and reduces sitting fatigue through uniform pressure distribution. The 100% open cell structure allows maximum air circulation to reduce heat build-up
- **Dynafoam is easy to work;** it can be cut with a knife and glued with contact adhesive

Specify Dynafoam for your aircraft seats, we recommend 'extra-firm' for the main seat body, with a thin layer of 'soft' on the top for added comfort if required. Available in three stock thicknesses, sheet size 410mm x 460mm. Grade is "extra-firm" unless otherwise specified.

We welcome trade and bulk purchase enquiries. Larger sheets are available to special order.



OPTIONS AND ACCESSORIES

Dynafoam cushion pad 12.5mm (1/2") thick - 'SOFT' grade

DF05SOFT £22.95 D

Dynafoam cushion pad 12.5mm (1/2") thick - 'EXTRA-FIRM' grade

DF05 £22.95 D

Dynafoam cushion pad 25mm (1") thick - 'EXTRA-FIRM' grade

DF10 £27.95 D

Dynafoam cushion pad 50mm (2") thick - 'EXTRA-FIRM' grade

DF20 £36.95 D

Dynafoam soft cushion pad

Body-hugging, soft, slow deforming 'Pudgee' material 12.5mm thick, for laminating to a standard Dynafoam cushion for ultimate comfort and safety in the cockpit.

DF0510L £45.95 D

Dynafoam Cushion Cover

Cushion covers for Dynafoam sheets

Durable cotton covers for Dynafoam sheets. Machine washable with Velcro fastening.

DF/TC £18.95 H



AFE is proud to confirm its continued distributor contract for Irvin-GQ safety parachutes. With many thousands of military and civilian safety parachutes sold worldwide, Irvin-GQ deserves its reputation for innovation, quality and reliability. The Shadow, Silhouette and Seat parachutes are manufactured on the same production line and to the same stringent standards as their highly regarded military safety and recovery systems, giving that assurance of quality and reliability essential with the purchase of safety equipment.

Irvin-GQ Shadow Parachute



The Shadow is a back-type parachute without seat cushion, ideal for use in cockpits with limited headroom such as gliders. Made from heavy-duty fabric, with a packed size of 52 x 32 x 7cm thick, it weighs just 6.8kgs. The 4.8m aeroconical canopy is designed for use in emergency escape assemblies and gives a smooth controlled inflation at high speeds. The canopy is rated for use at all-up weights of 115kg, escape speeds up to 150knots and altitudes up to 12,000ft AMSL. An inflatable lumbar pad is provided for extra comfort. Carrying bag provided.

Irvin-GQ Shadow
GQ/SH

£1030.00 H

Irvin-GQ Silhouette Parachute



The Silhouette has the same canopy specifications as the Shadow, but has an integral seat cushion for extra comfort and a crossover harness. Packed size is 127 x 38 x 6cm thick. Carrying bag provided.

Irvin-GQ Silhouette
GQ/SIL

£1030.00 H

Irvin-GQ Seat type 4000 Parachute

The Seat-type parachute is designed for aircraft that have a bucket seat configuration. Ideal for use in aerobatic aircraft such as Yaks and Chipmunks where this type of seat is installed. The canopy is 4.8m aeroconical and is rated for all-up weights of 115 kg and escape speeds up to 150 knots. A 5.8m aeroconical canopy version is also available to special order. This larger canopy is rated for all up weights of 127kg and bale out speeds up to 200 knots. As used by the Yakovlevs in their 4-ship aerobatic and formation display team, sponsored by AFE.

Irvin-GQ Seat Type 4000 Parachute
MRIGQ1845

£1,200.00 H



Strong Parachutes

Founded in 1960, Strong Parachutes have an enviable reputation for quality and reliability and are a market leader in emergency parachute systems. AFE is delighted to announce its partnership with Strong Parachutes, to provide their high quality products throughout the UK and Europe.

Detailed below are three of the standard safety parachutes required by GA pilots, but variations are available to order. If you have a specific requirement, Strong Parachutes most likely already have the solution, whether it's additional Confor foam cushions to place you higher in the cockpit, a seven-position adjustable harness, or additional pockets for ELTs and Oxygen bottles. Strong parachutes are certified to TSO C23c, category B.

Para-Cushion Back 303



The standard back mounted container, model 303, measures 24" (60 cm) tall by 16" (40 cm) wide by 3" (7 cm) thick and weighs approximately 15 lb. (6.5 kg). The parachute is rated for all up weights of 254 lbs (115kg) and deployment speeds of up to 150kts.

The Para-Cushion Back is recommended for use in aircraft where headroom is at a minimum.

STRPARABACK303

£1,150.00 H

Para-Cushion Seat 304

The Model 304 is designed to be used in place of a seat cushion. The system's container measures 12" x 16" x 3" thick (minimum). By using an additional Confor foam pad the thickness of the pack may be from 3" to 6" thick depending on the type of airplane and how high the user desires to be in the cockpit. The back pad is only a 1/2" thick, and uses Confor foam padding. The parachute is rated for all up weights of 254 lbs (115kg) and deployment speed of up to 150kts.

STRPARASEAT304

£1,150.00 H



Para-Cushion Chair 305

Like the Para-Cushion Back 303 except the back mounted container is built to extend from the shoulders of the user to just above the knees. This long design allows the parachute to be packed in a larger area keeping the system at only 2.5" thick. The Confor foam padding throughout the system allows the user to comfortably sustain flight for many long hours.

The parachute assembly is designed to be used in airplanes where your seat is reclined such as a Grob, the rear seat of an Extra, and many others.

The system measures 42" long (105 cm) by 16" (40 cm) wide by 2.5" to 1" thick and weighs approximately 16.5 lb. (7.5 kg), rated for all up weights of 254 lbs (115kg) and deployment speeds of up to 150kts.

STRPARACHAIR305

£1,150.00 H



Parachute Repacking

AFE can have your parachute inspected and repacked by experienced and fully qualified parachute riggers. As standard, please allow an average of two weeks turnaround time.

PARACHUTEREPAK

£32.50 H