RESCUE & SURVIVAL EQUIPMENT CATALOG

THE WORLD’S PREMIER SUPPLIER OF HELICOPTER & MARINE RESCUE EQUIPMENT!


GSA CONTRACT HOLDER & DOD EMALL SUPPLIER
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TO PLACE AN ORDER:

Tel: 813-645-2748 (Mon - Fri, 8AM - 5PM EST)
Fax: 813-645-2768 (24 hours a day)
E-Mail: sales@lifesavingsystems.com

Federal Gov’t only: Department of Defense (DOD) Email
   Logon to: https://email6.prod.dodonline.net
Mail: Lifesaving Systems Corporation
   220 Elsberry Road
   Apollo Beach, FL 33572

Federal Government Customers Only:
A limited number of items are offered by LSC for purchase under GSA Contract #GS-07F-0078H. Please contact LSC to request a current GSA price list. GSA items are identified in the product description with the GSA contract number.

Terms:

Government, Police, Fire Depts:
• Net 30-days, Visa, or MasterCard.

Businesses & Individuals:
• Visa, MasterCard, or Prepay by check or bank transfer.
• If prepaid with a business or personal check, shipment will be withheld ten (10) business days before release.
• Residential deliveries add $2.50 service fee.

Shipping:
In addition to low prices, LSC offers free shipping on most orders. Orders totaling $100 or more and shipping within the contiguous U.S. (48 States) qualify for free UPS ground service. Orders less than $100 and shipping within the contiguous U.S. will be assessed a flat $15 fee. Free shipping does not apply to the purchase of the rigid Stretchers (#404 series), Rescue Basket (#499 series), and Aviation Life Rafts. Shipping charges for all other modes of transport (air, motor freight, Post Office, etc.) or shipments outside the contiguous U.S. will be charged to the customer.

• Provide a complete physical street address for delivery. A Post Office Box address may only be used when shipping via the U.S. Postal Service.
• Provide LSC with a daytime telephone number, fax number, and point of contact at the delivery destination in the event a question arises pertaining to your order.
• International shipments will be assessed a $50 service fee on all orders less than $2500. Freight fees to be prepaid with the order. Goods will be sent due and customs fees collect. Specify door-to-door or door-to-airport delivery service.
• Customers are to inspect deliveries immediately upon receipt. All discrepancies must be reported within 10 business days.

Product Warranty:
All LSC Products are warranted to the first consumer purchaser to be free from defects in material or workmanship for a period of one year, with the exception of electronic products which shall contain this same warranty for a period of 90 days, from date of purchase. Additional terms and conditions apply. To obtain a copy of the complete warranty please send a written request to LSC or visit the company website (www.lifesavingsystems.com).

Prices & Specifications:
Due to continuing product improvement, all prices and specifications are subject to change without notice.

Return Policy:
• All returns must be authorized by LSC. Approved returns must be shipped freight prepaid to LSC and must be marked with the LSC Return Authorization Number.
• Custom marked items cannot be returned. Orders for custom markings must be in writing.
• A 15% - 20% Restocking Fee will be assessed on merchandise accepted back into inventory.
• Life rafts, EPIRBs, Beacons, and Special Order items (products ordered on your behalf) may not be returned.

Company Website:
LSC maintains a corporate website with complete and current product listings. The website provides additional images, new product information, and changes since publication of this catalog. You are invited to visit the LSC website at:

www.lifesavingsystems.com

WARNING

The products offered for sale by LSC are of a rescue and survival equipment nature. Inherent to all rescue and survival environments is an increased risk of injury and/or possible death to an individual or group of individuals. The equipment advertised in this catalog and offered by LSC is intended to aid the professional rescuer(s) and/or survival victim(s). However, the risk of injury or death cannot be completely eliminated or foreseen. Equipment training, including continued proficiency reviews and maintenance, is vital to the proper and safe use of all rescue and survival type equipment. It is the responsibility of the purchasing and end-user organization or individual to define the operational procedures and safety guidelines associated with the proper utilization, maintenance (including service life) and storage of the rescue and survival equipment. All individuals must be thoroughly trained and familiarized with the intended purpose, correct use and function of the equipment. Failure to do so may result in serious injury or death.
Medevac II & Medevac IIA Rescue Litters

The Medevac II series is the most widely used helicopter rescue litter in the world. Currently in use with civilian and military operators worldwide, including all branches of the US Military, Japan Self Defense Force, Canada National Defence, Australian Army, and is standard equipment aboard all US Coast Guard helicopters and rescue boats. The Medevac II is a modern Stokes-type litter constructed for long life in the marine environment and is available in two models; a rigid frame (Medevac II) or break-apart frame (Medevac IIA).

The Break-Apart model occupies approximately half the stowage space of rigid litters. Screw-couplers with self-aligning pins secure the top tubes firmly together, and the lower skid tubes attach with hook and pin-type fittings (see picture below). Both top tube and skid couplers are cast or machined from solid stainless steel. This coupler system is the strongest in use on any stretcher today. When assembled, the Medevac IIA Break-Apart is as robust as the rigid Medevac II, proof loaded to 2,600 lbs with no yield.

Both the Medevac II & IIA litters are offered with polished Type 304 Stainless Steel or lightweight Titanium frames. The tubular components have a wall thickness that is 30% greater than that used on MIL-SPEC litters. Included with each litter are 5 color-coded patient restraint straps with LSC’s exclusive, double locking Quick Release Safety Buckles. The troublesome wood and plastic racks common to MIL-SPEC and other commercial Stokes-type litters is replaced with stainless steel or titanium slats that run the full length of the litter. A smooth, plastic mesh net (with ½” openings) is used in place of the chicken wire liner.

The lightweight Titanium Medevac II & IIA share the same design as the stainless steel models, but are fabricated from aerospace ASTM Grade 9 (Ti-3AL-2.5V) titanium tubing and components. Use of titanium provides a 40% reduction in frame weight, increased mechanical strength properties, and improved corrosion resistance compared to standard steel and stainless steel litters. The weight reduction is a significant benefit to aircraft operators, providing an increased available payload for additional equipment and/or reduced fuel consumption. Ergonomically, the lighter litter results in significantly easier transport & handling by rescue personnel, making the titanium models ideal for remote area and mountain rescue operations.

- Approved for US Military and NATO use.
- Exceeds 2,500 lbs load test requirement for MIL-SPEC litters.
- Corrosion resistant – designed for the marine environment.

### Medevac II Rigid Litters

Available as litter only or with factory installed #101 Flotation Kit.

- **#404-F Medevac II w/ Flotation**
- **#404-Stainless Steel Medevac II Litter**
- **#404-TI Stainless Steel Medevac II Litter**
- **#404-TIF Titanium Medevac II Litter**

- **NSN:** 6530-01-338-6094 (stainless #404)
- **Weight:** 32 lbs (stainless) / 21 lbs (titanium) with flotation 42 lbs (stainless) / 31 lbs (titanium)
- **Dims:** 24” W x 7” D x 84” L

### Medevac IIA – Coupler Detail

- **Color-coded patient restraint straps with quick release buckles.**
- **Hoistable – with #190 or #193-A horizontal hoisting slings.**
- **Stainless Steel or lightweight Titanium Construction.**

### Medevac IIA Break-Apart Litters

Available as litter only or with factory installed #103 Flotation Kit (stainless steel models) or #101 Flotation Kit (titanium models).

- **#406-F Medevac IIA w/ Flotation**
- **#406-Stainless Steel Medevac IIA Litter**
- **#406-TI Stainless Steel Medevac IIA Litter**
- **#406-TIF Titanium Medevac IIA Litter**

- **NSN:** 6530-01-397-0094 (stainless #406)
- **Weight:** 34 lbs (stainless) / 22 lbs (titanium) with flotation @ 45 lbs (stainless) / 33 lbs (titanium)
- **Dims:** 24” W x 7” (10”) D x 84” (43”) L (stowed)

- **#406-Stainless Steel Medevac IIA Litter**
- **#406-F Stainless Steel Medevac IIA Litter w/ Flotation**
- **#406-TI Titanium Medevac IIA Litter**
- **#406-TIF Titanium Medevac IIA Litter w/ Flotation**

See Page 26 for Vacuum Packed Patient Blanket & Pillow.
#402 Medevac Litter
Ideally suited for confined area rescues, LSC's Medevac litter is currently carried as required equipment onboard all US Navy surface vessels and SAR helicopters, as well as US Coast Guard cutters. Narrow design permits easy transfer through hatches and doorways of marine vessels. The Medevac litter is engineered to withstand the conditions encountered in remote operations, such as in-water rescue, submarine/shipboard rescue, mountain rescue, and other restricted areas requiring a versatile, narrow, and low-profile litter.

Integrated flotation designed to self-right and float with the patient's head slightly reclined to provide maximum freeboard. Includes stowage case with backpack harness for easy transport & two carrying harnesses to allow personnel free use of their hands while carrying litter and patient. Tubular stainless steel frame & skid construction. Fast action, sliding couplers secure the two halves of the litter and are locked in place within seconds. The Medevac litter may be hoisted in either vertical or horizontal position. For horizontal hoisting, use LSC #190 Litter Hoisting Sling (see page 4), sold separately.

#402 Medevac Litter, Orange
#402-B Medevac Litter, Black
#402-TI Titanium Medevac Litter, Orange

Medevac Litter Features & Specifications:
- Foldable and compact with integrated flotation.
- Color coded restraint straps and built-in head restraint system.
- Corrosion resistant frame and hardware.
- Heavy-duty ballistics nylon cover and stowage case.
- Includes vertical hoisting sling.
- NSN: 6530-01-187-0104 (stainless #402)
- Dims: 16½" W x 10" D x 41" L (stowed)
  16½" W x 7½" D x 80" L (assembled)
- Weight: Litter only @ 32 lbs. (stainless) / 24 lbs (titanium)
  Litter, case, & accessories @ 39 lbs (stainless)
  @ 31 lbs (titanium)

#450 Medevac Board
A two piece, full length, back board suited for confined space rescue. Offers compact stowage and fits inside the #404 and #406 litters. Constructed of heavy gauge aluminum with stainless steel couplers for strength and rigidity. Load capacity in excess of 300 lbs. Nonporous surface is easy to clean and impervious to body fluids. Replaceable, oversized hand straps are located to make carrying and maneuvering easy. Includes replaceable, color-coded restraint straps with quick-close buckles, and a disposable head restraint. Easily separates into two halves for stowage. Stowage/carrying case included. Weighs 19 lbs and measures 16¼" W x 1½" D x 76¼" L. NSN 6530-01-517-5116.

Life Raft/Medevac Harness & Strap
Specifically designed to secure the life raft and #402 Medevac Litter in USN H-60 helicopters. Harness utilizes four each 12-jaw fittings to secure to the floor system & the strap has a single 12-jaw fitting. All remaining hardware is stainless steel. Harness (#760) and Strap (#761) sold separately. NAVAIR Approved. NSNs: 4240-01-519-3134 (#760) & 4240-01-519-3137 (#761)

#760 US Navy Life Raft / Medevac Harness
#761 Life Raft Strap

#617 Adjustable Tie-Down Strap
Nylon strap with stainless steel adjustor, one large (#366) and one small (#365) Wichard snap hook. Use the small hook to clip to the aircraft tie-down rings and the larger hook to secure litters and other equipment.
- Adjustment Range: 12” to 36”
- Working Load Limit: 1,500 lbs
- Weight: 0.80 lbs
Standard & Narrow Flotation Kits

Designed for over and in-water rescue missions. Each kit provides flotation and patient restraint for the Medevac II series and other Stokes-type litters. Components of each kit are constructed from high quality synthetic materials, and are suitable for the marine environment. When properly installed, the kits provide positive self-righting and head-up flotation characteristics. Each kit includes five color-coded patient restraint straps with LSC’s Quick Release Safety Buckle. The included retainer straps prevent fouling of the patient restraint straps during in-water rescues. Covers are international orange, and are available in black on request.

#100 Flotation Kit w/ Hoisting Sling
Includes components: #110, 103-3, 103-4, 130, 140, 150, 170, and 190. NSN 6530-01-370-6905. NAVAIR Approved.

#101 Flotation Kit
Includes components: #110, 103-3, 103-4, 130, 140, 150, and 170. NSN 4220-01-329-6420. NAVAIR approved and Approved for US Coast Guard use.

IMPORTANT: The #100 and #101 have been designed to fit the Medevac II, Medevac IIA, and Mil-Spec litters only.

#103 Narrow Flotation Kit
LSC’s #103 Flotation Kit reduces the width of a litter with installed flotation by four (4) inches. The narrow profile is accomplished with half-width, “D” shaped flotation logs and a foam back pad. Flotation tests have been conducted on LSC #404 and #406 Medevac II litters only (not for use with titanium models). Other litters will require testing prior to placement in service. In use with all USCG helicopters. Includes components: #103-1, 103-2, 103-3, 103-4, 103-6, 140, 150, and 170. NSN 4220-01-483-1926.

Replacement Components for Flotation Kits

#103-1 Ethafoam D-Logs, pr. #130 Ethafoam Logs, pr.
#103-2 Flotation D-Log Covers, Orange, pr. #140 Patient Restraint Straps, Set of 5
#103-3 Ethafoam Chest Pads, pr. #150 Retainer Straps, 4 ea.
#103-4 Chest Pad Covers, Orange, pr. #170 Ballast Bar
#103-6 Flotation Back Pad #190 Litter Hoisting Sling
#110 Flotation Log Covers, Orange, pr.

Note: Components #103-2, 103-4, 103-6, 110 and 140 are available in black for covert operations. Specify at time of order.

#190 Litter Hoisting Sling
Horizontal hoisting sling designed for quick connect and disconnect to Medevac and Stokes-type litters. All components, including the 3/16” cable, are corrosion resistant stainless steel. Snap hooks are marked with color coded reflective tape; additional tape is provided for marking the litter frame. Assigned NSN #1670-01-226-5300. Approved for Navy (NAVAIR) and US Coast Guard use.

#193-A Litter Hoisting Sling, Semipermanent
Similar to the #190, modified with titanium lifting v-rings and snap hooks drilled for cotter pin insertion. After installation, insert cotter pins through lock nuts to secure each hook in place. Cover with heat-shrink tubing to prevent tampering and removal of the sling. All required hardware is provided. Approved for US Coast Guard.

Litter Covers
International orange stowage cases constructed of vinyl coated nylon. Mounting holes can be cut through the case as required without the fabric unraveling or tearing.

Style #408 features buckle closures and stows the Medevac IIA Break-Apart Litters with the frame halves nested for compact stowage with or without flotation.

Style #409 features zipper closure and completely encases the rigid Medevac II and Stokes-type litters. Accommodates litters rigged with flotation.

#408 Litter Cover, Medevac IIA Break-Apart
#409 Litter Cover, Medevac II Rigid
#410 D-LOK Helicopter Hoist Hook
The D-LOK incorporates an automatic dual-lock latch gate design for ultimate safety. The double lock gate provides security to prevent accidental openings, while allowing the latch gate to be operated quickly and easily with one hand. The hoist hook features a large ring volume for multiple equipment rings, and will accept rings over one inch in diameter. Integral utility eye (#410 only) allows attachment of tag/guide line. Hook is constructed entirely of stainless steel for strength and corrosion resistance.

The D-LOK Hoist Hook eliminates all problems associated with the current double rescue hook, such as inadvertent engagement (including the snagging of fingers on the small hook), and self-release (ring roll-out). The LSC D-LOK Hoist Hook exceeds the load test requirement for the double rescue hook (MS-18027-2A), and is available with seven (7) attachment options to fit all current hoist installations. Available with swivel (as shown in photo). Patent No. D389983

- Auto - double lock latch gate.
- Stainless steel construction.
- Latch gate opening: 1.1” (28mm).
- Field proven service in all environments/climates.
- The only single handed operational hook to consider when safety is paramount.

#412 Mil-LOK Helicopter Hoist Hook
The Mil-LOK may be operated in auto-lock mode or with the safety lock disabled. The gate and safety latch are easily functioned by a single gloved or bare hand. With hook in hand, rotate the safety latch up using your thumb and pull the gate back with the index finger. Release, and the spring-assisted gate and safety latch will automatically return to the locked & secured position, preventing unintentional load release or ring roll-out.

In situations where it may be desirable to operate with an unlocked gate (certain combat operations or lowering equipment to untrained personnel), the lock may be disabled via a simple push-action catch on the hook spine to temporarily secure the safety in the unlocked position. The spring-assisted gate will close as normal, but is no longer secured by the safety latch. To return to auto-lock mode, simply press the catch release and the safety will return to the closed & locked position.

The Mil-LOK’s robust design and stainless steel construction pivots all movements about axles for simplicity and minimal maintenance. Far superior to alternate hooks utilizing tight tolerance slide lock and ball-detent mechanisms prone to failure from grit, binding, or unintentional deactivation of the safety. Further, the slide lock hooks do not feature the auto-lock capability of the D-LOK or Mil-LOK hoist hooks, relying solely on the operator to set the safety in the locked position for each use.

Another safety aspect of the Mil-LOK design is its inherent resistance to ring roll-out when the safety is disabled. Equipment o-rings and equivalent v-rings having an inside diameter of 1-1/2” or less will not roll out with the gate closed due to the geometry. The Mil-LOK provides users with a choice of operating in auto-lock mode for safety during regular use or disabled when required under specific conditions, while providing significantly improved safety and reliability over slide lock designs. Patent Pending.

#194 Quick Splice - Emergency Hook Replacement Kit
The wedge style Quick Splice is designed for in-flight replacement of the hoist hook should the cable become damaged, broken, or entangled. Allows crew members to cut the cable and secure a replacement hook in less than a minute to continue with the mission. A thumb screw preloads the wedge against the cable. As the load increases, the internal forces securing the cable get tighter and tighter for a positive cable grip. Easy to follow instructions are etched on the face. Constructed of anodized aluminum with stainless steel fasteners for strength and corrosion resistance. The Quick Splice is available separately or as a light weight Emergency Hook Replacement Kit with attached D-LOK hook, cable cutters, and case. Superior to wraparound and lace-through designs, the Quick Splice offers:

- Quick, and positive cable insertion - No wire wraps to come undone.
- Full rated breaking-strength of the hoist cable, with no strength degradation from lacing bends and wraps.
- Designed for $\frac{3}{16}”$, 19 x 7 hoist cable only.
- NSN 4030-01-497-6202 (#197).

- Quick Splice Emergency Hook Replacement Kit
- Quick Splice w/ D-LOK Hoist Hook
- Quick Splice w/ Shackles, No Hoist Hook

#495 Collapsible Rescue Basket

The McCauley Collapsible Basket combines the compact stowage of the rescue net systems with the ruggedness, rigidity and safety of the tubular frame rescue basket. The design reduces stowage space requirements by 55% thus lending itself suitable for use by operators of smaller helicopters or those not specific to SAR operations. A more open internal volume fits two average adults for 2-person recovery in a single hoist evolution to reduce time at scene and in hover.

Bail assemblies fold into the basket, & each side collapses for stowage. Basket is easily and quickly erected by simply lifting the bails and top rail up, rotating the side supports down, and securing in place with simple spring-locks. This provides a rigid structure that aids handling and entry into the basket. A new tubular hinge design reduces maintenance. Frame members are constructed of tubular stainless steel with flexible net sides of ½” nylon webbing. All components are noncorrosive, and require minimal maintenance for extended service life. A plastic mesh liner with 1” openings encloses the bottom. Inherent flotation provides positive self righting and reserve buoyancy. Float covers are printed with safety pictorials and have high intensity reflective markings. Includes heavy-duty stowage case and tie-strap.

- Dims: 44½” L x 25” W x 9½” H (stowed)  
  44½” L x 25” W x 41” H (assembled)  
- Weight: 39 lbs

#499-B Compact Rescue Basket

LSC’s original compact Rescue Basket is standard equipment aboard all US Coast Guard rescue helicopters, and in service with numerous international military & civilian operators. Revised design for 2007 incorporates cast lifting eyes and lifetime tubular hinges eliminate cable maintenance and inspection requirements. The frame opening has been enlarged to better accomodate two adults without increasing the overall dimensions, and an integrated, yet flexible stainless steel bail retainer has been added to keep the bails from drooping after removing the hoist hook. The frame of the Basket is constructed of tubular stainless steel for low maintenance & the bail assembly folds into the basket for compact stowage. Bottom is enclosed with a plastic mesh liner with 1” openings. Basket provides excellent flotation performance and is self-righting with 100% reserve buoyancy. Float covers have reflective markings and are printed with safety pictorials. Measures 44½” long x 25” wide x 41” high assembled and only 21” high when stowed. Weight: 39 lbs. NSN: 4240-01-HS1-9969.

#496 Chinook Rescue Basket

The #496 Basket has been specifically designed for hoisting through the floor hatch of the CH-47 Chinook Helicopter using the internal winch. Constructed of tubular stainless steel, the simple design is easily maintained and handled. The bottom is enclosed by a plastic mesh liner with 1” openings. A removable flotation collar provides reserve buoyancy and self righting characteristics.

- Length: 31”  
- Width: 27”  
- Height: 41”  
- Weight: 34 lbs

#420 Rescue Seat

A compact, lightweight, and simple to use rescue device. Equipped with two folding seats and flotation collar. May be utilized for both maritime and land rescue operations. Patterned after the military Forest Penetrator, the Rescue Seat has been designed for simple operation and ease of maintenance. All problems (corrosion, spares, etc) with the military Forest Penetrator are eliminated.

Constructed entirely of stainless steel and corrosion resistant components, the Rescue Seat is virtually maintenance free. Each fold-down seat is equipped with a safety strap, and printed instructions on the flotation collar. Approved by US Navy and US Air Force.

- NSN: 4240-01-465-2302  
- Weight: 18 lbs  
- Dims: 6” W x 9” D x 32” H  
- GSA Contract #GS-07F-0078H
#214 Quick Strop
Currently used by US Coast Guard and Navy, the Quick Strop is available to all rescue activities. Constructed of MIL-SPEC webbing and stainless steel hardware, the strop provides a quick, safe means of hoisting uninjured personnel. Designed to be placed under the arms and around the back. Rescue personnel can slide the Strop over the head of the survivor and into place in a single quick motion. To prevent the survivor from slipping out, a friction buckle is slid down the Strop and attached to an adjustable safety strap (stowed in rear zipper pocket). Instructions and pictorials are printed on the Strop. NSN 4240-01-545-6722. Approved for US Coast Guard use and by NAVAIR for US Navy use.

#216 Rescue Strop
The Rescue Strop is used to hoist uninjured, military personnel during helicopter operations. The Strop is placed under the arms and across the back. The victim’s arms must remain down to prevent slipping free of the Rescue Strop during hoisting. A safety strap is provided to secure the victim’s arms down by their sides. Strop has printed pictorials. Personnel must be trained in the proper and safe use of this item. The Rescue Strop is designed to be unaffected by repeated use in the marine environment; constructed of nylon, closed-cell foam and stainless steel hardware. NSN 1680-01-347-4946. Restricted to military use by trained personnel only.

#380 Survivor Simulator
Field proven design is a durable & economical training aid for rescue swimmer programs and other in-water training requirements. Constructed of ballistics nylon cloth, closed-cell foam, and corrosion resistant hardware. The unit can withstand repeated helicopter deployment/drops into water from heights of up to 50’. Simulator is suitable for SADPU recovery, and is equipped with MADPU lifting ring.

- Retroreflective markings.
- Hi-visibility orange gussets and arms.
- Folds in half for compact stowage.
- Shoulder strap for easy transport.
- Fast draining/drying design.
- Snap hooks for lightstick attachment.
- Resists drift from rotor-wash and wind.
- Floats upright simulating an adult person treading water.
- Weight: 26 lbs (approximate)
- Dims: 18” L x 20½” W x 6” H (stowed)

#220 Trail (TAG) Line Assembly
Often referred to as a Tag Line, the #220 is used to control & guide rescue equipment during helicopter hoist operations. Contains line pack, 120’ of 3/8” hollow braid rope (#498), weak-link (400-500 lbs.), 5 lb shot bag, line handling gloves, and V-strap. Suitable for the Medevac, Medevac II, and Stokes-type litters. Hardware is stainless steel. Components can be purchased separately. Extended version with 240’ of rope available.

- NSN 4010-01-312-4854
- NAVAIR Approved

#230 Chemical Light Strap
Strap is used for attaching Lightsticks to rescue hooks or other devices during night operations. Hardware is made of brass and stainless steel for corrosion resistance. NSN 4220-01-325-3133. Approved by NAVAIR.

#619 Trail Line Quick Release
Simple stainless steel snap shackle with beaded lanyard. Attaches between rescue hook and tag line, allows rescue swimmer to easily disconnect line at the hook if needed. Does not replace trail line weak link.
Rescue Equipment Cases

Heavy-duty and lightweight hang-up cases provide storage for miscellaneous rescue equipment. Cases can be quickly moved from one aircraft to another. NAVAIR Approved. Pockets are marked and will hold equipment as specified by NWP 3-50.1.

**#260 Rescue Equipment Case (NSN 1680-01-243-4523)**

The #260 measures 28” x 44”.

- Front panel: 3 pockets @ 5½” W x 11” L x 3” D.
- 4 pockets @ 4½” W x 9” L x 1½” D.
- 3 pockets @ 5½” W x 13” L x 2” D.

- Back panel: 1 pocket @ 24” W x 10” L x 3½” D.
- 1 pocket @ 24” W x 16” L x 3½” D.
- 1 pocket @ 24” W x 10” L x 5½” D.

**#261 Rescue Equipment Case, Small**

Measures 17” x 44”. Same front panel configuration as #260. Back panel consists of only 1 pocket measuring 16” x 24”.

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**#262 Smokes Bag**

Designed for the H-60 cabin to safely stow smoke canisters. The front panel has pockets sized to stow six (6) MK-25 canisters. Rear panel stows two (2) MK-58 canisters and three (3) electric sea marker lights. Durable, multiple-ply construction using ballistics nylon cloth. Attaches with two quick release snap shackles at the top, and the bottom is secured by two adjustable straps with snap hooks. All hardware is stainless steel for corrosion resistance. Measures 17” x 44”. Approved by NAVAIR.

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**#515 Aerial Delivery Container**

Designed for aerial delivery of small items to land or sea. The open head steel drum is sealed with a lever type ring, and is supplied with a nylon webbing sling and welded fittings for parachute attachment. Drum features a high visibility orange powdercoat finish with retroreflective markings. Measures 14” diameter and 18” high. Includes a removable 25 lbs weight bag to ensure minimum weight for parachute deployment. Total container weight with removable weight bag is 40 lbs.

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Emergency Egress
Air Devices

**Aqua Lung SEA**

Survival Egress Air utilizes Aqua Lung’s service proven regulator designs. Available in MK or LV variants. Both feature 3000 psi / 1.5 cu ft bottle, high-flex 20” hose, swivel adapters, dial gauge and on/off valve. The MK has a low profile 2nd stage regulator, while the LV has a low volume 2nd stage regulator. Can be refilled from a scuba tank or dive shop with adapters (sold separately). Includes mouthpiece cover. **WARNING:** Emergency device to assist egress from submerged aircraft; training is required.

- **#576-MK SEA MK w/ Low Profile 2nd Stage**
- **#576-LV SEA LV w/ Low Volume 2nd Stage**
- **#576-1 SEA Refill Adaptor, Scuba Tank**
- **#576-2 SEA Refill Adaptor, Comp. Station**

**#576-CG SEA CG (Restricted - US Coast Guard Only)**

Modified SEA without the on/off valve. Includes 1st and 2nd stage regulators, mouthpiece with USCG logo & a flexible 20” or 27” hose. Bottle must be purchased separately (see #575-7).

**#575 HEED III – Breathing System**

The Helicopter Emergency Egress Device is designed to enhance the survivability of aircraft crew members. Compact design weighs only 1.33 lbs. The 3000 psi / 1.7 cu ft bottle provides approximately 30 breaths (at the surface) to give users the extra time to exit a submerged aircraft/vessel. Includes a dial pressure gauge and a rigid, nonactive purge button cover to prevent air loss. Easily refilled from a scuba tank or at a local dive shop with adapters (sold separately). **WARNING:** Emergency device to assist egress from submerged aircraft; training required.

- **#575-1 HEED Refill Adaptor, Scuba Tank**
- **#575-2 HEED Refill Adaptor, Comp. Station**

**#575-7 SEA/HEED Bottle**

Replacement 3000 psi / 1.7 cu ft bottle will fit either the SEA or HEED egress devices. Bottle has neon yellow powdercoat finish.
TRITON Harness with Integrated Flotation Vest
The TRITON is LSC’s second generation helicopter hoistable rescue harness with dual recovery capability. It is standard equipment for the USCG Aviation Rescue Swimmers. Building on the foundation & comfort of the TRI-SAR (see below), the TRITON offers numerous enhancements. A new low profile flotation vest provides variable buoyancy up to 35 lbs with reduced bulk. Several equipment pockets have been transferred to the waist belt for improved weight distribution and comfort. Quick release buckles have been added to the leg straps for easier donning and doffing of the harness, and a chest strap added for better fit adjustment. The recovery hook has been updated to LSC’s lightweight #512 Titanium Talon II safety hook with locking gate. All components and materials are corrosion resistant for the marine environment. Uses one 33 gram CO2 cylinder (#484).

- Size (Height): M (64 - 69”), L (68 - 73”), XL (72 - 78”), XX (74 - 80”).
- Color: Black harness with international orange vest.

#497-O TRITON
#497-OCG TRITON w/ USCG Markings

### TRI-SAR Harness with Integrated Vest
The TRI-SAR is LSC’s first professional grade helicopter hoistable rescue harness with integrated flotation and dual recovery capability. It is standard equipment and approved for US Navy Aviation & US Navy Surface Swimmers. The TRI-SAR combines the security of a full body harness, comfort of a seat harness and safety of integrated flotation. Constructed of Mil-Spec webbing, and low profile, quick adjusting stainless steel hardware. When hoisted, the upright, slightly reclined & seated position allows total use of the hands. Ideal for rapid deployment in swift/cold water or cliff type rescues. Wide leg and waist straps optimally distribute weight for superior comfort and support without the use of heavy, bulky pads. Flotation vest is easy to swim in, with user variable buoyancy up to 35 lbs (oral or manual CO2 inflation). The encased design requires no repacking after use; simply deflate. Stowage pockets provided for rescue and emergency equipment. Uses one 33 gram CO2 cylinder (#484). Sized by Height: M (64 - 69”), L (68 - 73”), XL (72 - 78”), XX (74 - 80”).

- GSA Contract #GS-07F-0078H.
- Available in three (3) standard models (listed below):
  
  **#487-O TRI-SAR, Civil Operators**
  Includes harness and orange vest with retroreflective panels.

  **#487-B TRI-SAR, US Navy - Aviation**
  Includes harness and black vest with US Navy pocket configuration.
  NSN 4240-01-517-5062 (M)          NSN 4240-01-517-5064 (XL)
  NSN 4240-01-517-5061 (L)          NSN 4240-01-517-5065 (XX)

  **#487-BS TRI-SAR, US Navy - Surface**
  Identical to #487-B, with the addition of a shoulder ring for attachment of a tending line.

### #518 Dive-SAR Harness
The Dive-SAR is designed as a constant wear, helicopter hoistable harness. Identical in construction to the TRI-SAR harness with the addition of an upper chest strap. The additional strap counteracts the weight of a scuba tank, thereby ensuring the slightly reclined, seated hoist position. Harness is designed to allow the user to wear an integrated or Mae-West style buoyancy compensator. Size XL.

### #219 Quad Lock Aviation Crewman Safety Belt
For use by helicopter crew working near open hatches or doors. Combines a high degree of security with quick releases. Features a 5” wide inner belt with two outer Mil-Spec nylon webbing waist belts. Each waist belt is secured with double locking QRSB Buckles. The two buckle system provides the extra level of safety needed in the aviation environment. The quick-adjusting, single tether strap located in the center back of the belt has a stainless steel safety hook. Fits waist sizes 30” – 48”.
#202 Rescue Swimmer Harness (Surface)
Enhances the effectiveness & safety of rescue personnel for in-water rescue from ships, small craft or shore. Universally sized harness is donned & adjusted in seconds. Constructed of black, Mil-Spec webbing with a quick-release feature to allow the swimmer to release the safety/tending line if the need arises. A quick pull on the beaded lanyard opens the stainless steel snap shackle and releases the safety line ring. Harness is equipped with attached Rescue Knife (#358), and is supplied with a 70' tending line of yellow, hollow-braid, polypropylene rope (#498). Tending line is coiled and secured to the backside with hook & loop retainer straps. Free end has a spliced-in hand loop for the line handler. Opposite end has a stainless steel release ring spliced-in for attachment to the snap shackle. NSN 4240-01-361-1273. Approved by the US Coast Guard for USCG Surface Swimmers.

#486 Inflatable Rescue Swimmer Vest & Harness
Designed for surface rescue swimmers. Single compact unit combines a harness and inflatable life preserver. Harness is made of Mil-Spec webbing with stainless steel and high-strength plastic hardware for corrosion resistance. Includes a quick-release stainless steel snap shackle with beaded lanyard, allowing the swimmer to release the safety line if the need arises. Quick donning design with front zipper closure, secured by LSC's QRSB Buckle. Waist adjustment (30" to 48") is accomplished with two front located adjustors. Flotation cell is enclosed entirely in a heavy weight, puncture and abrasion resistant nylon case that requires no repacking after use; simply deflate. Vest provides variable buoyancy up to 35 lbs and can be inflated manually with CO₂ or orally with air. Comes with SOLAS grade retroreflective panels, two equipment pockets (5½" x 4" x 1½") on the front and a #358 Survival Knife. Includes 33 gram CO₂ cylinder (#484). NSN 4220-01-542-6814. Approved for US Coast Guard Surface Swimmers.

#486-CG Inflatable Rescue Swimmer Vest w/ CG
Rescue swimmer vest with factory applied USCG markings.
- GSA Contract #GS-07F-0078H.

#204 Navy Surface Swimmer Harness
Constructed of Type 13 MIL-SPEC webbing with stainless steel hardware for strength and corrosion resistance. The black webbing provides increased UV resistance. Harness pockets provide stowage for strobe light and signaling devices. Meets the requirement for the US Navy Surface Swimmer. Approved by the US Navy for all Surface Swimmers. NSN 4240-01-327-6185.

#218 Boat Safety Belt
Standard USCG Boat Safety Belt, features LSC’s high-strength QRSB Buckle. Quick adjusting tether straps with stainless steel hardware. Colored hang-up strap indicates belt size: black/small and red/large. US Coast Guard approved for USCG boat crews.
- Size: Small (27" - 36")
- Large (34" - 44")
- GSA Contract #GS-07F-0078H

#615 Boat Seat Belt Assembly
LSC’s corrosion resistant seat belt assembly is constructed of Mil-Spec webbing and features LSC’s high-strength, QRSB Buckle with friction adjustor. Includes 304 stainless steel attachment fittings with ½” anchor holes. Breaking strength at 3,000 lbs. Available in two sizes.
- Regular: 54" total length
- Long: 63" total length

#780-2 Kory Harness and #780-1 Tether
A simple seat harness (#780-2) and tether (#780-1) serves as a safety restraint for boat crew personnel. Specifically intended to secure the gunner in USCG response boats. Harness features LSC’s low profile stainless steel adjustors and rings. Tether incorporates a stainless steel snap shackle with beaded lanyard for quick release. Tether and harness sold separately or together as a kit (#780 Harness & Tether).
- Size: Universal
- GSA Contract #GS-07F-0078H

NEW!
#358 Rescue & Survival Knife
The basic survival tool. A high quality, compact, lightweight, snag and corrosion resistant knife manufactured by LSC. This knife has a razor sharp, 4" mirror finish stainless steel blade with blunt tip. The upper edge is serrated and features a line cutter. Handle is ABS plastic with sure-grip design and molded lanyard hole. Includes rubber belt sheath with integrated safety retainer. Overall knife length is 8". Optional attachment harnesses available to stow the knife on life vests, see below.

Harvests for #358 Knife
Lightweight harnesses for the #358 Rescue & Survival Knife provide simple and secure attachment of the knife and sheath to three popular vest style PFDs. Knife not included.

#358-H Knife Harness for #320
This harness attaches to the Stearns® Versatile (#320) and similar.

#358-H2 Knife Harness for #460
This harness is specific for the Stearns® Utility Vest (#460).

#358-H3 Knife Harness for #430
This harness is specific for the Stearns® Type III SAR Vest (#430).

#195 Cable Cutter
High quality Swiss-made cable/wire cutters with insulated handles. Hardened and precision ground, cutting blades ensure a clean, fast cut every time. An economical and practical tool to clear deck rigging or to cut the helicopter hoist cable without activating the emergency internal cutter. Suitable for 3/16" diameter and smaller stainless steel wire rope. Length 13". Weight: 26.5 oz.

#390 Gerber® Multi-Plier 600 Tool
Features one-handed opening with easily accessed components with safety locks. Includes crimper, needle nose pliers, wire cutter, standard & metric scales, lanyard ring, crosshead & 3 flat screwdrivers, can & bottle openers, fine & coarse files, drop point & serrated sheep's foot blades. Constructed of heavy-gauge stainless steel with black finish. Smooth handles & ballistic nylon sheath. Length: 5 1/8" (closed). Weight: 8.0 oz.

#700 Safety Hook Knife
An inexpensive yet functional safety knife for use by rescue personnel to remove belts, clothing etc., or in an emergency to safely free oneself and others from fouled lines & restraints. Corrosion resistant design with rigid plastic handle features a super-sharp stainless steel blade. The hook design and non-exposed blade significantly, reduce the chance for laceration injury. The single blade design offers superior all-around performance. Length 6 5/8". Color: Yellow.

#709 LEATHERMAN® Kick™
Leatherman’s slimmest multi-tool is an economical and compact design with the basics. Features combination needle nose and regular pliers, wire & hard-wire cutters, clip point knife, large & small screwdrivers, crosshead screwdriver, ruler, bottle/can opener, wire stripper & lanyard attachment. Contoured Zytel® handle inserts ensure a firm and comfortable grip. Includes nylon sheath. Length 4" (closed). Weight 5.2 oz.

#706 LEATHERMAN® New Wave®
Leatherman’s most popular multi-tool, redesigned with larger knives & stronger pliers. Stainless steel construction. Features combination needle nose & standard pliers, wire cutters, hard-wire cutters, clip point knife, serrated knife, scissors, saw, wood/metal file, diamond coated file, large bit driver, small bit driver, large screwdriver, ruler, bottle/can opener, wire stripper, two double ended bits and lanyard attachment. Includes nylon sheath. Length 4" (closed). Weight 8.5 oz.

#707 Gerber® Multi-Plier Legend™ Tool
Stainless steel construction is lightweight, ergonomic and built to last. Jaws have replaceable tungsten carbide cutting inserts, replaceable RemGrit® blade, easy one-handed opening knife blade and Fiskars® scissors. All components feature safety lock and are accessible without opening the tool. Complete with black, ballistic nylon sheath. Length: 5 1/8" (closed). Weight: 8.6 oz.

#705 Gerber® E-Z-Out® Rescue Knife
The Gerber® E-Z-Out® knife features a folding blade with lock and a fiberglass reinforced handle. Easily opens with one hand. Includes removable stainless steel pocket clip. Stainless steel 3.5" blade with serrated edge. Open length is 8" and weighs 2.5 oz.

#708 Cable Cutter
High quality Swiss-made cable/wire cutters with insulated handles. Hardened and precision ground, cutting blades ensure a clean, fast cut every time. An economical and practical tool to clear deck rigging or to cut the helicopter hoist cable without activating the emergency internal cutter. Suitable for 3/16" diameter and smaller stainless steel wire rope. Length 13". Weight: 26.5 oz.

#700 Safety Hook Knife
An inexpensive yet functional safety knife for use by rescue personnel to remove belts, clothing etc., or in an emergency to safely free oneself and others from fouled lines & restraints. Corrosion resistant design with rigid plastic handle features a super-sharp stainless steel blade. The hook design and non-exposed blade significantly, reduce the chance for laceration injury. The single blade design offers superior all-around performance. Length 6 5/8". Color: Yellow.
### Ring Buoys

US Coast Guard approved Type IV Ring Buoys meet the requirement for a throwable floating device. Buoys have a vinyl coated nylon skin over urethane foam core. Available with or without reflective markings. Color: Orange.

- #244  Ring Buoy, 20"  
- #244-R  Ring Buoy, 20" w/ Retroreflective Markings  
- #245  Ring Buoy, 24"  
- #245-R  Ring Buoy, 24" w/ Retroreflective Markings  
- #246  Ring Buoy, 30"  
- #246-R  Ring Buoy, 30" w/ Retroreflective Markings

### Stowage Rack for Ring Buoy

Heavy-duty, welded stainless steel construction for a lifetime of maintenance-free use. Available in three standard sizes with predrilled holes for stanchion and life line mounting, as well as cabin wall installation.

- #255  20" Stowage Rack  
- #256  24" Stowage Rack  
- #257  30" Stowage Rack

### #241 Ring Buoy Line Bag

The solution for rapid deployment of a ring buoy and rescue line. Compact bag holds 90’ of 3/8” hollow braid, UV resistant, yellow polypropylene rope (#498), which has excellent flotation characteristics. Rope attaches to ring buoy with a stainless steel snap hook. Bag is constructed from heavy-duty nylon. Optional stainless steel bracket (sold separately) mounts easily, and securely stows line bag for convenient and quick access.

- #241-B  Replacement Bag for #241  
- #232  Stainless Steel Bracket for #241

### #338 Stearns® Man Overboard® Inflatable Life Ring

Inflatable ring buoy throws like a baseball; inflates automatically in less than 5 seconds. Reusable break-away pouch.
- Automatic water activated CO₂ inflation.  
- Strong nylon retrieval harness.  
- SOLAS grade retroreflective tape.  
- Color: Orange.

- #338-K  CO₂ Rearing Kit (901)

### #314 ACR® Strobe Illumination Marker

SOLAS 74/83 and USCG 161.010/6/1 approved (Floating Electric Water Light) for installation with other required survival equipment. Drop tested 300 ft. into water, the strobe illumination marker is the ideal man overboard light for tethering to ring buoys etc. See page 31 for complete product details.

### #215 Personnel Retrieval Strap

For recovery of uninjured people from the water. The length of the strap is sufficient for use from boats having freeboards from 2 to 8 ft. The body loop is padded with closed cell foam. The main strap is constructed of Type 13 nylon webbing. Spaced hand loops provide easier, faster, and more secure lifting than using a rope.

### #555 Patrol Rescue Can

Ideal for lifeguard patrol. The Patrol Rescue Can is the latest innovation of the torpedo or diamond buoy. Seamless unit is extremely buoyant, lightweight and formed from a highly visible orange plastic with molded handles. Offers durability and low maintenance. Includes line and a nylon shoulder strap with hook & loop closures. Measures 25” long and weighs 3.5 lbs.

### #280 Float Marker

A temporary marker ideally suited for marine rescue or law enforcement personnel. Reusable buoy is made of structural foamed resin & weighs 1 lb. High visibility yellow with dayglow rings. Includes 100’ of polyethylene 225 lb test line, and a 6 oz. non-drag dispatchable anchor. Size: 8” L x 3” OD.

### Rescue Rope Reel

Intended for use where fast, tangle-free deployment and retrieval is required. The heavy-duty plastic reel will hold a variety of ropes and lengths (see below). The tubular frame and fasteners are stainless steel for corrosion resistance.

- #264  Spare Reel  
- #265  Rescue Reel & Frame w/o Rope  
- #266  Rescue Reel & Frame w/ #498 Rope, 600’  
- #267  Rescue Reel & Frame w/ #498 Rope, 1000’  
- #268  Rescue Reel & Frame w/ #500 Rope, 500’  
- #269  Rescue Reel & Frame w/ #505 Rope, 500’
Rescue & Safety Rope - By the Foot or Reel

#498 Polypropylene Rope, 3/8”
Hollow-braid, monofilament construction provides good handling characteristics, positive flotation, and can be easily spliced. High-visibility yellow color. Breaking load 2,200 lbs. 1,100 ft/reel.

#500 Max-Grip Safety Line, 3/8”
A hollow-braid MFP jacket in high visibility golden-yellow surrounds a multifilament polypropylene core. Line has positive flotation and excellent flexibility characteristics. Jacket is a unique braid of alternating strand diameters forming a tread-like pattern for improved hand grip in wet conditions. Breaking Load 2,250 lbs. 600 ft/reel.

#505 Water Rescue Rope, 3/8”
Diamond-braid nylon jacket in high visibility yellow with orange tracer protects the multifilament polypropylene core. Nylon jacket provides strength, abrasion & UV resistance, while the MFP core imparts positive flotation. Breaking Load 2,250 lbs. 600 ft/reel.

#621 Accessory Hanger
The ideal hanger for your water rescue accessories. Has separate prongs to individually hang gloves, boots, and hood. Compact design allows for thorough ventilation & reduced drying time of each item. Molded of heavy-duty black plastic.

#623 Wetsuit/Drysuit Hanger
Heavy-duty, noncorrosive plastic hanger with wide, 2” rounded shoulders. Prevents pressure point damage to your expensive wetsuit or drysuit & aids ventilation for reduced drying time.

#621 Accessory Hanger
The ideal hanger for your water rescue accessories. Has separate prongs to individually hang gloves, boots, and hood. Compact design allows for thorough ventilation & reduced drying time of each item. Molded of heavy-duty black plastic.

#623 Wetsuit/Drysuit Hanger
Heavy-duty, noncorrosive plastic hanger with wide, 2” rounded shoulders. Prevents pressure point damage to your expensive wetsuit or drysuit & aids ventilation for reduced drying time.

SeaVision 2000 Low Volume Dive Mask
Lightweight, two lens, low volume design provides excellent visibility. Features a high impact, black plastic frame with surgical silicone skirt and wide head strap for a comfortable fit and security. CR-39 polymer lenses are half the weight of glass and provide inherent UV protection without coatings to scratch or rub off over time. Available with either clear or the light intensifying Max Vision lenses for low light or night operations. Includes plastic clamp for attachment of 4” lightstick (#568).

#542-C SeaVision 2000, Clear Lenses
#542-M SeaVision 2000, Max Vision Lenses
#542-1 Replacement SeaVision 2000 Strap, Black

#543 Aqua Lung Wraparound Dive Mask
Heavy-duty, design with impact resistant lens exceeds American National Standard Z86.11-1985. Black frame and components. Optional #547 chemical light bar allows for attachment of 4” lightstick (#568). Approved for use by the US Navy and Coast Guard rescue swimmers.

#543-1 Replacement Mask Strap, Black
#543-2 Replacement Strap Buckle, Black

#545 Anti-Fog & Lens Cleaner
Sea Drops, by the manufacturer of Aquaseal, is designed for maximum dive mask defogging and easy application in the field. Safe for all plastic and glass lenses. Will not harm surrounding silicone, plastic, or rubber supports. May be used on goggles, binoculars, eye glasses, etc. 1.25 oz.

#547 Chem-Light Bar
Attaches to the frame of the #543 wraparound dive mask and secures LSC #568 4” lightstick to the mask for illumination at night.

#548 Shredder SAR Rescue Fins
New fin by Aqua Lung features a patented split blade design for improved thrust with less fatigue. Ultra light polymer blade with large foot pocket (fits boots of ice rescue suits). Fin strap with adjustable buckles and quick-release leash.

#548-1 Replacement Fin Strap

#546 Rocket Fins
Manufactured by Aqua Lung/US Divers. Excellent propulsion and comfort in a vented design. Unique rubber compound allows you to achieve greater efficiency by reducing the overall weight. One size fits all.

#546-1 Replacement Fin Strap

#541 Snorkel, Black

#542-C SeaVision 2000, Clear Lenses
#542-M SeaVision 2000, Max Vision Lenses
#542-1 Replacement SeaVision 2000 Strap, Black

#543 Aqua Lung Wraparound Dive Mask
Heavy-duty, design with impact resistant lens exceeds American National Standard Z86.11-1985. Black frame and components. Optional #547 chemical light bar allows for attachment of 4” lightstick (#568). Approved for use by the US Navy and Coast Guard rescue swimmers.

#543-1 Replacement Mask Strap, Black
#543-2 Replacement Strap Buckle, Black

#545 Anti-Fog & Lens Cleaner
Sea Drops, by the manufacturer of Aquaseal, is designed for maximum dive mask defogging and easy application in the field. Safe for all plastic and glass lenses. Will not harm surrounding silicone, plastic, or rubber supports. May be used on goggles, binoculars, eye glasses, etc. 1.25 oz.

#547 Chem-Light Bar
Attaches to the frame of the #543 wraparound dive mask and secures LSC #568 4” lightstick to the mask for illumination at night.
Rescue Line Bags
The Rescue Line Bag is the solution for rapid and accurate deployment of a line for rescue or boat handling needs. A flexible ball (#229) is used in the nose of the bag to provide weight in windy conditions and offers superior accuracy and ease of use compared to other designs. Each bag is constructed of UV resistant nylon fabric and includes 3/8” solid braid, UV resistant, Max-Grip line (#500) with excellent flotation, strength and abrasion resistant properties. Line bag is available in 50’ or 70’ lengths. Optional stainless steel stowage brackets are available separately for convenient and quick-access. Color: Orange.

#226 Rescue Line Bag, 70’
#226-B Replacement Bag for #226
#232 Bracket for #226

#233 Rescue Line Bag, 50’
#233-B Replacement Bag for #233
#234 Bracket for #233

Rescue Heaving Line
Uses a flexible ball with just enough weight to provide long, accurate throws every time, yet not heavy or hard enough to cause damage or injury. Both the ball and 3/8” braided, synthetic line float extremely well. The stowage bag is constructed of international orange, UV resistant vinyl coated fabric. Stainless steel snap hooks and D-Ring straps allow the bag to be hung in a readily accessible location. The Heaving Line is currently in use by the US Coast Guard, US Navy, Fire Departments, & other rescue agencies. Available in both 70’ (#227) and 100’ (#227-H) lengths.

#227 Rescue Heaving Line, 70’
#227-B Replacement Bag for #227
#228 Replacement Line & Ball, 70’
#227-H Rescue Heaving Line, 100’
#227-HB Replacement Bag for #227-H
#228-H Replacement Line & Ball, 100’
#229 Replacement Ball (all Heaving Lines)

Water Rescue Throwline Bags
Conventional water rescue throwlines. The #237 bag is constructed from UV resistant nylon, while the #238 bag is constructed of a PVC coated polyester mesh. Both have an Ethafoam flotation insert and a quick release buckle on the handle strap. Each bag contains 75’ of 3/8” Max-Grip Safety Line (#500) which provides excellent flotation characteristics, strength, and abrasion resistance.

Professional versions are available as the #237-P and #238-P. Each professional bag contains 75’ of 3/8” Water Rescue Rope (#505), with an outer nylon jacket over a polypropylene core for greater strength and improved resistance to abrasion.

New for 2008 is #235 stainless steel stowage bracket that fits all versions of #237 / #238 series throwline bags.

#237 Standard Throwline, Orange, 75’
#237-P Professional Throwline, Orange, 75’
#237-B Replacement Bag for #237 & #237-P
#238 Standard Throwline, Yellow Mesh, 75’
#238-P Professional Throwline, Yellow Mesh, 75’
#238-B Replacement Bag for #238 & #238-P
#235 Bracket for #237/#237-P & #238/#238-P

#213 Line Pack
The Line Pack provides for compact stowage and rapid, tangle-free deployment of line. The pack features quick adjusting, backpack style shoulder straps. Stainless steel D-Rings at the bottom and top of the pack are used for attachment of the line. Pack includes 500’ of 3/8” yellow, hollow-braid polypropylene rope (#498), with attached heavy-duty stainless steel snap hook at one end. A wooden hanking tool is also provided. The Line Pack is designed for use by shipboard and surf rescue swimmers, as well as other applications where ease of portability and rapid deployment are required. Color: Orange.

#213-P Replacement Pack for #213
Pelican Protector® Equipment Cases
Pelican equipment cases provide the ultimate protection and are watertight & airtight to 30' depth. Lightweight, structural resin with a neoprene o-ring seal and purge valve. Molded grip, fold down handle, locking flanges, and massive multiple latches for absolute security. Stocked in 5 common sizes with pick n’ pluck foam. Available in black or orange.

Pelican Micro Cases
Micro cases are dustproof & watertight. Feature automatic pressure relief valve and an elastomeric liner for protection. The perfect solution to protect your small valuables and electronics (wallet, GPS). Available in black only.

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<th>Inside Dims. L x W x H (in)</th>
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#307 Dri-Bag
This rugged, waterproof gear bag utilizes a premium grade survival suit zipper, for a dependable & positive seal. Multilayer design with durable orange nylon shell for abrasion resistance, 3/16” thick closed cell foam padding on the bottom and sides for impact protection, and an inner waterproof liner of heavy-duty urethane coated nylon. Size: 20” W x 13½” H x 11” D.

#304 Rescue Swimmer Gear Bag
A rugged gear bag designed for rescue swimmers. Constructed of black, heavy-duty nylon fabric. Features padded shoulder straps and a top carrying handle. Compartments of varying sizes fit odd sized equipment. Main compartment is sized at 20” x 24” x 9”. Side compartments (9” x 24” x 3”) are perfect for fins, and the double padded front compartments (12” x 8” x 4” and 12” x 12” x 4”) protect delicate equipment.

#299 USCG Life Raft Container
Heavy-duty life raft container, with webbing reinforced bottom for abrasion protection. Accommodates either LR-1 or LR-18 one-man life raft. Case features hook and loop closure with quick pull tab, handles, reflective markings, snap hooks and lanyard. Dimensions: 8” Dia. x 13.5”.

#308 Rescue Gear Bag
LSC’s professional gear bag. Water-resistant, rugged, and constructed of a heavyweight nylon fabric. High visible orange gusset with black sides and bottom. Features YKK corrosion resistant zippers on the main compartment and two side pockets. Sewn-in plastic panels provide support while loading equipment. Embroidered markings. Features two carrying handles and a removable shoulder strap. Size: 21” L x 12” W x 13” D.

#251 Medical Kit Bag
Durable nylon panel measures 22” x 40", and contains 17 pockets of various sizes with Vision® zipper closures. Two loop straps with quick release buckles are fixed to the top of the case for hanging and easy access. Panel folds into thirds and stows in the attached zippered case, measuring 22” x 7” x 11”. Compact and lightweight design is quickly accessed by unzipping the bag and lifting the loop straps to expose the kit. All hardware is corrosion resistant. Medical items are not included. Approved by NAVAIR. NSN 6545-01-157-9112
Osprey Flotation System & Vest Ensemble (Modular)
The Osprey Ensemble is a simple and modular approach to a gear carrier/survival vest (#745 series) with integrated flotation system (#740, #741, or #742). The modular design enables both aviation and maritime personnel to configure a lightweight, yet robust ensemble tailored to their specific requirements or mission; ranging from a simple pilot or boat crew vest with minimal fixed equipment pockets to a tactical ensemble with integrated extraction harness, high buoyancy flotation collar, and MOLLE panels for custom pocket configuration. Modularity allows users to economically update the ensemble by only replacing worn or damaged components, and/or adding components in support of new mission requirements. Key features of the Osprey Flotation System and Vest Ensemble include:

- Modular & practical design allows end user customization and permits the flexibility to dress for the mission.
- Three available gear carriers satisfy most requirements.
  - Vest (#745) with fixed pockets.
  - Vest (#745-M) with MOLLE panel for custom layout.
  - Vest (#745-MH) with harness, tether & MOLLE panel.
- Gear carriers are universally sized with adjustable waist belt and stowable leg straps; one size fits most.
- Easily integrates with Osprey Low Profile Flotation Collars:
  - #742 LPFC with 50 lbs buoyancy.
  - #740 LPFC with 70 lbs buoyancy.
  - #741 LPFC with 70 lbs buoyancy & water activation.
- MOLLE versions of the gear carrier are compatible with commercially available MOLLE pouches and holsters.
- LSC offers three (3) MOLLE pockets designed specifically for the Osprey System.
- Superior mini-buckle attachment of the flotation collar to the gear carrier permits quick and easy installation & removal of collar. Retains the collar tight to the wearer’s body to eliminate cumbersome slack & unwanted movement. Keeps the inflated collar close to the body for optimal flotation performance.
- Vest only variants (#745 & #745-M) feature light-duty leg straps to ensure a secure fit and enhance in-water flotation performance. Small pockets with zipper closure stow the straps out of the way when not worn, reducing snag hazard.
- Carriers incorporate strap management system to neatly stow the loose ends of adjustable straps & reduce snag hazards.
- Corrosion resistant hardware.

At the core of the Osprey System is a lightweight and universal, one size fits most, gear carrier/survival vest constructed of mesh for comfort & ventilation. Vest is offered in three variants. Each features adjustable waist belt with heavy-duty buckle and zipper closure. Attached mini-buckle fittings enable quick and easy attachment of LSC’s Osprey Low Profile Flotation Collars. All materials are synthetic or corrosion resistant metal for long term service life in demanding environments. Color: Black

#745 Osprey Vest with optional #741 Flotation Collar
Basic and economical vest with fixed pockets. Ideal for pilots and aircrew. Right side of vest has one large utility pocket with internal divider forming two compartments measuring 4" L x 1.8" W x 6" D each. The left side features a holster to secure the #576 SEA (1.5 cu ft bottle) egress device, and a small utility pouch (measures 5.5" L x 1.5" W x 3" D). All pockets have internal loops to tether survival and signalling equipment. Stowable, light-duty leg straps ensure a secure fit and optimal flotation performance when integrated with any of the Osprey Flotation Collars (LPFC).

#745-M Osprey MOLLE Vest (shown with options)

#745-M Osprey MOLLE Vest
The Osprey MOLLE Vest is similar to the basic #745 Vest with the exception that all pockets have been removed and replaced with MOLLE (MOdular Lightweight Load-carrying Equipment) panels located on the left & right waist, and left & right chest. These panels allow the wearer to customize their vest layout with compatible MOLLE pockets & holsters available from LSC and other manufacturers. Two, flat map pockets with velcro closure are incorporated between the waist panels and the mesh vest. MOLLE pockets sold separately, see page 17.
#745-MH Osprey MOLLE Vest/Harness (shown with options)

**MOLLE Pockets for Osprey #745-M & #745-MH**
LSC offers three MOLLE style pockets/holster to integrate with the #745-M and #745-MH gear carriers. MOLLE pockets feature lace on design with snap fasteners. Pockets are constructed of heavy-duty nylon with hook and loop closures. All pockets feature pull tabs for quick and easy opening, and internal loops to tether survival and signalling equipment. Color: Black.

#745-P1 Osprey MOLLE SEA Holster
MOLLE pocket for #745-M and #745-MH. Securely stows #576 SEA egress device and includes additional small equipment pouch.

#745-P2 Osprey MOLLE Pocket, Large/Waist
Large utility pocket with internal divider forming two compartments measuring 4" L x 1.8" W x 6" D inches each. Features sleeve on inside pocket flap with beaded lanyard to stow a safety hook knife, LSC #700 (see page 11) or similar.

#745-P3 Osprey MOLLE Pocket, Small/Chest
Small utility pocket measures 4.5" L x 1.8" W x 6" D inches and is ideally sized for chest level mounting.

#745-P1 #745-P2 #745-P3

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#745-MH Osprey MOLLE Vest & Harness

The Osprey MOLLE Vest & Harness incorporates all the features of the #745-M (opposite page) with the addition of an integrated lifting harness, stowable rear tether attachment and rear drag handle. Intended for aircrew or tactical personnel who may require deployment or recovery by helicopter hoist. The rear tether permits mobile aircrew members to securely restrain themselves while inside the aircraft cabin. MOLLE pockets sold separately.

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**Osprey Low Profile Flotation Collars (LPFC)**
The Osprey LPFC is an updated design of LSC’s patented collar in use with the US Army Air Warrior and US Coast Guard aviation ensembles. Unique to the LPFC is the use of the mini-buckle attachment system permitting easy installation of the collar to any of the Osprey Vests, and allows the flexibility to dress for land or over water missions. Collar can be quickly replaced if damaged or removed for inspection. Buckles have been revised to provide a secure and tight fit between the collar and vest, eliminating slack & unwanted collar movement, while ensuring optimal in-water flotation performance by keeping the inflated collar close & tight to the body while in the water. LPFC is offered in standard (50 lbs) and high (70 lbs) buoyancy versions with the option for water-activated, backup inflation. All versions provide a compact and lightweight design. The portion of the collar that lies across the shoulders is only 1/4" thick, eliminating the interference with helmets common with other collars. The dual-chamber, inflatable bladder & dual inflation mechanisms ensure redundancy and safety, while enabling full buoyancy recovery should one chamber become damaged or punctured. When properly fitted the collar provides positive self righting (head-up) characteristics. Inflation is via manual pull-lanyard CO₂ activation, and may be orally inflated in an emergency. The high visibility bladder has reflective markings and is protected by a heavy-duty & flame resistant aramid case. Case is secured by a zipper closure preventing unwanted opening in wind blasts or snags, and is self parting on inflation. The design permits simple & quick maintenance with ease of repack. Available in Black or Green, and with optional case reflective markings.

#742 Osprey LPFC, Standard Buoyancy - 50 lbs
Standard collar suitable for most requirements. Provides 50 lbs of buoyancy in a compact and lightweight design. Utilizes two 25 gram CO₂ cylinders (LSC #350). Both cylinders are actuated by a single pull of the beaded inflation lanyard.

#740 Osprey LPFC, High Buoyancy - 70 lbs
High buoyancy collar provides 70 lbs of buoyancy stowed within the same compact case as the #742. Intended for tactical & military personnel, or troop passengers heavily loaded with equipment, ammunition, etc. Utilizes two 33 gram CO₂ cylinders (LSC #484). Both cylinders are actuated by a single pull of the beaded inflation lanyard.

#741 Osprey Marine Tactical LPFC w/ Auto - 70 lbs
High buoyancy collar provides 70 lbs of buoyancy in a compact case. Features the reliable Secumatic Auto Inflator (2 each) with manual pull-lanyard CO₂ inflation and automatic backup inflation in water. The high buoyancy design with water-activated backup is intended for marine tactical personnel exposed to greater risks of injury or unconsciousness, thus requiring a backup system to the manual inflation capability. Utilizes two 33 gram CO₂ cylinders (LSC #484). Individual (2) beaded inflation lanyards.

** Optional Quick-Fit-Kit and simple harness allow LPFCs to be ingrated to vests and harnesses by other manufacturers or to be worn standalone. See page 19 for details.**
#485-CG  Life Preserver Survival Vest (LPSV) w/ CG Markings

Intended for boat crews & boarding team members, the LPSV is ideal for SAR response and law enforcement. Provides superior performance and comfort compared to inherently buoyant PFDs. Features the reliable Secumatic Auto Inflator with manual pull-lanyard CO₂ inflation and automatic backup inflation when submerged in water. Beaded lanyard is easily identified by touch in an emergency. Manual-only version available.

Flotation cell can be inflated orally and is fully encased within a heavyweight, puncture and abrasion resistant nylon cover for simple repack and maintenance. Vest provides a positive righting moment with approximately 35 lbs of buoyancy. Two attached pockets for stowage of survival equipment. Pockets are positioned to provide optimal weight distribution, reduced interference, and to allow use of a law enforcement belt. Includes reflective markings, attachment to secure #358 Knife & Sheath, and one 33 gram CO₂ cylinder.

- Approved for USCG use.
- Meets LPSV requirements.
- Includes USCG ensign, emblem, and stencil.
- Pile patch to secure strobe light.
- Pin sleeve for attaching PML.
- GSA Contract #GS-07F-0078H.

#485-CGM  LPSV w/ CG Markings, Manual Inflator

LPSV with manual pull-lanyard CO₂ inflation and USCG Markings.

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#481  Pro Lite Vest

A Lightweight and extremely comfortable vest for professional and commercial operators. The #481 features manual pull-lanyard CO₂ inflation. The beaded lanyard is easily identified by touch in an emergency. Vest may also be inflated orally and provides the SOLAS standard 35 lbs of buoyancy, more than twice that of a typical Type III PFD. The inflatable cell requires minimal maintenance, and is constructed of 210 denier polyurethane-coated nylon and is protected by a heavy-duty nylon cover for durability. When inflated, the high-visibility orange cell exposes SOLAS grade retroreflective panels and attached whistle. Quick release front buckle & stainless steel slide bar side adjustors. Includes front D-ring, attached Buddy-line, and one 33 gram CO₂ cylinder (#484).

- GSA Contract #GS-07F-0078H.
- Back panel may be custom stenciled (see LSC #008).
- Color: Orange or Black.
- Size: Universal with adjustable waist belt (30" to 48").

#481-A  Pro Lite Vest Auto

LSC’s standard Pro Lite vest as describe above fitted with the Secumatic Auto Inflator providing automatic backup inflation when submerged in water.

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#481-CG  Pro Lite Vest, USCG Auto

LSC’s popular Pro Lite vest with US Coast Guard ensign, emblem and stencil applied at the factory. Comes standard with the Secumatic Auto inflator.

- Approved for US Coast Guard use.
- GSA Contract #GS-07F-0078H.
- Color: Orange or Black.

#481-CGM Pro Lite Vest, USCG Manual

USCG Pro Lite with manual pull-lanyard CO₂ inflation.

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#481-P  Pro Lite Waist Belt Pocket

Optional equipment pouch attaches to the waist belt of the Pro Lite and similar vests with 2" wide or narrower belts. Zippered pocket stows survival items and a separate pocket for #358 survival knife pocket. Revised attachment system keeps pocket secured to the belt. Color Orange or Black.

- GSA Contract #GS-07F-0078H.
#489 Pro Vest
Compact, lightweight, and comfortable to wear inflatable life preserver and survival vest combination for the professional pilot & crew. A single pull activates the CO₂ system inflating the dual chamber bladder. Bladder features two oral inflation tubes, and LSC’s recoverable displacement design in the event of single chamber puncture. The Pro Vest provides a positive righting moment (face-up) with approximately 35 lbs of buoyancy. Flotation bladder is constructed of heavy-duty, puncture and abrasion resistant nylon. Design is inherently simple to inspect, test, and repack. Pro Vest is constructed of nylon mesh for comfort, weighs less than 2 lbs, and is universally sized. Waist adjustment is via two Delrin® adjustors. All hardware is non-corrosive and the vest is equipped with two pockets. Right pocket measures 8” x 6” x 1¾” with a divider for radio and survival equipment; left pocket measures 8½” x 5” x 2” for the #575 HEED egress device, see page xx. The pockets are positioned to reduce interference and distribute weight evenly. The Pro Vest utilizes two 16 gram CO₂ cylinders (#540); included.
- GSA Contract #GS-07F-0078H.
- Size: Universal (Waist 30” to 48”).
- Color: Orange or Black.

#486 Rescue Swimmer Vest & Harness
Designed for surface rescue swimmers. Single compact unit combines a harness and inflatable life preserver. Harness is made of Mil-Spec webbing with stainless steel and high-strength plastic hardware for corrosion resistance. Includes a quick-release stainless steel snap shackle with beaded lanyard, allowing the swimmer to release the safety line if the need arises. Complete product description provided on page 10.

#740-QF Quick-Fit-Kit for Osprey LPFCs
Kit contains mating mini-buckle hardware to allow integration of the Osprey Flotation Collars (see page 17) onto gear carriers, harnesses, and vest ensembles (body armor etc.) made by other manufacturers. Includes parts for face-on (MOLLE) or permanent sew-on application.

#740-H Harness Assembly for Osprey LPFCs
A simple harness with mini-buckle fittings for attaching the Osprey Flotation Collars (see page 17). Harness includes leg straps and permits the flotation collar to be worn stand-alone over the top of other protective clothing and equipment.

#470 Stearns® Secumatic™ Auto Inflator
Easy to use water-activated auto inflator received U.S. Naval Sea Systems Command approval in February ’99. Inflator uses an extremely reliable and economical, water soluble, cellulose pill, and accepts UNF ½” x 20 threaded CO₂ cylinders. Auto inflation occurs within 1-2 seconds after submersion, yet provides high resistance to undesired activation from normal shipboard conditions and humidity. Complete with gaskets, cap nut and a package of ten cellulose pills (tablets).
- GSA Contract #GS-07F-0078H.

#471 Replacement Tablets, Auto Inflator (10 ea.)
#470-1 Replacement Safety Pin, Green

#482 Inflatable SAR Vest (LPU-28A/P)
The Inflatable SAR Vest is a compact, lightweight, over-the-head, rescue swimmer inflatable flotation device. Vest produces a positive self-righting moment (face-up) with approximately 35 lbs of buoyancy. Normally inflated manually with CO₂, or can be orally inflated through oral tube. Inflatable SAR Vest is built from heavy-duty 420 denier nylon for continuous wear, and uses a replaceable bladder. The vest incorporates all current approved changes to the USN LPU-28A/P Rescue Swimmer Vest including the PRC-125 modification. Includes 33 gram CO₂ cylinder (#484).
- Approved by the US Navy. NSN 4240-01-463-0197.

#482-1 Replacement Bladder
#482-2 Inflator Assembly w/ Lanyard

Replacement Components for Inflatable Vests
Listed below are industry standard consumables for inflatable life vest and collars by LSC and other inflatable manufacturers.

CO₂ Cylinders
- #540 16 gram, 3/8” threads
- #351 24 gram, 1/2” threads
- #350 25 gram, 3/8” threads
- #472 29 gram, 1/2” threads (Mil-Spec)
- #484 33 gram, 1/2” threads

Rearming Pins for HR Inflators
- #HI015 Lock Pin, Red
- #HI017 Lock Pin, Green/Semicircle

Inflator Gaskets
- #479 Gaskets, CO₂ Inflator (Set of 2)
- #484-S Gasket, 1/2” Cylinder Seat
- #488-S Gasket, 3/8” Cylinder Seat

Super-Bobbin for HR Auto-Inflators
- #474 Super-Bobbin
LSC can supply any STEARNS® Industrial product at a competitive price and with timely service. If the STEARNS® product required is not stocked by LSC, please inquire with a customer service representative and a quotation with price and availability will be provided promptly.

#344 Stearns® Powerboat
A new design for the original bomber style flotation jacket with extra comfort & mobility. New enhancements include redesigned wrist and waistband that will not expand when wet. Cut waist-length for freedom of movement. Soft Suisse Aire™ foam with coated nylon shell. Multiple pockets with hook & loop closure.

- USCG Approved Type III.
- SOLAS-grade reflective tape.
- Waterproof construction and design.
- Four pockets, plus sleeve utility pocket & inside chest pocket.
- Internal adjustable belt for a secure fit.
- GSA Contract #GS-07F-0078H.
- Color: Intl Orange, Navy, Orange/Black Combo, or Green.
- Sizes: XS–XXX.

#344-CG Stearns® Powerboat w/ CG Markings
Jacket with USCG stencil, emblem & ensign applied.
- GSA Contract #GS-07F-0078H.
- Color: Intl Orange or Orange/Black Combo.
- Sizes: XS–XXX.

#346 Hood for Powerboat Jacket
Insulated, detachable hood with drawstring closure.
- Color: Intl Orange or Navy.
- Size: Universal.

#460 Stearns® Utility Flotation Vest
LSC’s best selling flotation vest. The comfort series utility vest is specially designed with soft, lightweight mesh on the upper half of the vest for comfort and ventilation. Optional knife harness (#358-H2) available, see page 11.

- USCG Approved Type III.
- Tough, nylon oxford outer shell material.
- Two 1” encircling body straps with zipper front for secure fit.
- Two pockets with hook and loop closure.
- Light, durable Crosstech® flotation foam.
- D-rings for attaching gear.
- SOLAS-grade reflective tape.
- GSA Contract #GS-07F-0078H.
- Color: Intl Orange.
- Sizes: S–XXX.

#460-CG Utility Vest w/ USCG Markings
#460-A Utility Vest w/ USCG Auxiliary Markings
Stearns 
Flotation Vests

Custom Markings for Life Vests, Flotation Jackets, & Coveralls

LSC offers custom markings as an additional service to our customers. A custom stencil (#008) can be made-to-order for your specific unit, station, ship, etc. There is a onetime screen fee (#008) and a per item print fee (#009). All printing is with WHITE ink; black is available by specific request. LSC has several generic screens in-house (FIRE DEPT, SHERIFF, POLICE, NAVY, COAST GUARD, USCG AUXILIARY, RESCUE, etc.) requiring only the print fee (#009). A setup fee (#009-SF) applies for custom marked orders less than 10 pieces. IMPORTANT: All sales of custom marked items are final, returns are not be permitted.

#008 Custom Screen (made-to-order)
#009 Print Fee, per item
#009-SF Screen Setup Fee (waived on 10+ items)

#320 Stearns® Versatile
Highly functional, industrial flotation vest. Tough nylon shell with seven-piece foam design for all-day comfort. Features four roomy pockets with full hook and loop closures and rustproof Vision® zipper. Optional knife harness (#358-H) available, see page 11.

- USCG Approved Type III.
- Multiple foam inserts for exceptional flexibility and freedom.
- Quick-adjust side tabs for secure fit and comfort.
- SOLAS-grade reflective panels.
- Sturdy D-ring & eyelets for attaching lights, badge, etc.
- GSA Contract #GS-07F-0078H.
- Color: Intl Orange. Sizes: S–XXX.

#320-CG Stearns® Versatile w/ CG Markings
Versatile vest with USCG stencil, emblem & ensign applied.

- GSA Contract #GS-07F-0078H.
- Color: Intl Orange. Sizes: S–XXX.

#320-A Stearns® Versatile w/ CG Auxiliary Markings
Versatile vest with USCG Auxiliary stencil & emblem applied.

- Color: Intl Orange. Sizes: S–XXX.

#321 Stearns® Merchant Mate I, Adult
Type I flotation designed to keep most unconscious wearers face-up. Provides a minimum 22 lbs (98 Newtons) of buoyancy.

- USCG Approved Type I - Offshore life jacket.
- Reversible for quick donning.
- Intl Orange with SOLAS reflective panels.
- Attachment grommets for PML (#231).
- Encircling chest strap.
- Easily stacked for stowage.
- Heavy-duty stainless steel hardware.
- Size: Adult (Over 90 lbs.)

#329 Merchant Mate I, Child
Child size, provides 18 lbs of buoyancy.

- Size: Child (Less than 90 lbs.)

#328 Stearns® Work Master
The finest work vest available. Includes soft, comfortable closed-cell foam and encircling body belt with snag resistant buckle for quick adjustment.

- USCG Approved Type III/V.
- Hinged back panel.
- Mesh lining for ventilation.
- Heavy-duty nylon shell.
- Flotation collar for protection.
- SOLAS-grade reflective tape.
- GSA Contract #GS-07F-0078H.
- Sizes: Adult Universal or Adult Oversize.
- Color: Intl Orange.

#600 Stearns® Deluxe Merchant Mate II
Nonreversible Type I PFD designed for comfort and performance. Provides 22 lbs (98 Newtons) of buoyancy. Hinged back panel with foam-filled collar for head support. Encircling, adjustable body belt and chest strap. Rear opening on the back for safety tether attachment & accommodates most fall protection harnesses.

- USCG Approved Type I, Offshore life jacket.
- Heavy-duty nylon shell with SOLAS-grade reflective panels.
- Includes whistle with pocket for whistle and light stowage.
- Velcro® patch on shoulder to mount light for best visibility.
- GSA Contract #GS-07F-0078H.
- NSN 4220-01-485-1135.

#600-1 Deluxe Merchant Mate II & Strobe
Above vest with tethered water-activated strobe (LSC #316-WA).
**#464 Stearns® Versatile Rescue Vest**

Ideal for swiftwater technicians & rescue swimmers, the VR vest provides 25 lbs. of buoyancy. Polyethylene foam is encased within a rugged nylon shell, absorbs shock and insulates against the cold. Four front adjustable straps provide security while adjustable shoulders allow for customized fit. Side panels provide protection or can be folded inside for ventilation. Vest features a front quick release buckle system capable of supporting 1,100 lbs with the optional auxiliary tether (#464-1), purchased separately.

- USCG Approved Type V.
- SOLAS-grade reflective panels.
- **GSA Contract #GS-07F-0078H.**
- Colors: Red or Yellow. Size: Adult Universal.

**#464-1 Auxiliary Tether System**

Optional knife harness (#358-H3) available, see page 11.

- USCG Approved Type III.
- Two large & two chest pockets.
- Stowable leg straps.
- Fleece-lined stand-up collar.
- **GSA Contract #GS-07F-0078H.**
- Colors: Intl Orange. Sizes: S–4X/7X.

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**#331 Stearns® Force II**

Rugged work vest for all-around industrial use. Aquafoam™ flotation retains buoyancy even when punctured. Coated with strong, durable PVC. Color: Intl Orange.

- USCG Approved Type V.
- Easy to clean.
- Encircling belts with snag resistant buckles.
- SOLAS reflective panels.
- Size: Adult Universal.

**#327 Challenger™ Anti-Exposure Work Suit**

Popular work suit is a new design by Stearns and is more comfortable than ever! Features sealed seams for 100% integrity and allows full range of motion for all day comfort in the world's most demanding sea environments.

- USCG Approved Type III/V (Anti-Exposure Coverall).
- Adjustment straps on ankles, thighs, and wrists.
- Insulated hood to keep out wind and rain.
- Inflatable head support.
- Adjustable waist belt.
- Leg zippers for easy on/off over work boots.
- Neoprene wrist closures for a comfortable, watertight fit.
- Generous pockets, plus handwarmer pockets.
- Double layer of durable nylon fabric in seat and knees.
- 62 sq. in. of SOLAS grade reflective tape.
- **GSA Contract #GS-07F-0078H.**
- Colors: Intl Orange, Orange/Black Combo, or Green. Sizes: XS – XXX (Green available in S – XX only).
Stearns Inflatables & Cold Water Immersion Suit

#436 Stearns® Commercial Ultra Auto-Inflatable
High performance inflatable for commercial operators. Meets OSHA requirements. Utilizes HR-1F inflator with single point indicator & provides automatic inflation when submerged in water or manual pull lanyard inflation. Clear window shows arming status. Includes one pocket, reflective markings, & provides minimum 33 lbs (150 Newtons) buoyancy.
- USCG approved Type V Inflatable.
- GSA Contract #GS-07F-0078H.
- Color: Intl Orange or Black.
- Size: Adult Universal.

#340 Stearns® Cold Water Immersion Suit
No other brand of immersion suit is used in more worldwide applications than the Stearns® Immersion Suit. Exceeds US Coast Guard specifications for hypothermia protection. Immersion suit has a face seal and flap, attached five-finger gloves, waterproof zipper, and neoprene pocket for a rescue light. Each suit has been individually tested for seam leakage and strength. Stowage bag is included.
- USCG Approved.
- Complies with SOLAS 74/83.
- Complies with European MED.
- SOLAS-grade reflective panels.
- Inflatable head support.
- Includes stowage bag, color coded by size for quick identification.
- Replacement bags available.
- Color: Intl Orange.
- Sizes: See chart above.

#348 NAV Abandon Ship LP
NAVSEA authorized, the abandon ship life preserver is a commercial replacement for the old, Mil-Spec pouch type inflatable life preserver and is based on Stearns popular Inflata-Belt design. Attached to the waist belt is a small equipment pocket with a strobe light, whistle, and buddy-line.
- USCG Approved Type V.
- NSN 4220-01-487-2932.
- Color: Navy Blue.
- Size: Adult Universal.

#435 Stearns® USCG Auxiliary Inflatable
Lightweight and comfortable vest with two detachable pockets. The Secumar 3001 inflator provides automatic inflation when submerged in water or manual pull lanyard inflation. Includes whistle, reflective markings, and provides a minimum of 35 lbs (155 Newtons) buoyancy.
- USCG Approved Type V Inflatable.
- Color: Intl Orange with USCG Auxiliary markings.
- Size: Adult Universal.

#349 SOSPENDERS® Inflata-Belt™ Max, Manual
Inflatable vest that stows in a small pouch worn comfortably around the waist. Ideal when freedom of movement is essential. Provides 33 lbs of buoyancy. Second stage donning required. Manual pull lanyard inflation.
- USCG approved Type III.
- Color: Navy Blue.
- Size: Adult Universal.

#440 Stearns® Ultra Inflatable
High performance life vest for comfort and mobility with manual pull lanyard inflation. Tri-fold design for quick and easy repack.
- USCG approved Type II Inflatable.
- Minimum 22 lbs (100 Newton) buoyancy.
- Includes reflective markings.
- GSA Contract #GS-07F-0078H.
- Color: Intl Orange or Royal Blue.
- Size: Adult Universal.

Stearns® Immersion Suit
Size Chart

<table>
<thead>
<tr>
<th>Size</th>
<th>Weight (lbs.)</th>
<th>Height (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child</td>
<td>44–110</td>
<td>39–59</td>
</tr>
<tr>
<td>Adult Small</td>
<td>110–250</td>
<td>58–68</td>
</tr>
<tr>
<td>Adult Universal</td>
<td>110–330</td>
<td>59–75</td>
</tr>
<tr>
<td>Adult Oversize</td>
<td>220–375</td>
<td>75+</td>
</tr>
</tbody>
</table>

#345-K CO2 Rearming Kit (923)
Raintec Rain Gear
LSC’s ultimate breathable rain gear. This lightweight, heavy-duty, two piece rain suit is made with a high tech tri-laminate fabric. The fabric is water and windproof, yet breathable allowing body moisture to escape as vapor for all day comfort. The inner membrane is protected by a durable, high tenacity nylon shell and a tricot mesh lining creating a comfortable rain suit with no loss in functionality. All seams are sealed with heat welded tape to further insure that no leaks occur.

New design with numerous enhancements:
- Multi-Panel, adjustable hood with integrated brim and drawstring.
- Multi-panel, anatomically fitted sleeves with adjustable cuffs.
- Angled side pockets with water-resistant YKK zipper closure.
- Lengthened back panel keeps waist covered when bending.
- “Works-When-Wet” reflective markings - chest, back & sleeve cuffs.
- Improved storm flap on front jacket closure.
- Soft fleece lining on front collar.
- Gusseted legs with zippered expansion panel for easier donning and doffing over work/duty boots.

Hip length jacket features YKK zipper closure, and pants have elasticized waist with drawstring. Raintec is available with “US COAST GUARD” stencil on the backside of the jacket. Other custom markings are available. Stencil in black ink only. Color: Intl Orange. Sizes: S – XX.

#610 Raintec Rain Gear
#610-CG Raintec Rain Gear w/ USCG Markings

Polytec Rain Gear
Heavy-duty rain suit constructed from a durable, 0.40 mm PVC film with soft polyester knit lining for comfort. Features electronically welded and sealed reinforced seams for total waterproof functionality. Bib-style pants with elastic suspenders and adjustable ankle cuffs. Jacket is hip length with two-way zipper, snap-down storm flap, and adjustable wrist cuffs. Features "Works-When-Wet" retrorefractive markings across chest, back and wrists. This suit is available with “US COAST GUARD” stenciled with black ink on the backside of the jacket.

- Color: Intl Orange.
- Sizes: S – XX.

#611 PolyTec Rain Gear
#611-CG PolyTec Rain Gear w/ USCG Markings

#341 Stearns ® Ice Rescue Suit
One-piece suit of 100% closed cell neoprene foam provides optimum buoyancy and insulation. Designed for rescue operations in extreme cold water and ice conditions. Features face seal and flap, attached five-finger gloves, an offset waterproof zipper for better face seal and sealed seams.

- Color: Intl Orange.
- Reinforced knees and elbows.
- Wrist pockets to stow ice picks.
- Thick soled boot with tread.
  (Fits inside foot pocket of #548 SAR Fins)
- SOLAS-grade reflective panels front/back.
- Integral chest harness with front and back stainless steel D-rings.
- Individual storage bag included, replacement bags available.
- Sizes: Adult Small, Adult Universal, & Adult Oversize.

#342 Stearns ® Driflex Rescue Suit
Constructed of a polyurethane coated nylon for reduced bulk and weight. This new design incorporates features requested by the professionals and not found on any other suit.

- Color: Intl Orange.
- Burp-Grip handle on chin assists in the initial purge of trapped air.
- Invisvalve purges air constantly allowing wearer to concentrate on the mission.
- Large cut design with reinforced knees.
- Soled boots with nonslip tread.
- Removable thermal liner of Stearns Aquafoam insulation with nylon surface for easy donning.
- Integral chest harness with front and back stainless steel D-rings.
- Ice awl pockets on forearm.
- Individual storage bag included.
- Size: Adult Universal

NEW!
Polartec® fleece under garments are engineered for winter and cold weather activities. Ideal for layering beneath a drysuit & other protective clothing. Easy care (machine washable) Power Stretch® and Thermal Stretch™ fabrics provide body hugging, four way stretch for freedom in any activity. Superior thermal insulation with less weight than other performance fabrics. Thermal Stretch™ fabric features a windproof membrane and water-repellent surface.

#712 Polartec® Fleece Pullover
- Color: Black. Sizes: S – XL.

#713 Polartec® Fleece Pants
Versatile 4-panel tight pattern has elasticized drawstring waist and lycra bound cuff. Fast-wicking Power Stretch® performance fleece keeps you warm and dry. May be worn as an under garment or middle layer.
- Color: Black. Sizes: XS – XX.

#714 Polartec® Lycoa/Fleece Balaclava
Constructed from windproof and breathable Thermal Stretch™lycra/fleece laminate. Full head, neck and face coverage. Fits under most helmets. Excellent peripheral vision, high elasticity and recovery. One size fits all.

#716 Polartec® Fleece Union Suit
One piece waist zip design, union style with long sleeves and high collar. Constructed of Power Stretch® performance fleece. Features elasticized rear waist drop relief flap, Lycra edgebound wrists and ankles for a perfect fit and draft elimination. Unmatched stretch and wicking ability for all day comfort.
- Color: Black. Sizes: S – XX.

Zensah’s performance apparel is the ultimate light weight, next-to-skin base layer available. Suitable for both hot and cold conditions, the highly breathable and moisture wicking fabric will help to keep you warm or cool depending on the weather. A unique knitting technology eliminates the majority of sewn seams that cause chaffing and irritation. The polyamide blended fabric is highly stretchable and all patterns are compression cut. The combination provides that “second skin” fit for all day comfort, especially when worn under multiple clothing layers. Silver ions impregnated into the fabric fight odor and heat generating bacteria growth -- keeping you cool, light, and dry while significantly reducing odors resulting from long term use or strenuous activity.

#696 Zensah™ Skullcap / Helmet Liner
- Color: Black or White. 
- Size: Universal.

#695 Zensah™ Crew Length Socks
#694 Zensah™ Over The Calf Socks
- Color: Desert Sand. 
- Size: M (Shoe 5.5 - 8.5) L (Shoe 9 - 12.5) XL (Shoe 13 - 15)

#690 Zensah™ Compression T-Shirt
#691 Zensah™ Compression Long Sleeve Shirt
- Color: Black or White. 
- Size: S/M (Chest 35 - 40 in.) L/XL (Chest 41 - 47 in.) XXL (Chest 48 - 51 in.)
## Gloves

### #224 Hoist Operators Glove
A new glove specifically for hoist operators. Features 3/4 length fingers and is sized slightly larger to be worn over flight gloves of the same size designation. Utilizes reverse seam construction to ease on/off fitting over flight gloves and improve dexterity. Top grade leather construction with two-way stretch nylon side walls along the fingers and power-net mesh back panel. The palm, fingers and thumb are sewn with an extra layer of leather reinforcement on the inside grip for protection from cable abrasion. Velcro closure. Gloves are sold individually, specify left or right hand when ordering.
- Color: Tan & Black.
- Sizes: M – XL.

### #225 Line Handling Gloves
An excellent line handling glove with 3/4 length fingers. Top grade leather with 2-way stretch nylon side walls along the fingers and power-net mesh back panel. Sewn-in leather palm reinforcement. Velcro closure.
- Color: Black.
- Sizes: S – XL.

### #444 Insulated Line Handling Gloves
Warmest, most durable and lightweight glove we have found. Efficient Lamilite insulation. Outer shell is made of water resistant nylon and features top grade leather palm and fingers with additional leather strips sewn the full length of fingers and across the palm for added protection.
- Color: Black.
- Sizes: S – XL.

### #217 Survival Vest, No Markings
#217-CG Survival Vest w/ CG Markings
#217-A Survival Vest w/ CG Auxiliary Markings

### #161 Vacuum Packed Patient Blanket & Pillow
Perfect for all rescue requirements. Lightweight & compact vacupack reduces stowage space by 60% and keeps items protected, clean, and ready for use. Patented 2-ply blanket has a water repellent & breathable outer surface with a soft, warm, absorbent fleece on the inside. Fleece is antimicrobial & antifungal, and provides the equivalent insulation properties of a wool blanket. Economical and disposable kit includes 2-ply blanket (43" x 78"), pillow (15" x 20"), and mylar thermal blanket (63" x 82”).

### #387 SPACE® Emergency Blanket
First aid thermal blanket reflects and retains over 80% of a person's radiated body heat to provide thermal protection from the cold or in a crisis situation. Orange/Silver in color. Measures 56” x 84” unfolded and weighs 2 oz. Registered with the US Food & Drug Administration.

### #476 Wetsuit Gloves
Constructed from 2mm neoprene foam. Retains flexibility in cold water. Glued and blind stitched for a secure fit. Gloves have rugged shark skin palm for a sure grip.
- Color: Black.
- Sizes: S – XL.
#458 Whitewater Helmet
Cascade’s Whitewater Helmet is the finest full-cut helmet available today. Lightweight & designed for use by professional boat crews, whitewater, and mountain rescue teams. Helmet features a multi-impact liner with 4 point neck strap system. Large openings enhance comfort through ventilation and drainage. The closed-cell foam liner eliminates all forms of absorption, odor, and staining. Includes SOLAS-grade reflective markings, a 2” x 3” loop patch for attachment of a strobe light, and a removable visor. Color: Red; alternate colors available. Approved for use by US Coast Guard Rescue Boat Crews. Sizes: Small (21½” – 22¼”) Medium (22½” – 23”) Large (23¼” – 23¾”) X-Large (24” – 24¾”) XX-Large (25” – 25¾”)

#535 Boat Crew Goggles, Clear Classic
#536 Boat Crew Goggles, Clear OTG
#534 Amplifier Lens for #535 & #536

#538-S Polarized Safety Glasses
ANSI Z87.1 2003(+) compliant safety glasses are high impact rated and feature premium POLARIZED lenses. The polarized lens system provides protection from UVA/UVB/UV rays while removing glare from above and reflected light from below to maximize your vision and eye comfort. Perfect for land, sea, or air. Functional wraparound frame design with tapered lenses eliminate side shield distortion and refraction on the periphery. Frame and temples are constructed of a durable, light weight and flexible nylon resin for all day, everyday wear and comfort. Fog-resistant polycarbonate lenses with scratch-resistant hard coat. Color: Black Frame with Smoke Lenses.

#388 Microfiber Towel
High density knit fabric is highly compactible, with superior absorption and cleaning properties. Microfiber weave dries quickly and 90% of water is easily removed with hand wringing alone. Unique fibers lift dirt and particles from the surface to prevent scratches. Available in two sizes. Small towel is ideal for cleaning of optics, displays and equipment. Larger towel is suitable for personal use as a light weight & compact travel/sports towel. Color: Coyote Brown.

#537 Safety Glasses
High quality and economical safety glasses provide protection from UVA/UVB/UVC rays, and are compliant with ANSI Z87.1 2003 (+) high impact standards. Functional, wraparound design with tapered lenses eliminates side shield distortion and refraction on the periphery. Frame and temples are constructed of a durable, light weight and flexible nylon resin for all day, everyday wear and comfort. Features fog and scratch-resistant coated lenses. Color: Black Frame with either Clear or Smoke lens

#533 Ear Plugs, Uncorded
Soft foam, disposable ear plugs are ANSI S3.19-1974 compliant and provide a noise reduction rating (NRR) of 31 decibels (dB). Each pair of ear plugs is individually bagged with printed instructions for proper insertion and fit. Sold by the box (200 pairs per box).
### #477 AQUASEAL®
A clear urethane based repair adhesive and sealant for neoprene items, such as dry suits, wet suits, boots, and gloves. Waterproof formula seals and protects against abrasion. 8 oz. tube.

### #478 COTOL-240™ Cleaner/Accelerator
An optional pre-cleaner and cure accelerator for Aquaseal® and Seam Grip® adhesives. Solvent cleans and preps the surface for adhesive application. When used as an accelerator the tack time is reduced to 15 minutes and cure time to 2 hours. 4 oz. can.

### #630 SEAMGRIP®
Waterproof, flexible urethane formula seals seams and leaks, repairs tears, and patches holes. For use on natural and synthetic fabrics, including waterproof laminates, leather, vinyl, neoprene, PVC, rubber and more. SeamGrip® offers excellent adhesion, long lasting flexibility, superior abrasion resistance, with minimal shrinkage. 1 oz. tube with applicator brush.

### #631 MiraZyme™ Odor Eliminator
A blend of natural enzymes and microbes used to remove odors caused by mold, mildew and bacteria. MiraZyme™ is extremely effective, quickly removing odor and organic debris from a wide variety of gloves, footwear, life jackets, thermal underwear, helmets, outdoor and protective clothing. Simply mix with water, dip item(s) in solution to saturate completely, remove and allow to air dry without rinsing. 8 oz. bottle.

### #632 Wet Suit & Dry Suit Shampoo
Scientifically balanced maintenance system for neoprene and marine fabrics. Ideal for wet suits, dry suits, boots & gloves, life jackets, waders, etc. Leaves neoprene free of organic residue, chlorine and salt deposits. Chlorine-removing agents and conditioners help prevent premature aging and oxidation. 8 oz. bottle.

### #633 ReviveX® Synthetic Fabric Cleaner
Specialized formula designed to clean all types of outerwear including rainwear, fleece and synthetic insulation. Ideal for GORE-TEX®, LSC’s Raintec and other garments of waterproof & breathable fabrics. Essential preparation as pretreatment for Revivex Water Repellents. 8 oz. bottle.

### #634-ReviveX Water Repellent
Restores water repellency to all types of outerwear, including LSC’s Raintec, GORE-TEX® and other breathable fabrics. These fabrics come with a light coating of water repellent that with age and normal use diminishes, causing water to wet out rather than bead-up and roll off the fabric surface. ReviveX™ restores the like-new water repellency without clogging the pores of breathable fabrics. Available in 5 oz. spray-on or 8 oz. wash-in formulas.

### #635 UV Tech™ Protectant
A water-based, industrial strength protectant and re-plasticizer for synthetic materials and latex rubber. Replaces lost plasticizers and helps seal-in existing plasticizers maintaining the integrity, suppleness and elasticity of materials. Contains UV blockers that bond to the surface for protection and extends product life. Surface is left dry, non-glossy, and will not attract dirt. Suitable for nylon, PVC, and vinyl fabrics, as well as plastic items and latex seals. 8 oz. spray.

### #636 Silicone Lubricant & Protectant
Lubricates and conditions all rubber products. Prevents oxidation and corrosion from salt water exposure. Ideal for wet suits, boots and gloves, gear bag zippers, hose protectors, masks, fins, snorkels, seals and more. Simply spray on and wipe off excess. 8 oz. spray.

### #637 ProTalc™ Dry Lubricant & Protectant
Silicone free talc powder preserves latex and rubber seals, and eases entry into wet and dry suits. Absorbs moisture and helps prevent chafing. Ideal for latex seals, boots & gloves. Also great for dusting SeamGrip® and Aquaseal® adhesives after curing to prevent self cling. 1/2 oz. talc pouch.

### #638 ZIPPER-EASE®
Zipper lubricant formulated to protect and lubricate all types of zippers. Excellent for use on wet suits, dry suits, dry bags and survival suits. Easily applied by rubbing stick lightly up and down zipper teeth.
Snap Hooks
Stainless steel snap hook is so simple it does away with all internal spring mechanisms. Gate has a generous opening and the wide offset shape of the latch bar reduces the risk of self-release. Opening side is easily identified by touch, important when working at night, underwater or in an emergency.

The #364 thru #367 are high quality snap hooks made by Wichard®. These hooks are forged for high strength and LSC strongly recommends their use when and where high level of functional reliability and safety is required.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description, Size</th>
<th>Functional Limit (lbs)</th>
<th>Breaking Load (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#364</td>
<td>Wichard® Snap Hook, 2½”</td>
<td>1,100</td>
<td>1,760</td>
</tr>
<tr>
<td>#365</td>
<td>Wichard® Snap Hook, 3½”</td>
<td>2,650</td>
<td>3,750</td>
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<tr>
<td>#366</td>
<td>Wichard® Snap Hook, 4”</td>
<td>3,630</td>
<td>5,730</td>
</tr>
<tr>
<td>#367</td>
<td>Wichard® Snap Hook, 4½”</td>
<td>3,970</td>
<td>9,925</td>
</tr>
</tbody>
</table>

The #664 thru #667 are less expensive imports. These hooks are cast stainless steel (the large #667 is forged) and therefore have lower load limits and are suitable for utility purposes only. LSC recommends use of #364 – #367 Wichard® snap hooks when a high level of functional reliability is required.

Quick Release Safety Buckle (QRSB)
Used extensively throughout the LSC product line, this custom designed buckle is corrosion resistant, and features metal-to-metal, double latch security. Constructed of stainless steel with a structurally independent and high strength plastic housing. Mating hardware is available as a link or with adjustor. Breaking load of 1,000 lbs. High-strength, retrofit, and all black versions available. Call for information. Size (w/ link) 3.6” L x 2.1” W x 0.6” H.

#720 Stainless Steel Mini-Buckle
A low profile mini-buckle constructed of stainless steel for corrosion resistance. More compact and much stronger than comparably sized plastic buckles. Webbing slot measures 0.75” in width. Size (w/ insert): 1.88” L x 1.25” W. Color: Black

#370 Stainless Steel Lite Carabiner
A high quality and corrosion resistant carabiner with screw lock manufactured by Seattle Manufacturing Corporation (SMC). The offset “D” shape provides ample volume to clip in large diameter ropes. Major axis strength 7400 lbs.

Talon Safety Hooks
LSC’s Talon Safety Hooks are designed with a locking gate to reduce ring rollout or inadvertant release. To open, simply press the latch on the spine and open the gate. After release, the spring loaded gate and latch return to the locked positions. Ergonomic design allows for easy grip and functioning with a single hand.

#511 Super Talon Safety Hook
LSC’s largest Talon Hook can easily be clipped around ¾” diameter and smaller attachment points. The hook is constructed entirely of cast stainless steel for strength and durability. Size: 5.73” L x 3.3” W.

Miscellaneous Stainless Steel Hardware

Miscellaneous Stainless Steel Hardware

| #359 | Welded O-Ring, 0.19” Wire x 1.30” ID |
| #360 | Welded O-Ring, 0.31” Wire x 1.47” ID |
| #369 | Snap Hook with Screw Lock, 4½” |
| #378 | Utility Snap Shackle, 2¾” |
| #380 | Utility Snap Shackle, 4” |

#377 Snap Hook Clip
Used to hold open the latch gate of LSC #367 and #667 snap hooks. Attached to a pole, it can be used to reach out and snap the hook onto mooring buoys, bow cleats, deck rings, etc. Once the hook is engaged, a simple pull back on the pole releases the hook and latch gate simultaneously. Constructed of stainless steel, it will provide many years of service, includes mounting screws. Snap hook and pole not included.

#359 | Quick Release Safety Buckle (QRSB) |
| #401-2 | Stainless Steel Link w/ QRSB Key, 1” |
| #451-K | Adjustor w/ QRSB Key, 1½” |

NEW!

#512 Titanium Talon II Safety Hook
A slightly smaller design in high strength titanium alloy for reduced weight. Features improved ball & socket gate interface to reduce snap incidents when clipping into or out of small diameter ropes and rings. Size: 5.27” L x 2.60” W.
#290 Nemo™ 4100
Watertight to 500 feet with a tested light output of 251 lumens. High impact ABS housing with polycarbonate lens. Dual filament Xenon safety lamp with 60 hours of lamp life (30 hours each). Shock absorbing internal battery module protects cells and lamp from hard knocks. Includes both wide beam and laser spot reflectors. A backup lamp is stored behind the reflector for emergencies. The combination pistol grip/lantern style handle quickly converts to multiple positions. Operates 10-12 hours on eight (8) D-cell alkaline batteries, not included. Color: High Visibility Yellow.

NEW!

#605 SabreLite® LED
Submersible to 500 feet and is CE, CSA & FM approved non-incendive. Recoil LED technology directs the lamp rearward, into the reflector where 100% of the emitted light is captured & projected forward in a collimated beam. LED lamp offers durability, longer service life, & lower power consumption compared to filament bulbs. Requires three (3) C-cell alkaline batteries, not included. Tested light output is 32 lumens with 50 hours of battery burn time. Size: 8⅛" x 1⅞" OD. Color: Black.

#603 Super SabreLite®
Watertight to 500 feet. Unbreakable ABS body with hi-impact polycarbonate lens. CE, CSA, FM, MSHA, UL, and IEC approved non-incendive. Laser Spot™ Xenon lamp produces a focused light beam with 400% increased net candlepower. Includes: belt clip, stainless steel split ring, and lanyard. Requires three (3) C-cell alkaline batteries, not included. Red night vision lens sold separately. Tested light output is 33 lumens with 5 hours of battery burn time. Size: 7¾" x 1⅛" OD. Color: Black.

#602 L1 LED Light
The L1 flashlight provides a concentrated close quarter beam. UL & IEC approved non-incendive. White LED provides long service life and uses four (4) replaceable LR-44, 1.5 volt alkaline coin cells for up to 130 hours of battery life. Includes break-away lanyard and tail switch with constant & momentary function. Water resistant black plastic housing. Packaged with batteries and colored lens to preserve night vision.

#596 Little Ed Right-Angle Light
An excellent duty light in a small, lightweight, corrosion and temperature resistant design. The super bright Xenon beam will cut through thick smoke and dust. The one-handed switch is easy to operate with gloves. A stainless steel clip is built in enabling user to attach the light to a work coat, belt or shirt for hands-free use. Powered by four (4) AA-cell alkaline batteries, included. CE, CSA, UL and ETL approved non-incendive. Tested light output is 25 lumens with 4 hours of battery burn time. Length: 7½". Color: Black.

#607 HeadsUp Light
A hybrid LED/xenon hands-free light with the option of using the xenon lamp for intense bright light or 3 LEDs to conserve battery life. The multi-angle pivoting head allows you to aim the light where you need it. A rubber strap for helmet use & adjustable cloth strap for bare head use are included. The HeadsUp Lite is perfect for lighting any task that requires both hands. Powered by three (3) AAA-cell alkaline batteries (included).
#317 ACR® CSAR Strobe
The most advanced combat search and rescue strobe light available, meets MIL-L-38217 specs. Compact, lightweight, and waterproof to 200 feet. Large switch for ease of operation. Omnidirectional white strobe emits 250,000 peak lumens. Attached infrared filter for night vision goggle viewing. Directional, shielded blue filter alerts friendly forces. Operates continuously for a minimum of eight hours. Uses two AA-cell alkaline batteries (not included). Size: 4.5” x 2.2” x 1.1”. Weight: 4 oz.

#316 ACR® Firefly® Strobe
Ideal for personal flotation devices and immersion suits. Waterproof, high-tech electronic and mechanical design. Xenon lamp surpasses SOLAS specification. Operates over 8 hours on two AA-cell alkaline or lithium batteries (not included). USCG and FAA approved. SOLAS compliant. Size: 4.7” x 2.2” x 1.1”. Weight: 4 oz.

#316-WA ACR® Waterbug™
Water activated version of the FireFly®. Unit will turn on when armed and in contact with water.

#314 ACR® Strobe Illumination Marker
SOLAS 74/83 and USCG 161.010/6/1 approved (Floating Electric Water Light) for installation with other required survival equipment. Emits a rain and fog penetrating, 360 degree light with a peak brilliance of 250,000 lumens. Minimum 36 hours continuous operation. No tools needed to replace battery. Rugged construction; resists weathering and corrosion from the marine environment. Drop tested 300 ft. into water. Automatically rights itself and activates when in water. Used worldwide by major fleets. Exceeds requirements as a man overboard light, boundary marker, or underwater obstruction definition, etc. Includes patented nonmagnetic and noncorrosive mounting bracket. Battery not included; uses LSC Battery #396 (see below).

#396 Alkaline Battery, 6-Volt
Lantern battery with screw terminals for the ACR Strobe Marker (#314). This battery is approved by ACR for use with #314 and has been tested to ensure proper flotation of illumination marker.

#310 ACR® Firefly® Plus
A combination high intensity emergency strobe and flashlight. Omnidirectional, xenon strobe is visible up to two miles, and flashes 40-60 times per minute with an operational life of 10 hours. Flashlight with krypton lamp provides 2 hours of continuous operation. Uses two AA-cell alkaline batteries (not included). Case is waterproof to 100m and floats. Measures 5.3” length x 1.5” diameter & weighs 5 oz.

#318 ACR® RCL-75 Search Light
Rugged, marine grade search light is inexpensive & features dual lamps for redundancy and reliability. Operates on 12-volt (direct wire) vessel power and provides 180,000 candela intensity. Includes easy to mount point-pad controller and 17-ft wiring harness with waterproof connector for the light. Point-pad can be surface or flush mounted. Second station capable with optional second station point-pad and harness adapter. Ocular design provides 180° up/45° down pitch control. Lamps are rated for 200 hours and can be easily replaced.

#609 ACR® C-Strobe™
A reliable and inexpensive emergency signaling strobe for life preservers. Slim and lightweight design fits easily in a pocket or attaches to a life vest or jacket with stainless steel clip pin, hook & loop strap or the included C-clip. The C-clip allows for attachment to oral inflation tubes, etc. Twist on/off control can be operated by gloved hands. Visible for up to two miles and operates for 8 hours using 2 AA-cell alkaline batteries (not included). Waterproof to 10 feet. USCG 161.012/41/0 approved.
Cyalume® 6" Lightsticks
A portable and cost-efficient light source. Each lightstick is a pliable, plastic tube filled with two nontoxic chemicals, one suspended in a floating ampule to prevent activation until required. Sealed foil wrapper provides a 4-year shelf life and protects lightstick until use. To activate, bend tube to break ampule and shake to mix chemicals. A cool bright light is generated from the chemical reaction without heat, flame, or sparks. No batteries or bulbs to break or replace. Available in 7 colors with varying durations:
- Manually activates in seconds, emits 360° of cool light.
- 100% maintenance-free; nontoxic and nonflammable.
- Spark-proof, buoyant and impervious to corrosion.
- Optional strap, #230 (see page 7), available for attaching Lightsticks to rescue hooks or other devices at night.

<table>
<thead>
<tr>
<th>P/N</th>
<th>Description</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>#560</td>
<td>6&quot; Lightstick, Green</td>
<td>12 hour</td>
</tr>
<tr>
<td>#561</td>
<td>6&quot; Lightstick, White</td>
<td>8 hour</td>
</tr>
<tr>
<td>#562</td>
<td>6&quot; Lightstick, Red</td>
<td>12 hour</td>
</tr>
<tr>
<td>#563</td>
<td>6&quot; Lightstick, Orange</td>
<td>12 hour</td>
</tr>
<tr>
<td>#564</td>
<td>6&quot; Lightstick, Yellow</td>
<td>12 hour</td>
</tr>
<tr>
<td>#565</td>
<td>6&quot; Lightstick, Blue</td>
<td>8 hour</td>
</tr>
<tr>
<td>#566</td>
<td>6&quot; Lightstick, Hi-Intensity Yellow</td>
<td>30 minute</td>
</tr>
</tbody>
</table>

#231 Cyalume® PML Chemical Light
The Personnel Marker Light (PML) is a safe chemical light approved by the USCG and the FAA for use on life preservers. Squeeze handle to activate. When activated, the PML emits a yellow-green glow which lasts for a minimum 8 hours & is visible for up to 1 mile on clear, dark nights. A superb emergency light source for life preservers as it is waterproof, windproof, nonflammable, easy to activate, and requires no batteries. Four year shelf life. Includes stainless steel clip for attachment to life jackets and vests.

#622 Fox 40 Whistle
Sometimes, the only way to be rescued is to be heard. The Fox 40 whistle is invaluable for signaling rescuers. Waterproof and pea-less design. Patented 3-chamber whistle provides 115 db signal. Includes split ring for lanyard or tether attachment. Color: Orange.

#394 Waterproof Whistle
This rugged, dependable whistle was developed for the US Navy. Attach to a life jacket or on any type of foul weather gear. Compact and molded of high impact plastic. Resists weathering and corrosion. The loud (116 db), shrill whistle is audible from great distances and facilitates locating overboard persons. Flat design will not hold water. Meets SOLAS requirements. Color: Orange.

#208 Signal Mirror
This 2" x 3" acrylic mirror is virtually unbreakable and weighs 0.75 ounces. Operates on the same principle as the glass military signal mirrors with grid and fireball targeting. Mirror will float. The scratch resistant surface is covered with a removable and replaceable non-glare vinyl sheet to prevent inadvertent flashes and provides protection to the mirror surface.

#3M® SOLAS Grade Retroreflective Tapes
Encapsulated lens design provides a high level of light reflection across a wide range of entry angles, in dry or wet conditions. For use on life vests, rafts & other life support equipment. Aids in locating survivors at night. New adhesive allows tape to be applied onto life vest fabrics without a primer. Recommended for objects with curves (helmets, ring buoys, etc.) or where flexing may occur. Available in 1", 2", & 3" widths. Sold by the meter or 50-meter roll. Also available with cloth back for sew on applications. US Coast Guard Approved.

| #276  | Retroreflective Adhesive Tape, 1" |
| #275  | Retroreflective Adhesive Tape, 2" |
| #272  | Retroreflective Adhesive Tape, 3" |
| #273  | Retroreflective Cloth, 3" |

NEW!
#374 ACR® SATELLITE<sub>2</sub> 406<sup>TM</sup> EPIRB, CATEGORY I (Auto-Deployable)
A Category I, auto-deployable version of the #375 listed below. Includes an enclosed polyethylene bracket, designed to withstand abusive environments. A hydrostatic release unit automatically deploys EPIRB if vessel sinks (deploys at 13 ft). Integral magnet prevents transmission prior to deployment. Size: 6.3” x 5.5” x 17.5”. Weight: 4.5 lbs.

#374-1 Replacement Sea Shelter<sub>2</sub>® for #374
#374-2 Replacement Hydrostatic Release for #374
#374-3 Replacement Antenna for #374/#375

#375 ACR® SATELLITE<sub>2</sub> 406<sup>TM</sup> EPIRB, CATEGORY II (Manual-Deployable)
A small, 406 MHz EPIRB that features worldwide approval. Built in strobe for enhanced location in poor conditions. Single, three position switch for easy test and operation. Transmits on 406 MHz and 121.5 MHz with your registered, digitally-coded distress signal. Manually activated, self-buoyant & floats upright. Coiled lanyard on recessed spool. Case is a polycarbonate blend designed for maximum resistance to UV, chemicals, extreme temperatures and shock. Field programmable, vessel code can be reprogrammed at Authorized Service Centers worldwide. Label includes universal “illustructions” in English and French. Size: 4.5” x 5.2” x 8.2”. Weight: 2 lbs. 2 oz.

#372 ACR® ResQFix<sup>TM</sup> 406 PLB w/ GPS
The ResQFix Personal Locator Beacon transmits on 406 MHz with your registered, unique, digitally encoded distress signal as well as 121.5 MHz SAR homing frequency. It is the smallest, lightest and most functional PLB to date. The ResQFix can be easily carried in a pack or large pocket. Unit is waterproof to 33 feet and includes flotation pouch. Operates in excess of 24 hours at -20° C. Includes lithium batteries with 5-Year replacement life. A flat, stainless steel antenna wraps compactly around the case of the PLB for stowage, and is easily positioned when needed. Built in GPS receiver provides your LAT/LON coordinates on transmission when available.

• Functional test for battery life.
• Functional test for 406 transmission.
• Size: 5.8” x 2.3” x 1.3”. Weight: 10.4 oz.

#371 ACR® AquaFix<sup>TM</sup> 406 P-EPIRB
The AquaFix Personal EPIRB transmits on 406 MHz with your registered, unique, digitally encoded distress signal as well as 121.5 MHz SAR homing frequency. The unit can be easily carried in a pack or large pocket. It floats and is waterproof to 33 feet. The AquaFix will operate in excess of 24 hours at -20° C. Includes lithium batteries with 5-Year replacement life. A flat, stainless steel antenna wraps compactly around the case of the EPIRB for stowage, and is easily positioned when needed. Integral GPS interface (NMEA 0183) allows you to download your GPS coordinates from a hand-held GPS receiver into your P-EPIRB; when activated, your LAT/LON will accompany your 406 MHz signal on transmission.

• Functional test for battery power and 406 transmission.
• Size: 4.5” x 2.7” x 1.3”. Weight: 1 oz.

#208-HS ACR® Hot Shot<sup>TM</sup> Signal Mirror
Acrylic Mirror measures 4.25” x 2.75”, is virtually unbreakable, and weighs just 1.8 ounces. Designed to provide an optimal sighting “spot” with holographic red dot and features telescope quality reflective surface. Operates on the same principle as the glass military signal mirrors with grid and fireball targeting. Includes a USCG approved whistle, attached lanyard and float for recovery if dropped in water.

#708-RLL Rescue Laser Light<sup>TM</sup>
Unique concept extends the typical laser “dot” into a brilliant laser line for greater signaling and search coverage. Operates for 40 hours using a common Lithium CR123 battery. Use in the same manner you would with a signal mirror or flashlight, but add a slight scanning motion. Effective up to 20 miles at night and 3 miles in daylight. Waterproof, nonflammable, and safer to store and operate than flares. Can be safely used to signal persons at distances greater than 13 ft.