



OWNER'S MANUAL

CABLE LADDER

#592/592-W & #593/593-W

WARNINGS & CAUTIONS

All users shall be properly trained and familiar with the features of the cable ladder prior to its use. Use by a non-trained or improperly trained person could result in severe injury or death.

The cable ladder shall be visually inspected prior to each use.

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

DESCRIPTION

The cable ladder is LSC's finest professional grade helicopter cable ladder. The newly designed ladder is constructed of ¼" corrosion resistant stainless steel cable and ¾" 18-gauge titanium tubing as rungs. Rungs are swaged onto the ladder cables with titanium compression sleeves. This unique swage design provides for a very low profile and secure attachment. Rung slippage on the cable occurs at over 1,500 lbs. Stainless steel thimbles are located at the end of each cable to allow attachment to an aircraft or the addition of another cable ladder.

USING YOUR LADDER

With the ladder securely attached to the aircraft, position body to one side of the ladder. Grab the ladder with both hands so that one side of the cable runs down the length of the body. At users discretion, insert either toe or heel onto a rung. Pull up and continue to climb the ladder keeping body off to one side of the ladder. Optionally, a carabineer or snap hook (properly attached to the climber's safety/rescue harness) may be clipped to the cable above any ladder rung. This can provide a person with hands-free support or an opportunity to rest during a climb.

RECOMMENDED FUNCTIONAL LIMITS

The aircraft operator and users of the ladder must establish safe operating procedures and limits. The manufacturer's recommended safe working load limit is 1,500 lbs. This load must be distributed across the length of the ladder with no more than 300 lbs applied to a single ladder rung.

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.

MAINTENANCE

While LSC has designed and manufactured the cable ladder to be as maintenance-free as possible, periodic maintenance is necessary to ensure functional reliability. The frequency of the maintenance should be determined by the frequency and condition of use and follow-on inspections. Inspection cycle should not exceed six (6) months. After immersion in or use near saltwater, thoroughly rinse the ladder with fresh water. Pay particular attention to the copper compression sleeves at the thimble ends and the titanium plugs located in the end of the ladder rungs during rinsing.

USER INSPECTION

Prior and after each use, inspect the entire belt and tether for cuts, broken stitches or any unusual wear. Check the adjuster, locking hooks and quick-release safety buckle for proper operation.

VISUAL INSPECTION

Prior to each use, or at least every six (6) months, inspect all materials for abrasions, corrosion, broken wires, cracks, deterioration, and excess wear. Lay out the entire ladder and inspect for rung slippage. If rung slippage is found, remove ladder from service. Trim broken wires to remove the snag hazard. Visibly mark and log the trimmed wire/break. LSC recommends that the ladder be removed from service if more than five (5) wires (per cable side) are broken between any two rungs. Additionally, the cable ladder should be removed from service should any of the following occur: "birdcage" of the cable, kinks, abrasion, cable corrosion, corrosion beyond surface discoloration of the copper compression sleeves (located at thimbles).

LIFE LIMIT

The life limit for the cable ladder is indefinite providing that the ladder continues to pass inspection.

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