

## **MANIPULATIVE SKILL**

## **STANDARDS**

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**TOPIC: TWO PERSON 35' SINGLE FLY EXTENSION LADDER**

**Page 1 of 3**

**REFERENCE:** IFSTA, Essentials 6<sup>th</sup> Edition  
IFSTA, Ground Ladders

**CONDITIONS:** ➤ The Firefighter shall don full protective clothing and safety equipment prior to starting the task:

- Gloves
- Helmet
- Hood
- S.C.B.A.
- Turnout Boots
- Turnout Coat
- Turnout Pants

- **Instructions:** Utilizing two 35' extension ladders, begin on the west side of the tower. First ladder is a beam raise to the fourth-floor narrow window for rescue. When that ladder is secure, proceed back to the starting point and retrieve the second 35' extension ladder (switch positions – butt and tip). Second ladder is a flat raise to the designated taped area. When that ladder is secure, remove both ladders as they were thrown (flat and beam), return them to the starting point as they were found.

**STANDARD:** ➤ Shall complete the task with a minimum of:

- 80% accuracy while maintaining a fire ground pace without major safety violations on the first and second testing attempt.

*Failure to pass the second exam will exhibit failure to meet the standards necessary to complete the Fire Academy.*

**TIME:** ➤ The following procedure will be completed successfully in 12 minutes.

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

**MATERIAL NEEDED:** ➤ Evaluation Sheet

- Two 35' Two Section Extension Ladders

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**Page 2 of 3**

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**PROCEDURE:** ➤ Repeat Order

➤ Start on West Side of the Tower

- Address butt of ladder and walks to appropriate position
- Verbalize the type of carry
- Shoulder Ladder
- Forward Ladder

➤ Proceed to the west side of the tower, raising on the beam for rescue from the fourth floor window

- Spot Ladder
- Raise Ladder
- Pivot Ladder
- Extend Ladder
- Dog Ladder
- Lean Ladder
- Set/reduce Ladder
- Below the window sill and centered
- Tie off Ladder

➤ Proceed back to starting point, retrieve second 35' extension ladder (switch positions; butt and tip)

- Address butt of ladder and walks to appropriate position
- Verbalize the type of carry
- Shoulder Ladder
- Forward Ladder

➤ Proceed to the west side of the tower, raising on a flat raise to the designated taped off area.

- Spot Ladder
- Raise Ladder
- Extend Ladder
- Dog Ladder
- Lean Ladder
- Set/reduce Ladder
- Tie off Ladder

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**Page 3 of 3**

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- Return ladders and remove them as they were thrown (flat and beam)
  - Remove Ladder
  - Retract Ladder
  - Lower Ladder
  - Shoulder Ladder
- Uses proper commands and execute as a team
- Lifts in unison on execution command

**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
  - Minor safety infractions will be assessed by instructors and listed as minus 5 points in the given operation