



# OWNER'S MANUAL

## #100 FLOAT KIT w/ #190 SLING

## #101 FLOAT KIT w/o #190 SLING

### INSTALLATION, INSPECTION & MAINTENANCE INSTRUCTIONS FOR FLOTATION KIT, FLOTATION ASSEMBLY & HOISTING SLING ASSEMBLY

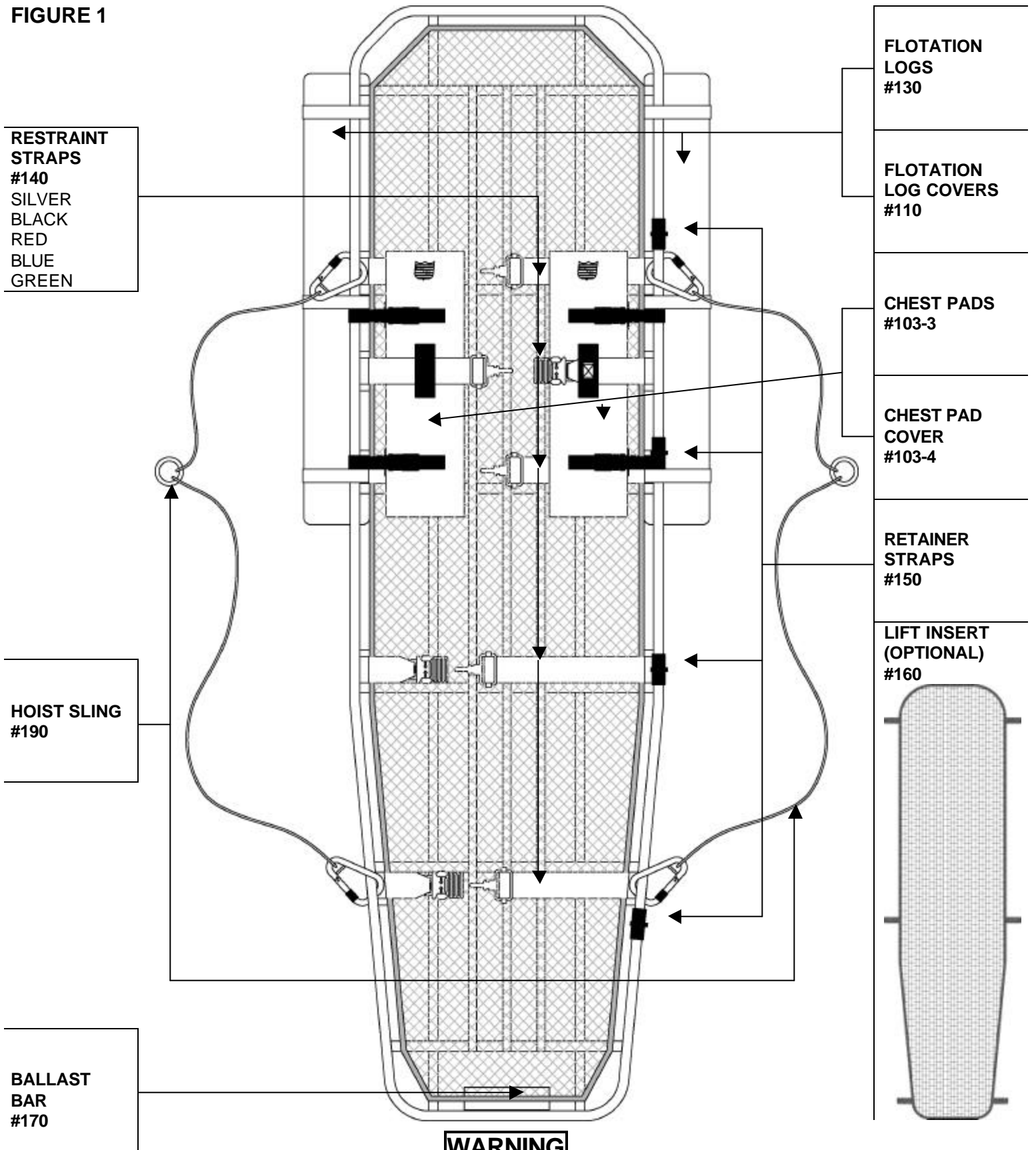
**APPLICABLE TO:** LSC MEDEVAC II (PART #404) RESCUE STRETCHER AND THE MILITARY-TYPE STOKES LITTER (FEDERAL SPEC #RR-L-1977, NATIONAL STOCK NOS. 6530-00-042-8131 AND 6530-00-181-7767).

### MAINTENANCE & INSPECTION INSTRUCTIONS

1. Every 30 days, and after each use, carefully inspect all fabric, webbing and hardware for wear, deterioration, cuts, abrasion and broken or missing parts. Repair or replace as necessary. Individual components are available from the manufacturer.
2. After immersion in salt water, rinse all components with fresh water. Mild soap may be used to clean the fabric.
3. If practical, protect the litter kit components from prolonged exposure to direct sunlight.
4. Every 180 days, or as use and condition indicate, inspect sling assembly. Inspect cable for broken wires, kinks or corrosion. Inspect rings, snap hooks, thimbles and sleeves for deformity, corrosion and proper operation. Inspect condition of colored reflective material on litter frame and snap hooks; replace as required.

**NOTE:** The sling tests outlined above are the manufacturer's suggested methods. Military and other organizations that have their own maintenance and test instructions for this item shall use those instructions in lieu of LSC's.

**FIGURE 1**



To provide proper flotation characteristics and righting moment, flotation equipment and ballast bar must be attached as illustrated above.

## INSTALLATION INSTRUCTIONS

### PATIENT RESTRAINT STRAPS (#140)

THE RESTRAINT STRAPS ARE COLOR CODED AS FOLLOWS: CHEST STRAP - GRAY, CHEST PAD STRAP - BLACK, WAIST STRAP - RED, LEG STRAP - BLUE, FOOT STRAP - GREEN. POSITION EACH BUCKLE STRAP AS ILLUSTRATED IN FIG. 1 (LEFT SIDE OF LITTER FOR BODY STRAPS AND RIGHT SIDE FOR CHEST PAD STRAP WHEN VIEWED FROM DIRECTLY OVER LITTER). ATTACH THE STRAPS TO THE 3/8" TUBING (MIL-SPEC) OR THE 1/2" FLAT ON THE LSC LITTER BY PASSING THE LOOP END AROUND THE OUTSIDE AND UNDER THE TUBING OR FLAT STOCK, PASSING BETWEEN THE TUBING OR FLAT AND THE WIRE MESH. OPEN THE LOOP AND PUSH THE OTHER END THROUGH. PULL THE WEBBING TO FORM A TIGHT LOOP. ATTACH THE CORRESPONDING COLOR ADJUSTMENT STRAP ON THE OPPOSITE SIDE. SEE FIG. 2.

### RETAINER STRAPS (#150)

POSITION EACH STRAP ON THE 3/4" TUBING ABOVE THE LONG END OF THE PATIENT RESTRAINT STRAPS, EXCEPT FOR THE CHEST PAD STRAP. ATTACH TO THE 3/4" TUBE WITH PLASTIC TIE STRAPS PROVIDED. THE RETAINER STRAPS ARE ONLY USED FOR IN-WATER RESCUE. THEY SECURE THE ACCORDION-FOLDED PATIENT RESTRAINT STRAPS UNTIL NEEDED. SEE FIG. 3.

### FLOTATION LOGS (#130)

POSITION THE LOGS AS ILLUSTRATED IN FIG. 1. PASS THE MALE END OF THE PLASTIC BUCKLE OVER THE 3/4" TUBE AND BETWEEN THE 3/8" TUBE AND WIRE. SNAP THE BUCKLE TOGETHER AND ADJUST THE STRAP BY PULLING ON THE FREE END. AS THE STRAP IS TIGHTENED, ROTATE THE LOG TO KEEP THE BUCKLE CLOSE TO THE 3/8" TUBE; THIS POSITION PROVIDES PROTECTION FOR THE BUCKLE. SEE FIG. 4.

### CHEST PAD (#131)

PASS THE FREE END OF THE LONG PATIENT RESTRAINT STRAP THROUGH THE LOOPS ON THE CHEST PAD. SEE FIG. 1.

### LIFT INSERT (#160)

POSITION THE INSERT AS ILLUSTRATED IN FIG. 1 AND SNAP THE HANDLES AS SHOWN.

### BALLAST BAR (#170)

POSITION THE LEAD BALLAST BAR AT THE FOOT OF THE LITTER AS ILLUSTRATED IN FIG. 5. ON THE STOKES-TYPE STRETCHER, SECURELY ATTACH THE BAR TO THE FRAME UTILIZING THE STAINLESS STEEL STRAPS AND FASTENERS. ON THE MEDEVAC II STRETCHER, ALIGN BALLAST BAR HOLES WITH HOLES IN FOOT STRAP AND SECURE WITH STAINLESS STEEL FASTENERS (STRAPS NOT REQUIRED).

### HOISTING SLING (#190)

APPLY REFLECTIVE TAPE TO LITTER FRAME (3/4" TUBE) AT THE HOISTING SLING ATTACHMENT POINTS AS ILLUSTRATED IN FIG. 1. ENSURE THAT THE RED TAPE IS POSITIONED AT THE UPPER (HEAD) ATTACHMENT POINTS AND THE WHITE TAPE IS POSITIONED AT THE LOWER (FOOT) SLING ATTACHMENT POINTS. ATTACH THE SNAP HOOKS TO THE 3/4" TUBE AT THE POSITIONS ILLUSTRATED IN FIG. 1. ENSURE THAT THE SHORT CABLE END (COLOR CODED RED) IS AFFIXED TO THE UPPER ATTACHMENT POINT OF THE LITTER; THE LONG CABLE END (COLOR CODED WHITE) IS AFFIXED TO THE LOWER ATTACHMENT POINT OF THE LITTER.

FIGURE 2. RESTRAINT STRAP ATTACHMENT

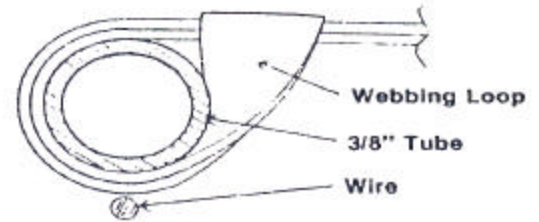


FIGURE 3. RETAINER STRAP ATTACHMENT

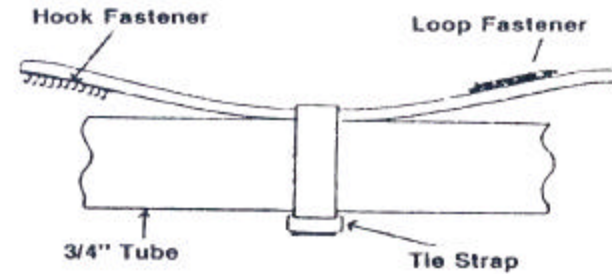


FIGURE 4. FLOTATION LOG ATTACHMENT

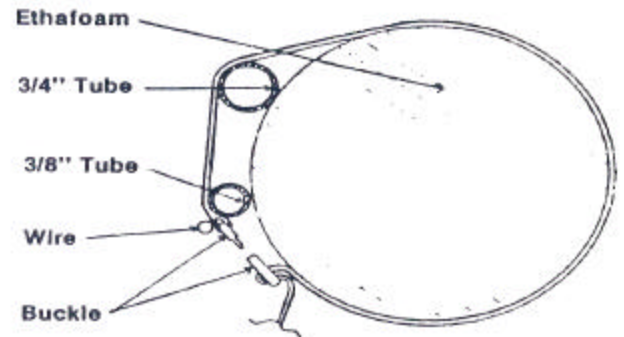


FIGURE 5. BALLAST BAR ATTACHMENT

