



OWNER'S MANUAL

TRI-SAR w/Lower Lifting Point

#501-H

WARNINGS & CAUTIONS

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 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 equipment. It is the responsibility of the purchasing and end-user organization or individual to:

- Determine the suitability of equipment for the selected application,
- 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.

The condition and serviceability of the modified TRI-SAR Harness shall be evaluated prior to each use by the wearer. This is to include an inspection of the fabric, narrow fabrics (webbing), and stitching for tears, fraying, and loose or broken threads. Hardware must also be checked for damage or deformation. If inspection reveals any defect the harness shall be removed from service immediately and returned to the factory or other qualified individual for repair or serviceability determination.

Do not allow the harness to become excessively soiled. Rinse the equipment with fresh water after exposure to salt or chlorinated water.

Special Caution: Rear Tether V-Ring

The rear tether v-ring of the #501-H is to be used with an appropriate lanyard or restraint system. Lanyard/restraint must be secured to an approved location within the aircraft cabin. When using the tether ensure the waist, shoulder and leg straps are properly donned and adjusted accordingly. Adjust lanyard to minimize slack at all times.

Do not lift by the rear tether v-ring.

Special Caution: Intermediary Lifting Strap

Optional intermediary lifting strap is available. When used, the intermediary strap is intended to place the helicopter hoist hook at a higher position relative to the wearer than the standard lifting V-ring on the waist belt. To use the intermediary strap, attach and secure the nylon loop end with an appropriate size locking carabineer to the lifting V-ring on the waist belt of the harness. Carabineer is not included with the assembly. The recommended breaking strength of the carabineer should be a minimum of 8000 lbs force. The opposite end of the intermediary strap with small V-ring is to be secured on the hoist hook. Before and during use ensure that the gate of the carabineer is secured and locked. Inspect the intermediary lifting strap assembly before and after each use.

WARRANTY

LSC products are warranted to the first consumer purchaser to be free from defects in material or workmanship for a period of twelve (12) months. Please contact LSC for our complete Warranty information and Policies, or visit our website.

USING YOUR HARNESS

Position the modified TRI-SAR with the front up. Open the chest buckle; fully extend waist, leg, and shoulder straps. Hold the harness open behind you with both hands. Step through the waist strap and through the proper leg strap with one foot then the other. Pull the vest and harness into position. Put your arms through the shoulder straps. Secure chest buckle. Adjust the shoulder and waist straps. Adjust the leg straps. It is normally more comfortable to leave the leg straps slightly loose.

INSPECTIONS

While LSC has designed and manufactured the harness to meet or exceed industry standards, periodic inspection is necessary to ensure functional reliability. The frequency of the inspection should be determined by the frequency and condition of use. However, the inspection shall not exceed six (6) months.

VISUAL INSPECTION

Prior to each use, inspect fabric, webbing, and stitching for damage such as cuts, tears, frayed webbing, and broken or loose threads. All hardware including buckles, v-rings and adjusters should be checked for proper function and inspected for damage, deformation or sharp edges. Repair or replace the harness assembly as required. Repairs are to be performed by the factory or qualified personnel only. A harness deemed unserviceable shall be destroyed.

SERVICE LIFE

On condition and passing of inspections. However, not to exceed ten (10) years from date of manufacture.

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