



# Mississippi State Fire Academy Rope Rescue Operations Level Skill

**Objective:** NFPA 1006 5.2.6 2017 Ed.

**Primary Task:**

Multi-Point Anchor System

## PERFORMANCE EVALUATIONS & INSTRUCTION SHEET

### Performance Steps

1. Determines incident needs that require an anchor system
2. Chooses correct anchor system
3. Selects appropriate equipment
4. Selects effective knots
5. Calculates expected load
6. Evaluates incident operations as related to interference concerns and set-up
7. Chooses anchor points for expected load
8. Performs system safety check
9. Evaluates system components for compromised integrity

### INSTRUCTIONS TO THE CANDIDATE

The candidate, given equipment likely to be used in a technical rescue and a direction of pull, shall construct a [RANDOM SELECTION] multi-point anchor system suitable to sustain a rescue sized load.

Evaluators choose one of following options:

- a) 2 point load distributing
- b) 2 point load sharing

### **Attachment to Anchor Evaluation Criteria:**

Full Points (all must apply)

- Anchoring techniques are adequate for life support;
- Knot(s) in webbing configurations are appropriately located;
- Weight is evenly distributed among legs of webbing;
- Direction of pull is toward designated edge.

### **Multi-point Gathering Evaluation Criteria:**

Full Points (all must apply)

- Candidate builds LDA or LSA as instructed;
- Pulls multi-point anchor in designated direction and all legs are tensioned with no bellies of slack.
- Critical angles of anchor legs equal to or less than 90 degrees

### **Knots Evaluation Criteria:**

Full Points (all must apply)

- Knots are correctly tied, dressed, safetied, oriented, and appropriate for the application.

### **Equipment Evaluation Criteria:**

Full Points (all must apply)

- Life support equipment is chosen and appropriately applied.

### **Safety Evaluation Criteria:**

Full Points (all must apply)

- Candidate demonstrates a system safety check before testing or operating system;

### **Time Evaluation Criteria:**

Full Points (all must apply)

- Under 5 minutes.