

MANIPULATIVE SKILL

STANDARDS

TOPIC: ONE PERSON 20 FOOT STRAIGHT WOOD 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: Beginning approximately 30 feet from the south of the academy building, pick up the 20' wood straight ladder, 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 fire academy 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 foot straight wood ladder**

PROCEDURE:

- **Shoulder Ladder**
 - **Find proper balance point for control**
 - **Assure proper hand position (traumbone)**
- **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**
- **Extend Ladder**
- **Set Ladder (using legs)**
 - **Hands two and four**
 - **Looking straight ahead**
 - **Feet centered between beams**
- **Remove Ladder (overhead obstructions, all clear)**
- **Lower Ladder (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**