

## **MANIPULATIVE SKILL**

## **STANDARDS**

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**TOPIC: ONE PERSON 20' STRAIGHT WOOD LADDER EVOLUTION**

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**REFERENCE:** IFSTA, Essentials 5<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

- **The rater will issue the order to:** Begin approximately 30 feet from the south of the academy building, pick up the 20' wood straight ladder, and proceed north to the academy building. Ladder the south side of the academy building to climb to the roof. Throw the ladder in the painted window on the left hand side. Remove ladder and return to the start point.

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

- 75% accuracy while maintaining a fireground pace without major safety violations on the first testing attempt.
- 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 probationary requirements.*

**TIME:** ➤ The following procedure will be completed successfully in 3 minutes, 15 seconds.

**IMMEDIATE FAILURE:** ➤ Immediate failure is defined as: unsafe maneuvers that will cause personal injury or damage to academy equipment or personnel. Failure to state safety commands.

**MATERIAL NEEDED:** ➤ Evaluation Sheet

- 20' Straight Wood Ladder

**Rio Hondo Community College**  
**Department of Public Safety – Fire Technology**  
**Rio Hondo College Fire Academy**

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**PROCEDURE:** ➤ Shoulder Ladder

- Find proper balance point for control
- Assure proper hand position (trombone)
- Walk Ladder to the ordered location \* ***Remember Safety Commands***
  - **(Overhead Obstructions, All Clear)**
- Spot Ladder
  - Place the butt end against the building to heel the ladder as it is raised.
- Raise Ladder
- When the ladder is against the building, one foot should be on the bottom rung with your body into the ladder for stability.
- Set Ladder (using legs)
  - Hands three and six
  - Looking straight ahead
  - Feet centered between beams
- Remove Ladder \* ***Remember Safety Commands***
  - **(Overhead Obstructions, All Clear)**
- Lower ladder \* ***Remember Safety Commands***
  - **(Overhead Obstructions, All Clear To Rear, Ladder Coming Down)**
- Shoulder ladder
- Replace ladder to start point

**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