

## **Ladder Lashing Scoring Guidelines**

### **Material to be provided by Station Master:**

- (6) 8-foot poles
- (18) 2-foot rungs
- (6) 20-foot ropes
- Stopwatches for timing
- Clipboard with pencil and score sheets
- District will provide the tower

### **Ladder Lashing**

Patrols will construct a ladder using the procedure outlined in the included diagram. They will then transport their ladder to a tower where the patrol leader must climb the ladder and recite the Scout Oath to a station master. All patrol members must help support the ladder as the patrol leader climbs. 20 points will be awarded for participation. Patrols will receive additional points based on total time needed to complete the task and the correctness of the ladder lashings.

Time to complete the task:

|                 |        |
|-----------------|--------|
| 0-5 minute      | 30 pts |
| 5-7 minutes     | 25 pts |
| 7-9 minutes     | 20 pts |
| 9-11 minutes    | 15 pts |
| 11-13 minutes   | 10 pts |
| 13-15 minutes   | 5 pts  |
| Over 15 minutes | 0 pts  |

5 points for each side of the ladder lashed correctly

Total points possible: 60 points

**L**ADDER LASHING allows for a quick and secure method for constructing a ladder or for constructing a decking with evenly spaced decking pieces.

This form of lashing has several advantages over the traditional floor lashing. Less material is required because, unlike floor lashing, a space can be left between each piece of the decking. Also, each rung is securely lashed in place by several loops of rope in much the same way as a square lashing. With the traditional floor lashing, only a single loop of the rope holds each end of the decking in place; therefore, if one piece loosens, the entire deck loosens.

The ladder lashing has two forms; left and right, each is a mirror image of the other.

—Gerald L. Findley

**START:** The ladder lashing is started by using a clove hitch stopped with two half hitches to secure a rope to the top end of each rail.

**STEP 1:** Lay an overhand loop over each side rail so that the running end of each loop is to the outside.

**STEP 2:** Place a rung across the rails. The standing part of each overhand loop is over the end of the rung, and the running part of each overhand loop is under the rung.

**STEP 3:** Pull the running part of each overhand loop behind and to the outside of each rail.

**STEP 4:** Then pull each loop forward and over the end of the rung.

**STEP 5:** Work each rope until it is tightened around the rung and the rung is in its desired position.

**STEP 6:** Form an overhand loop in each running part.

**STEP 7:** Place the overhand loops over the ends of the rung to form half hitches around the rung.

**STEP 8:** Work the half hitch tight.

**STEP 9:** Repeat steps 1 through 8 for each additional rung.

**END:** Finish the lashing by tying a clove hitch around each rail. Each clove hitch should be located directly under the bottom rung.

