SAFRAN is a key international player in aeronautic equipment and systems for helicopters, designs and manufactures high tech solutions for today’s helicopters.
SAFRAN IS AN INTERNATIONAL HIGH-TECHNOLOGY GROUP, OPERATING IN THE AVIATION (PROPULSION, EQUIPMENT AND INTERIORS), DEFENSE AND SPACE MARKETS. ITS CORE PURPOSE IS TO CONTRIBUTE TO A SAFER, MORE SUSTAINABLE WORLD, WHERE AIR TRANSPORT IS MORE ENVIRONMENTALLY FRIENDLY, COMFORTABLE AND ACCESSIBLE. SAFRAN HAS A GLOBAL PRESENCE, WITH 84,000 EMPLOYEES AND HOLDS, ALONE OR IN PARTNERSHIP, WORLD OR EUROPEAN LEADERSHIP POSITIONS IN ITS CORE MARKETS. SAFRAN UNDERTAKES RESEARCH AND DEVELOPMENT PROGRAMS TO MAINTAIN THE ENVIRONMENTAL PRIORTIES OF ITS R&T AND INNOVATION ROADMAP.

OUR MISSIONS

TO CONTRIBUTE TO PERFORMANCE AIR TRANSPORT

TO IMPROVE PROTECTION OF CITIZENS

FACILITATE ACCESS TO SPACE

more than 81,000 EMPLOYEES WORLDWIDE

in 30 COUNTRIES

270 Manufacturing Around the world
Pilot oxygen systems
Ice protection systems
Fuel management systems (tank inerting, gauging and distribution)
Evacuation systems
Fluid equipment, air management and engine accessories
Life Rafts
Hydraulic and fluid equipment
Emergency oxygen systems for passengers and crew
Life vests
Ice detection systems
Hydraulic Equipment and fluid assemblies for landing, braking and steering systems
Emergency flotation systems
Hydraulic equipment and fluid assemblies for landing, braking and steering systems
Emergency flotation systems
Hydraulic and fluid equipment
Fluid equipment, air management and engine accessories
Life Rafts
Life vests
Anti-ice and de-icing systems
Oxygen systems
Fuel management systems (gauging and distribution)
Crash worthy and self-sealing flexible fuel tanks
SAFRAN
OVERVIEW
OUR DEPARTMENTS

Helicopter Engines

Safran Aircrafts Engines

Safran Nacelles

Safran Electrical & Power

Safran Landing Systems

Safran Electronics & Defense

Safran Aerosystems

Safran Seats

Safran Cabin
SAFRAN AEROSYSTEMS

INCREASING HELICOPTERS PERFORMANCE & OPTIMIZING FLIGHT SAFETY.
A KEY INTERNATIONAL PLAYER IN AERONAUTIC EQUIPMENT AND SYSTEMS FOR HELICOPTERS,
SAFRAN DESIGNS AND MANUFACTURES HIGH TECH SOLUTIONS FOR TODAY’S HELICOPTERS.

EMERGENCY FLOTATION SYSTEMS

Designed to enable a helicopter in difficulty to land on water, our emergency flotation systems are light and innovative. Capable of providing stability to sea state 6 and more, they reduce the risks of capsize and submersion during a sea landing.

#1
WORLDWIDE
IN EMERGENCY FLOTATION SYSTEMS FOR HELICOPTERS

LIFE RAFT SYSTEMS

Safran has developed automatic and reversible inflatable life raft systems to facilitate passenger boarding. Offering high survivability, our rafts have the advantage of light weight and low packaging volume.

60 YEARS
OF EXPERTISE
IN EMERGENCY
FLOTATION SYSTEMS
OUR FLOTATION
SYSTEMS CAN EQUIP

PILOT AND CREW

Safran has developed automatic single life raft and pilot and crew specific equipment. Our products could be adapted on fighters or helicopters, and designed in collaboration with our customers.

80% OF THE WORLD HELICOPTER MARKET
CUSTOMER SUPPORT

PROVIDING COMPREHENSIVE WORLDWIDE CUSTOMER SUPPORT

FLEXIBLE, TAILORED SUPPORT

Operators require reliability, flexibility, cost-efficiency and optimized planning. Safran is well-positioned to offer extensive, custom-tailored support across the full lifecycle of rotorcraft programs. Our global aftermarket offering includes spares provisioning and supply, maintenance, repair and overhaul (MRO), Aircraft- On-Ground (AOG) support, engineering services, real-time data monitoring, logistics management, as well as on-site and technical support and training.

IMPROVING SERVICES THROUGH INNOVATION

As an innovator, our strategy is to constantly anticipate and introduce new technologies, new production techniques and new materials in order to better maintain and repair our products. We believe in preventive maintenance, which is why we leverage our expertise in data analytics to diagnose and forecast maintenance needs.

GLOBAL REACH, LOCAL SUPPORT

With facilities strategically located in major aviation hubs, we meet the demands of fleet operators, while strengthening ties with our customers. This strategy enables us to provide immediate, efficient and reliable support, ultimately improving dispatch reliability.

- CERTIFIED SERVICE CENTERS WORLDWIDE
- SUPPORT BY THE HOUR
- TRAINING AND CONSULTING SERVICES
- 24/7 CUSTOMER SUPPORT
- AND SERVICES
- DISTRIBUTION CENTERS
- INTERNATIONAL REPAIR NETWORK ON-SITE SUPPORT
- MORE THAN 200 TECHNICAL REPRESENTATIVES WORLDWIDE

BOOST* (BANK OF ONLINE SERVICES & TECHNOLOGIES) is Safran’s new online rotorcraft engine maintenance management service. Developed in partnership with IBM, this tool provides operators of Safran-powered helicopters with real-time, personalized engine data to enrich their own fleet maintenance management, with the direct support of Safran teams.
EMERGENCY FLOATS SYSTEMS

SAFRAN AEROSYSTEMS (ex ZODIAC/AERAZUR)

is the world leader, since 1965, of Emergency Float Systems for Helicopters. We equip all helicopter manufacturers not only with our Emergency Float Systems.


We can provide complete integrated systems from cockpit to helicopter fuselage and provide a complete turnkey system.

EMERGENCY FLOATATION SYSTEMS

are designed to minimize the chances that a helicopter which is involved in either a controlled ditching or a water landing impact sinks or capsizes as a result. Safran Aerosystems designs, develops, certifies and manufactures its own flotation systems for all helicopter manufacturers. Safran Aerosystems continuously improves its offering to better serve its customers. Our helicopter EFS are lightweight and offer reduced maintenance costs with better reliability, thanks to both our integrated life raft technology and maintenance intervals. Buoyancy and stability are provided by EFS packed within appropriate space inside or outside the Helicopter. Rapid inflation of EFS is provided by gas release from our pressurized electrical cylinder(s) which is(are) carried on board or inside the helicopter.

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SAFRAN AEROSYSTEMS EVACUATION SYSTEMS FLOATS & RAFTS

manufactures Emergency Floats Systems since 1965 (Alouette3). Safran Aerosystems is the world leader of evacuation systems floats & rafts supplied to OEM, covering all major helicopter manufacturers.

Safran Aerosystems has a robust evacuation systems float and raft expertise on design and development.

This expertise is consolidate by strong capability to calculate & simulate loads to ensure the helicopter having a safe water landing, ditching with water stability to success egress procedure.

CUSTOMERS

- Airbus Helicopters
- AVIC
- Bell Helicopters
- Hélicoptères Guimbal
- Korean Aerospace Industry
- Leonardo Helicopters
- Russian Helicopters

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EMERGENCY FLOAT & RAFT COMBO SYSTEMS

THE EMERGENCY FLOATATION AND LIFE RAFT SYSTEM (EFS/ELRS) are an optional supplied by Safran Aerosystems. The 606-1 Life Raft is aimed at rescuing castaways. The life raft is packed onto the Emergency Flotation System. Safran Aerosystems is the supplier for ANSAT and Bell 429 programs.

CUSTOMERS
- BELL
- RUSSIAN HELICOPTERS

OTHER PLATFORMS
coming soon
Safran Aerosystems is the major life raft manufacturer which offers both Self-Righting or Reversible Life Raft on the aviation or helicopter market. The design ensures an automatic self-righting of the raft, whichever position it may have, before inflation, up to sea state 6.

This distinctive feature has the advantage to secure passengers in critical moments as the Life Raft is ready for use immediately and don’t involve any intervention.

Top of the line automatically version, immediate boarding, high survivability features with low weight / packed volume and customizable.

Our life raft could be equipped with ELT and survival kit type: JAR OPS1 / JAR OPS3 / FAR135

CUSTOMERS
- Airbus Defense & Space
- Airbus Helicopters
- Bell
- Leonardo
Safran Aerosystems is the first manufacturer who offers a Self-Righting Life Raft on the aviation or helicopter market.

The design ensures an automatic self-righting of the raft, whichever the state of the sea. Once inflated, the raft is ready for use: no further action is required.

This distinctive feature has the advantage to secure passengers in critical moments as the life raft is ready for use immediately and don’t involve any intervention.

---

**Self righting series**

<table>
<thead>
<tr>
<th>Nominal capacity</th>
<th>Overload capacity</th>
<th>Weight</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vacuum packed in a soft rectangular bag</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type SR10</td>
<td>10</td>
<td>30.4 kg</td>
<td>790X300X350mm</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>67 lbs</td>
<td>31.1&quot;x14.9&quot;x14.2&quot;</td>
</tr>
<tr>
<td>Type SR12</td>
<td>12</td>
<td>32.6 kg</td>
<td>600X470X250mm</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>71.8 lbs</td>
<td>23.6&quot;x18.5&quot;x9.8&quot;</td>
</tr>
<tr>
<td>Type SR14</td>
<td>14</td>
<td>39.1 kg</td>
<td>720X530X260mm</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>86.2 lbs</td>
<td>28.3&quot;x20.8&quot;x10.2&quot;</td>
</tr>
<tr>
<td>Type SR16</td>
<td>16</td>
<td>39.5 kg</td>
<td>745X400X350mm</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>87 lbs</td>
<td>29.3&quot;x15.7&quot;x13.8&quot;</td>
</tr>
<tr>
<td>Not vacuum packed in a soft cylindrical bag</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type SR8</td>
<td>8</td>
<td>23.3 kg</td>
<td>460x800mm</td>
</tr>
<tr>
<td></td>
<td>14</td>
<td>51.3 lbs</td>
<td>16.9&quot;x31.5&quot;</td>
</tr>
<tr>
<td>Type SR10</td>
<td>10</td>
<td>29 kg</td>
<td>420x780mm</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>63.9 lbs</td>
<td>16.5&quot;x30.7&quot;</td>
</tr>
<tr>
<td>Type SR12</td>
<td>12</td>
<td>31.5 kg</td>
<td>430x800mm</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>69.4 lbs</td>
<td>16.9&quot;x31.5&quot;</td>
</tr>
<tr>
<td>Type SR14</td>
<td>14</td>
<td>37.3 kg</td>
<td>430x800mm</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>82.2 lbs</td>
<td>16.9&quot;x31.5&quot;</td>
</tr>
<tr>
<td>Type SR16</td>
<td>16</td>
<td>38.2 kg</td>
<td>430x800mm</td>
</tr>
<tr>
<td></td>
<td>24</td>
<td>84.2 lbs</td>
<td>16.9&quot;x31.5&quot;</td>
</tr>
</tbody>
</table>

TSO C70a, ETSO 2C505
Reversible Life Rafts

For a greater headroom and a comfortable environment, a double Arch support red polyurethane strong protective and high visible canopy.

An insulated inflatable floor to prevent occupants from hypothermia.

Nominal Capacity | Overload Capacity | Weight | Dimensions
--- | --- | --- | ---
Type 9
9 | 14 | 23.6 kg / 52 lbs | D370 x L770
9 | 14 | 33 kg / 72.75 lbs | 1054 x 534 x 312
9 | 14 | 33 kg / 72.75 lbs | 1054 x 534 x 312
9 | 14 | 27.4 kg / 60.4 lbs | 1915 x 475 x 90
9 | 14 | 27.4 kg / 60.4 lbs | 1915 x 475 x 90

Type 12
12 | 18 | 25 kg / 55.12 lbs | D370 x L770

Type 14
14 | 21 | 28 kg / 61.73 lbs | D420 x L780

Type 18
18 | 27 | 30 kg / 66.14 lbs | D420 x L780

Boarding aids: Two boarding handles located on each side of entrance. Internal and external grab straps.

Two zipped doors - Two rainwater collectors.

Two hexagonal buoyancy tubes.
Life Raft type 725 – 731

Life Rafts Type 731 and 725 are identical in design, material and equipment. Type 731 is an extended version of Life-Raft Type 725 for an increase of rated capacity from 25 persons to 31 persons.

Automatically inflated twin tube life raft with self erecting canopy. These life rafts are integrated in a soft carrying case (cylindrical or rectangular).

<table>
<thead>
<tr>
<th>Type</th>
<th>Nominal capacity</th>
<th>Overload capacity</th>
<th>Weight</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>TYPE 725</td>
<td>25</td>
<td>37</td>
<td>45.3 kg / 99.8 lbs</td>
<td>920 x 560 x 470 mm 36.2&quot; x 22&quot; x 18.5&quot;</td>
</tr>
<tr>
<td>TYPE 725</td>
<td>25</td>
<td>37</td>
<td>40 kg / 88.1 lbs</td>
<td>D 440 x 1000 mm D 17.3&quot; x 39.3&quot;</td>
</tr>
<tr>
<td>TYPE 731</td>
<td>31</td>
<td>46</td>
<td>47 kg / 103.6 lbs</td>
<td>D 440 x 1000 mm D 17.3&quot; x 39.3&quot;</td>
</tr>
</tbody>
</table>
Basic Life Raft

The basic life raft type 606 is intended to rescue survivors of ditching. It could be deployed or launched by helicopter or aircraft. The components are integrated and depending of customer needs.

<table>
<thead>
<tr>
<th>Type</th>
<th>Nominal Capacity</th>
<th>Overload Capacity</th>
<th>Weight*</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 606-1</td>
<td>6</td>
<td>9</td>
<td>20.8 kg 45.8 lbs</td>
<td>735 x 400 x 190 mm</td>
</tr>
<tr>
<td>Type 606-1</td>
<td>6</td>
<td>9</td>
<td>20.8 kg 45.8 lbs</td>
<td>Various dimensions</td>
</tr>
<tr>
<td>Type 610-1</td>
<td>10</td>
<td>15</td>
<td>27 kg 59.5 lbs</td>
<td>230 x 310 x 790 mm</td>
</tr>
<tr>
<td>Type 610-1</td>
<td>10</td>
<td>15</td>
<td>27 kg 59.5 lbs</td>
<td>240 x 471 x 600 mm</td>
</tr>
<tr>
<td>Type 610-1</td>
<td>10</td>
<td>15</td>
<td>27kg 59.5 lbs</td>
<td>Various dimensions</td>
</tr>
</tbody>
</table>

*All weights are without EL Tand survival pack. They may vary at the request of customers.

TSO C70a, ETSO 2C505

- Insulated inflatable floor
- Dual buoyancy tubes
- Self erecting canopy with inflatable arc
- Two zipped doors
- Boarding aids
- Two self inflating boarding ramps
- Look-out hatch located in each door making it possible to look outside when the door is closed
AIR DROPPABLE RESCUE PACKS

The Safran Aerosystems range of Air Droppable Rescue Packs is the answer for rescuing wrecked people in inhospitable areas. The survivor, in emergency situation, can be in water or on the ground. The packs can be used either from an aircraft or from an helicopter. They may be installed inside the bomb or the cargo bay.

Depending on the versions, they allow dropping of either rescue equipment specified by the user for his particular application or liferafts automatically inflated upon hitting the water.

Safran Aerosystems offers liferafts with nominal capacity from 6 up to 25 man. Self-righting liferaft versions are also available.

<table>
<thead>
<tr>
<th>Utilization</th>
<th>Lifteraft type</th>
<th>Nominal capacity</th>
<th>Overload capacity</th>
<th>Size (cm)</th>
<th>Packed weight</th>
<th>Type of container</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maritime rescue</td>
<td>606-1</td>
<td>6</td>
<td>9</td>
<td>70x35</td>
<td>25 kg</td>
<td>Soft</td>
</tr>
<tr>
<td></td>
<td>SR 10</td>
<td>10</td>
<td>15</td>
<td>100 x 45</td>
<td>38 kg</td>
<td>Soft</td>
</tr>
<tr>
<td></td>
<td>SR 14</td>
<td>14</td>
<td>21</td>
<td>100 x 45</td>
<td>40 kg</td>
<td>Soft</td>
</tr>
<tr>
<td></td>
<td>725</td>
<td>25</td>
<td>37</td>
<td>100 x 45</td>
<td>80 kg, 176 lbs</td>
<td>Soft</td>
</tr>
<tr>
<td></td>
<td>SR 10</td>
<td>10</td>
<td>15</td>
<td>108 X 46</td>
<td>65 kg, 143 lbs</td>
<td>Rigid</td>
</tr>
<tr>
<td></td>
<td>725</td>
<td>25</td>
<td>37</td>
<td>108 x 46</td>
<td>85 kg, 187 lbs</td>
<td>Rigid</td>
</tr>
<tr>
<td>Training (Without liferaft)</td>
<td>6</td>
<td>29 x 88</td>
<td></td>
<td></td>
<td>20 kg, 44 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>40 x 92</td>
<td></td>
<td></td>
<td>45 kg, 99.2 lbs</td>
<td></td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>46 x 90</td>
<td></td>
<td></td>
<td>60 kg, 132 lbs</td>
<td></td>
</tr>
</tbody>
</table>
PILOT AND CREW EQUIPMENT
FOR FIGHTERS AND HELICOPTERS

SINGLE MAN LIFE RAFT
ANTI G SUIT
LIFE JACKET
IMMERSION SUIT

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SINGLE MAN LIFE RAFT

Safran manufactured and designed any configurations of survival pack for aircraft to be used at sea and/or earth.

The survival pack consists of the following sub-assemblies:
- A fabric container
- A carbon sit and its cushion
- An actuating strap
- A type 16 NG life raft
- A set of 3 chains of survival components

The life raft inflates automatically once the pilot is separated from the ejection seat. The actuating strap pulls the triggering cable of the cylinder, and then the gas is released allowing the inflation of the raft float. Then, the survival components can be retrieved from the lower part of the container.
The combat flight jacket is physiological protective clothing mainly intended for combat aircraft crews undertaking flyby missions over water, in hostile environments or not. The combat flight jacket is designed to: Ensure the buoyancy and the reversal of the castaway, Carry away survival and localization components whatever the conditions.

- Automatic and manual percussion
- Automatic reversal
- Designed for men (3 sizes) and women (4 sizes)
- Buoyancy 19daN, removable, equipped with optional pyrotechnic protection screen
- Carry out components like: weapons, beacons, survival kit
- Windblast 625KEAS qualified
- Strong point for helmet vehicle interface
- Green army or sand color
- Mesh or full fabric
- Arms restraints
- Hoisting strap
- Removable sleeves (8 different sizes)
- Survival pack link
LIFE JACKET TYPE 35

The life jacket is designed for:

- High speed ejection, the zippers for collar and accessory pockets being protected against wind blast through Velcro cover tapes and flaps.
- Fast dressing, through simplified chest zipper secured with chest and waist fasteners, and through adjustable waist belts.
- Thermal comfort with the meshed fabric made dickey.
- User’s safety, the upper bladder compartment protecting the emergency bladder from possible flames due to distress rockets and from punctures due to sharp objects.
  - Green Army or Sand color
  - One size fits all

<table>
<thead>
<tr>
<th>Life Jacket</th>
<th>Type 35</th>
<th>Type 35 R</th>
<th>Type 35-2</th>
<th>Type 35-2R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buoyancy (daN)</td>
<td></td>
<td></td>
<td></td>
<td>19</td>
</tr>
<tr>
<td>Number of chambers</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Basic capability of locator beacon</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Weight kg with accessories</td>
<td>1,75kg</td>
<td>2kg</td>
<td>1,75</td>
<td>1,75</td>
</tr>
<tr>
<td>Harness compatibility</td>
<td>A</td>
<td>A</td>
<td>A</td>
<td>A</td>
</tr>
<tr>
<td>Connections for survival pack</td>
<td></td>
<td>yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inflation system</td>
<td>Manual</td>
<td></td>
<td>Automatic</td>
<td></td>
</tr>
</tbody>
</table>

LIFE JACKET 275N

The life jacket 275N ensure the flotation of one person in marine military mission, with high buoyancy.

Characteristics:
- 275N buoyancy
- Automatic and manual percussion
- Hoisting strap
- CE approval (ISO 12402-2)
- Automatic reversal
- Accessories pocket on the bladder, removable

LIFE JACKET 150N

The life jacket 150N is mostly intended to National Navy commandos.
Inseparable carrying bag with adjustable belt equipped with a staple remover, it allow the transport of the life jacket undeployed by the waist or hand.

Characteristics:
- A chamber 150N
- Manual percussion
- Foldable reflective tap for discretion
**JACKET TYPE 37**

Two chambers with manual and individual percussion system.

Characteristics:
- Set sheath-breastplate-pockets
- Carrying bag
- Survival pack link
- Survival components
- One size fits all

**MARINE SURVIVAL JACKET**

A chamber 240 daN min, manual percussion, pocket for accessories, raft connection, ballistic plate interface, fire resistant
- 3 sizes
- The jacket ensure the following functions:
  - Physiological protections
  - Specific equipment support
- Optional: Buoyancy with dual manual percussion, Ballistic protection, components pockets and beacon pocket

**SURVIVAL JACKET**

Two chambers 19 daN minimum, manual percussion, pocket for accessories, raft connection, ballistic plate interface.
- 3 sizes
- Fire resistant
- The jacket ensure the following functions:
  - Physiological protections
  - Specific equipment support
  - Hoisting strap
- Non permanents: Buoyancy with manual percussion, Ballistic protection, Survival signalisation

**JACKET TYPE 300**

Every variants include specifics elements. Every variant ensure this same principal functions:
- Hoisting, float, signal/tracking and survive.

One size fits all

Characteristics:
- Removable buoyancy 190N
- Survival components
- One beacon pocket with automatic activation (if compatible)
JACKET FOR THE FLIGHT DECK STAFF

The safety jacket for the flight deck staff is used to hedge against drowning a person fallen in the water.

A chamber 150N and localization components are attached to the bladder

Declined in 6 colors (Yellow, Brown, Blue, Red, White, Green) and 3 sizes.

Characteristics:
• one float chamber
• automatic lighting system
• Automatic and manual percussion
• CE approval (ISO 12402-3)

C900

Allow a person in mission to survive in the water.

A chamber with percussion

One size

Characteristics:
• Float sheath
• Float beacon
• Survival components

Characteristics:
• Jacket weight (without components): 1kg
• Jacket dimensions (packed): 38x34.5x5cm
• Emergency kit weight: 450g
• Emergency kit dimensions: 20x11x5cm
• Buoyancy: ±37daN

HOISTING STRAP

Opening Hoisting strap model

This hoisting strap has been designed:
• to rescue people by helihoisting in case of emergency and/or dangerous conditions,
• to provide people of different morphologies with best safety
• for either training operations or operational missions,
• to facilitate handling

• One size
• Weight: from 1,250kg to 1,750kg

Hoisting strap model
Ante-G suit

Air Force missions require safety equipment necessary to protect aircrew against eyesight weakening, blackout, fainting and extreme weariness due to sudden “head-to-speed” G-forces, and particularly in case of high and extended accelerations.

- Made in France
- Compatible with any platforms / fighters
- Technical solution designed to maximise protection and optimise pilot comfort & performance
- Designed for men (7 sizes) and women (6 sizes)
- Fire resistant
- Optional pockets, accessories
- Green army or sand color
Our immersion suits are intended for aircraft or helicopter crews and passengers on missions that involve fly by over the water. Designed essentially to provide thermal protection in cold water, but worn in flight under variable temperature conditions, the suit provides the user with acceptable thermal comfort in cold and hot atmospheres. The suit is water-tight and permeable to water vapor and is fire-proof. For a better protection, we recommend to wear thermal underclothes. All the characteristics of this suit (materials, colors, etc.) can be adapted to our customers' demand.

**Immersion suit 850–1**

- Sizes: 24 and tailored
- Women and men model
- Fabric GORE-TEX® (trilaminated fabric - Nomex/PTFE/Nomex)
- Fire resistance
- Color: Green army and orange
- Packing dimensions L500x110xH320
- Weight 1.6kg (3.5lb)
- Removable thigh pocket
- Removable dagger pocket

**Immersion suit 860**

- One size fits all
- Color: Orange
- Packing dimensions L300x1200xH300
- Weight 3.4kg (7.45lb)
- Gloves
- Hood
- Buddy line
- Golosh (rubber boot)

**Immersion suit 951**

- Sizes: 24 and tailored
- Women and men model
- Fabric GORE-TEX® (trilaminated fabric - Nomex/PTFE/Nomex)
- Color: Reseda
- Packing dimensions L500x110xH320
- Weight 1.6kg (3.5lb)
- Removable thigh pocket
- Removable dagger pocket

**Immersion suit 951 – Civil Security**

- Sizes: 24
- Fabric: Part of GORE-TEX® (trilaminated fabric)
- Color: Orange
- Packing dimensions L500x110xH320
- Weight 2,1kg
- Removable thigh pockets
DRIP TRAY

Drip tray is principally used for helicopter sea or mountain operations, especially in case of picking up people from sea or snow and take them onboard inside the cabin. Indeed, it has to be avoided that seeping fluid contaminates the helicopter’s cabin. Therefore, the helicopter will be equipped with a drip tray to collect spilled fluid and protect the helicopter cabin. Drip tray surfaces is 100% waterproof and abrasion resistant during its useful life. Drip tray is equipped with self-stabilized sidewalls. The drip tray is equipped with overflow flange to evacuate any fluids through the door frame when the door is opened (in flight and on ground). It is possible to fold out the side walls through the LH and RH door frames. This part of drip tray is strengthened more than the nominal surface of the Drip tray and resist to flapping effect when doors are opened. Optional seat covers can be proposed with the drip tray to improve helicopter cabin protection.

CUSTOMER

- Airbus Helicopters

EVACUATION ROPES

The escape rope allows the cockpit occupants evacuation through the cockpit ceiling escape hatch. The rope is manufactured with knots. This knotted rope have foam discs. The evacuation rope ended with a ring allowing its attachment to the aircraft structure and it is protected against friction. The escape rope is located in a dedicated stowage compartment next to the escape hatch and it is attached to the aircraft structure by the means of a ring that is part of the equipment.

CUSTOMER

- Airbus

MAN OVER BOARD (MOB)

The MOB board is designed for offshore and onshore use, to rescue an injured person with a potential back traumatism from water.

PERFORMANCES
- Instinctive use
- Adjustable
- Compatible with major medical boards
- Additional buoyancy
- Inflatable in less than 1 minute
- Adjustable carrying bag for MOB with or without medical board
- Light weight: < 5kg
- Abrasion resistance (Cordura® fabric)
- Manual inflator (CO2 cylinder)

The medical yellow board is an optional component.
The Safran Aerosystems C10 life jacket is designed to provide flotation for an adult or a child over 3 years in the event of evacuation from a ditched aircraft. It enables users to await rescue and to signal to rescuers by using the fitted accessories:

- Weight: 0.5 Kg
- Buoyancy: 17 daN
- CO2 cylinder: 34 g

The Infant Life Preserver has been designed and manufactured to the highest standards of safety and reliability required by civil aviation international regulation for infant life preservers. To reduce operating costs, the Infant Life Preserver is vacuum packed which result in a 10 year maintenance interval.

- Weight: 0.65 Kg / 1.43 lb
- Buoyancy: 19 daN / 42.7 lb
- CO2 cylinder: 38 g

The C3 life jacket has been designed:
- for aircraft and helicopter passengers flying over water areas.
- to provide users with flotation and location system in case of immersion.
- One size
- Double buoyancy chamber 18daN
- Manual percussion
- Weight without components: 0.7kg

**OPTIONAL EQUIPMENT**
- Pouch containing:
  - 1 signalling mirror
  - 1 Day/Night signal
  - 1 fluorescein bag
SALES CONTACTS

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