MANIPULATIVE SKILL   STANDARDS

TOPIC: **ONE PERSON 24' FOOT LADDER EVOLUTION**

REFERENCE: IFSTA, Essentials 4th Edition
                    IFSTA Ground Ladders

CONDITIONS:

> **The firefighter shall don full protective clothing and safety equipment prior to starting the task:**

  - **Turnout pants   Hood   S.C.B.A.   Helmet   Gloves**
  - **Turnout coat   Turnout boots**

The rater will issue the order to:

"Pick up ladder from the ground, walk into position, spot ladder appropriately. Remove ladder from the building, walk around the building, spot and place the ladder appropriately into operation. Remove the ladder from the building and replace the ladder back on the ground as found."

STANDARD:

> Shall complete the task with a minimum of:

  - o 75% accuracy while maintaining a fireground pace without major safety violations on the first testing attempt
  - o 85% accuracy while maintaining a fireground pace without major safety violations on the second attempt

Failure to pass the second exam will exhibit failure to meet the standards necessary to complete fire academy requirements.

TIME: **The following procedure will be completed successfully in 4 minutes 15 seconds.**

IMMEDIATE FAILURE:

Unsafe maneuvers that will cause personal injury or damage to academy equipment or personnel**.** Failure to state safety commands.

MATERIALS NEEDED:

- ➢ Evaluation sheet
- ➢ 24 foot extension ladder

PROCEDURE:

- ➢ Test will begin with the ladder grounded approximately 20 feet from building.
- ➢ Address Butt of Ladder and Walk to the tip
- ➢ Beam Ladder
- ➢ Shoulder Ladder
  - ▪ Find proper balance point for control
- ➢ Walk Ladder to the ordered location ***Remember safety commands**
  - ▪ **(overhead obstructions, all clear)**
- ➢ Spot Ladder- within 12" in or out from spot location.
- ➢ Raise Ladder
- ➢ Extend Ladder- thumbs upward for maximum ladder control on 24' extension- one person.
- ➢ Dog Ladder
- ➢ Lean Ladder
- ➢ Set Ladder
  - ▪ Looking up
  - ▪ Four points of contact
  - ▪ Proper Angle
- ➢ Reduce Ladder
- ➢ Remove Ladder **(overhead obstructions, all clear)**
- ➢ Retract Ladder- Looking up
- ➢ Lower Ladder **(overhead obstructions, all clear to rear, ladder coming down)**
- ➢ Shoulder Ladder
- ➢ Walk around tower
- ➢ Repeat ladder evolution again
- ➢ Replace ladder to engine ready

NOTES:
- ✓ Ladder commands should be verbalized in the training sessions.
- ✓ Safety commands= overhead obstructions and visual clarity
- ✓ Ladder commands= preparatory commands and execution commands for ladder evolutions