HELICOPTER STRETCHERS

#404 II Litter
LSC’s #404 is the rigid II litter only. Optional flotation kits are available (#100, #101, #103). LSC part number #404-F includes the rigid II litter with a factory installed #101 Flotation Kit (less Lift Insert, #160).

- Weight: #404 @ 32 lbs. / #404-F @ 42 lbs.
- Dimensions: 24” W x 7” D x 84” L

#406 IIA Litter (Break-Apart)
The #406 IIA is the break-apart version of the #404 II. LSC’s #406 is the break-apart litter only; the #406-F includes a factory installed #103 Flotation Kit. Couplers lock both the top tubes and the bottom skid tubes firmly together. Both sets of couplers are cast or machined from solid stainless steel. The top tube couplers are screw-type with self-aligning pins, while the bottom skid tubes are attached with hook and pin-type couplers. This coupler system is the strongest in use on any stretcher today. When assembled, the IIA is as robust as the rigid II (having been proof loaded to 2,600 lbs. with no yield).

- Weight: #406 @ 34 lbs. / #406-F @ 45 lbs.
- Stowed Dimensions: 24” W x 10” D x 43” L
- Assembled Dimensions: 24” W x 7” D x 84” L
#406-TI Titanium IIA Litter (Break-Apart)
The Titanium IIA features the same design and high-quality construction as the stainless steel IIA. However, the frame is constructed entirely of aerospace ASTM Grade 9 (TI-3AL-2.5V) titanium tubing and components. This provides a 40% frame weight reduction, with increased mechanical strength properties and improved corrosion resistance when compared to similar steel and stainless steel litters.

The reduced weight is a significant benefit to aircraft operators, allowing for an increased available payload and reduced fuel consumption (especially if the litter is carried onboard as standard equipment). The ergonomic benefit of the lighter litter results in much easier handling and maneuvering, thereby making the Titanium IIA the ideal selection for remote location and mountain rescue operations. Also available with a flotation kit (#406-TIF)

- **Weight:** #406-TI @ 20 lbs.
- **Stowed Dimensions:** 24" W x 10" D x 43" L
- **Assembled Dimensions:** 24" W x 7" D x 84" L
- **Finish:** Bead blasted. Dull, non-reflective gray surface.
#402 Litter

Ideally suited for confined area rescues, LSC’s litter is currently carried as required equipment on board all US Navy surface vessels and SAR helicopters, as well as US Coast Guard cutters. The litter has been designed and engineered to withstand the conditions encountered in remote rescue operations, such as in-water rescue, submarine and shipboard rescue, mountain rescue, and other restricted areas that require a low profile, narrow litter.

The litter is self-righting in water, and floats with the patient's head slightly reclined to provide maximum freeboard. The stowage case for the litter is equipped with a backpack harness for easy transport. Two carrying harnesses are included which allow personnel free use of their hands while transporting the litter and patient. Tubular stainless steel is used for the construction of the litter frame and skids. Fast acting, sliding couplers are used to secure the two halves of the litter and can be locked into place within seconds. The litter can be hoisted in either vertical or horizontal positions. For horizontal hoisting use LSC #190 or #193 Litter Hoisting Slings sold separately.

- Foldable and compact with built-in flotation.
- Color coded patient restraint straps with double locking Quick Release Safety Buckles, and built-in head restraint system.
- Corrosion resistant — stainless steel frame with nylon cover and case.
- Vertical hoisting sling included (horizontal slings sold separately).
- Individual replacement components available.
- Weight: Litter @ 32 lbs. (w/ case and accessories @ 39 lbs.)
- Stowed Dimensions: 16½” W x
Assembled Dimensions: 16½” W x 7½” D x 80” L

#402-B Litter, Black
A black version of the original litter is now available from LSC as part number #402-B. This black model utilizes the same construction and materials as the original #402. The stainless steel frame is glass bead peened resulting in a matte dull gray finish. Black nylon fabric is used for the frame cover, stowage case and components. All straps are black webbing.

#450 Board
The Board is a two piece, full length, aluminum back board ideally suited for confined space rescue. It is designed for compact stowage and shaped to fit inside the #404 and #406 litters. The board halves are constructed of heavy gauge aluminum with stainless steel screw couplers for strength and rigidity. Load capacity is in excess of 300 lbs. The nonporous surface makes it easy to clean and impervious to blood and other body fluids. Replaceable hand straps are oversized and strategically placed to make carrying and maneuvering easy. The board is complete with replaceable, color-coded patient restraint straps featuring quick-close buckles, and a disposable head restraint. The Board is easily separated into two halves for space-saving stowage. A protective stowage/carrying case is included.

Weight: 19 lbs.
Board Replacement Items
#450-1 Strap and Handle Set  
#450-2 Disposable Head Restraint  
#450-3 Stowage Case  
#450-4 Foot Restraint Strap

#100 Flotation Kit with Hoisting Sling
LSC’s #100 Flotation Kit includes the following individual components: #110, #103-3, #103-4, #130, #140, #150, #170, & #190. Approved by NAVAIR for Navy use.

#101 Flotation Kit
Similar to #100, but without the #190 Hoisting Sling. Includes the following individual components: #110, #103-3, #103-4, #130, #140, #150, & #170. Approved for US Coast Guard use.

#103 Flotation Kit, Narrow
The #103 Flotation Kit reduces the width of a litter with installed flotation by four inches when compared to the #100 and #101 Flotation Kits. This can be very important in smaller helicopters and boats. The narrower profile is accomplished by utilizing half-width flotation logs in combination with a foam
back pad. Flotation testing has been conducted on our #404 and #406 II litters only. Other types of stretchers would require testing prior to installation. **Currently in use by all US Coast Guard helicopters.** The #103 Flotation Kit includes the following individual components: #103-1, #103-2, #103-3, #103-4, 103-6, #140, #150, & #170 (items also available separately).

#190 Litter Hoisting Sling
Horizontal hoisting sling designed for quick attachment to, and detachment from the and Stokes-type litters. All hardware is stainless steel, including the 5/32" cable. Snap hooks are color coded with retroreflective tape; additional material is provided for marking the litter frame. NSN #1670-01-226-5300. **Approved for Navy (NAVAIR) and US Coast Guard use.**

#193-A Litter Hoisting Sling, Semipermanent
Horizontal hoisting sling designed for semipermanent attachment to the II & IIA (#404 and #406) and the military Stokes-type litters. Identical to the #190 with the following exceptions; titanium lifting V-rings replace the stainless steel O-rings and the snap hooks are drilled for cotter pins. After attaching the sling, cotter pins are inserted to secure the hooks in place. Heat shrinkable tubing is then placed over the cotter pins to prevent tampering. All required parts are provided. **Approved for US Coast Guard (Aviation).**

#617 Adjustable Tie-Down Strap
Nylon strap with stainless steel adjuster,
one large (#366) and one small (#365) Wichard® snap hook. Use the small hook to attach to aircraft tie-down rings and the larger hook to attach equipment. May be used to secure litters and other equipment.

- Adjustment range: 12" to 36".
- Maximum load: 3,000 lbs.
- Weight: 0.80 lbs.

#408 Litter Cover for Break-Apart Litters
An international orange stowage case for the IIA Litters. The case is constructed of vinyl coated nylon with buckle closures. Completely encases the #406 and #406-TI IIA Break-Apart litters with flotation in the stowed and nested position. **Click photo for larger image.**

#409 Litter Cover
An international orange weather stowage case. The case is constructed of vinyl coated nylon with zipper closures. Custom mounting holes can be cut through the cover for your particular requirements. The material will not ravel or tear around the holes. Completely encases the #404 and #406 (assembled) II litters, or other military
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