



Fire Protection Training

Procedures Handbook 4300

HOSE

TOPIC: How To Advance An Uncharged Line Up A Ladder Into a Window

TIME FRAME: 45 Minutes

LEVEL OF INSTRUCTION:

BEHAVIORAL OBJECTIVE:

Condition: 100 feet of 1-1/2" or 1 3/4" hose with a preconnected nozzle, 24' ladder, full structural safety equipment, including SCBA, five assistants and a fire engine

Behavior: The student will advance an uncharged hose line up a ladder and into a window prior to charging the hose under simulated fire conditions.

Standard: With a minimum of 70% accuracy, within 2 minutes

MATERIALS NEEDED:

- Stop watch
- Performance examination
- Five assistants
- 100 feet of 1 1/2" or 1 3/4" hose with preconnected nozzle
- 24 foot ladder
- Full structural safety clothing
- Fire engine

REFERENCES:

- IFSTA, Essentials of Fire Fighting, 2nd Edition, Chapter 10

PREPARATION:

In order to attack fires in upper stories of a structure it is necessary to stretch hose lines from the engine to the seat of the fire. When stairways are blocked or being used as escape routes, it will be necessary to use ladders to reach the fire floor.

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HOW TO ADVANCE AN
UNCHARGED LINE UP A
LADDER INTO A WINDOW

OPERATIONS

KEY POINTS

- | OPERATIONS | KEY POINTS |
|--|---|
| 1. Position Ladder | 1a. On windward side of building
b. Generally to one side of window
c. Ladder tips at level immediately above window
d. Have ladder footed or tied off |
| 2. Firefighters take positions | 2a. Firefighters on the same side of hose
b. Facing toward nozzle
c. 10-15 feet apart |
| 3. Nozzle person places line over shoulder | 3a. Uncharged line
b. Nozzle on back |
| 4. Other firefighters place hose on shoulder | 4a. Same shoulder as nozzle person |
| 5. Firefighters advance | 5a. Until hose hangs in front to knee level |
| 6. Climb ladder | 6a. In sequence nozzle person first
b. Keep both hands free for climbing ladder
c. Keep hose to one side of feet
d. Maintain interval |
| 7. Nozzle person | 7a. Lay nozzle down in room before entering
b. Enter window |
| 8. Second firefighter | 8a. Follows nozzle-person into structure
b. Operate in buddy system |
| 9. Other firefighters lock in | 9a. Hands free to feed hose
b. Leg lock or safety belt |
| 10. Advance to desired location | 10a. Nozzle person
b. Hose is fed in by firefighters on ladder
c. Until adequate slack |



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KEY POINTS

11. Secure hose

11a. To ladder

b. Use hose straps

c. Place hose middle of ladder

d. Place straps behind couplings

12. Charge hoseline

12a. On command

b. Gradually

c. Force on nozzle can upend ladder



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HOW TO ADVANCE AN
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LADDER INTO A WINDOW

APPLICATION:

Student to practice until proficient.

EVALUATION:

A performance examination.

ASSIGNMENT:

To be determined by the instructor(s).

POINTS

TIME START

1. Firefighters position ladder on windward side of the building adjacent to the window to be entered with the tips level with the top of the window. 10
2. Ladder is to be footed or tied off prior to climbing. 10
3. Firefighters space themselves 10 - 15 feet apart on the same side of the hose facing the nozzle. 10
4. Nozzle person wraps hose between the body and arm and back over the shoulder to rest at waist height. 10
5. Remaining firefighters place hose on same shoulder as nozzle person and advance toward nozzle person until hose loops at knee level. 10
6. All firefighters move forward to follow nozzle person up the ladder. 10
7. Upon reaching window height nozzle person lowers nozzle into the room, then nozzle person and one firefighter enter room through window. 10
8. Firefighters on ladder climb until top firefighter is at window height, then all firefighters lock in freeing their hands to feed hose into the room. Leg lock or safety belt may be used. 10
9. Once nozzle person has sufficient hose within building hose should be tied off to ladder, using hose straps. 10
10. Hoseline should be charged slowly and gradually to preclude pressure surge from upending ladder. 10

TIME STOP

ENTER TOTAL TIME: _____:

POINTS POSSIBLE: 100

POINTS

POINTS DEDUCTED:

FINAL SCORE:

EVALUATOR'S SIGNATURE:

DATE:

COMMENTS:
