

Hoist Equipment

Emergency Hoist Cable Splice

In the event a Helicopter Hoist cable is sheered due to a frayed cable or it is cut or breaks, the Quick Splice™ quickly and easily allows the hoist operator to reattach a hook to the cable to continue the rescue or mission.



Emergency Hoist Cable Cutter

The specially designed AxelCut™ is a light-weight, one handed, emergency hoist cable cutter. The cutting blades are made from the highest quality Swedish steel. It is unaffected by EMI, lightning, or any other possible hoist system failures and is designed for low cost and a long life. There are no explosive charges or shelf life issues and it can cut the cable repeatedly. Qualified to +160° F, -40° F, Salt Fog, and Endurance.

The AxelCut™, with its fast, clean, one handed cut allows the use of a quick splice plate; permitting the ballistic hoist-installed cable cutter to be used as the backup for helicopter emergencies. The AxelCut™ can also save significant down time if the cable must be cut; because if the ballistic hoist-mounted cable cutter is used, the hoist system will have to be rebuilt, and the cartridge will have to be replaced.



Medevac Litters

The Medevac IIA series of litters are the most widely used helicopter rescue litters in the world. Currently in use with all branches of the US Military, the Japanese Self Defense Force, Canadian rescue organizations, Royal Australian Army, and are standard equipment aboard all US Coast Guard helicopters and rescue boats. The Medevac IIA series are modern Stokes-type litters constructed with the marine environment in mind. The Medevac IIA is a 2-Piece, break-apart litter. When stowed, the Medevac IIA occupies virtually half the space of the rigid Medevac II or other MIL-SPEC litters.

The Medevac IIA litters are constructed of 304 stainless steel and then powder coated a light gray for a long lasting finish. Now also available in titanium, providing a significantly reduced frame weight (approximately 40% lighter).

Features:

- Corrosion Resistant (designed for marine environment).
- Exceeds 2,500 lb. Load Test requirements for MIL-SPEC stretchers
- Hoistable (With optional Hoisting Slings)
- Stainless Steel Frame



Helicopter Rescue System

All adjusters, lugs and rings are maintenance free stainless steel.
Guideline ring and strap for swim-fins.
Unique elastic suspension to facilitate swimming and walking.
SPECIAL QUICK-RELEASE BOX
Maintenance free.
Corrosion treated.
Stainless steel.
Able to open under tension.



Rescue Basket, USCG

The compact Rescue Basket has been selected as standard equipment aboard all US Coast Guard rescue helicopters. It is also in service with the US Air Force, US Navy and foreign governments. The Rescue Basket is constructed almost entirely of welded type 304 stainless steel, making it virtually maintenance free. The bail assembly folds into the basket for compact stowage. The structural integrity of the bail is provided by 1/4" stainless steel cable acting as the hinge point. The cable routing through the tubing makes for a virtually fail-proof design. The bottom is enclosed with a plastic, semi-rigid net liner with 1" openings. The Rescue Basket possesses excellent flotation characteristics and is positively self-righting with 100% reserve buoyancy. The float covers are constructed of 1050 denier nylon ballistic cloth with a marine urethane coating. Each cover is printed with safety pictorials and has high intensity reflective markings.



Specifications:

Dimensions	44½"L x 25"W x 41"H, (21" H stowed)
Weight	39 lbs.
Inspections	Every 30 days and visual prior to each use
Cleaning	Fresh water rinse with mild detergent after each use
Working Load Limit (WLL)	600 lbs.
Material, Flotation	Ethafoam cylinders (closed-cell foam, marine grade) with intl orange 1050 denier ballistics nylon covers. 3M SOLAS-grade reflective markings
Material, Liner	Semi-rigid plastic net
Material, Frame/Balls	5/8" & 3/8" OD x 0.065" wall Type 304 stainless steel tubing members with 1/8" & 3/16" thick flat-stock members. TIG welded. Electro-polish or power coat finish.
Material, Main Cable	1/4" diameter 7x19 Type 316 stainless steel wire rope (minimum breaking load 4,900 lbs.)

Stretcher Net

The design and introduction of the Billy Pugh Stretcher Rescue Net is in response to the growing need for a versatile, compact, helicopter rescue device. The Stretcher Rescue Net is compatible with reduced door sizes of current helicopter configurations. When folded for storage, this net takes minimal space.

The stretcher net greatly increases the capability of the helicopter rescue units to safely and effectively extract and transport survivors. Current stretcher configurations that can be utilized for helicopter operations are only capable of transporting victims in a reclined or horizontal position. At the same time, standard rescue baskets, harnesses and nets cannot transport injured in the horizontal position.



Rescue Sling

Rescue sling is made from MIL-W-4088 Type 7 nylon webbing, with a tensile strength of 2700 kgp. and hardware in stainless steel. It features an extra safety strap and a towing grip.

Rescue sling is fluo-orange with 3 silver reflex stripes.

The special light weight padding makes the sling float for easy handling.



Rescue seat/Forest Penetrator

Helicopter Forest Penetrator/Rescue Seat is designed to extract personnel in any terrain. The rescue seat is intended to hoist one person but is capable of lifting three people in emergencies.

Features:

Thick Forest Penetrations - Simple attachment of a weighted slug allows the set to penetrate through dense foliage.

Over-Water Operations - A detachable puncture resistant flotation collar provides flotation in all sea conditions.

Simplicity - The three collapsible seats are extended or retracted by easy one handed pressure - no latches or levers to confuse the survivor.

Retention Straps - Retention straps are provided for each seat and are routed around survivors chest and secured to the penetrator.

Maintenance Free - All parts are manufactured with aircraft grade aluminum resulting in minimum care and maintenance.

Compact - In the stowed position, the rescue seat is just 9" diameter x 35". The seat measures 25" round when all three seats are extended.

Lightweight - The Rescue Seat weighs less than 20 pounds.

