

## Drill Lesson Plan

Ventilation techniques, entrapment, Nance drill (firefighter rescue with handcuff knot)

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### Objective

The firefighters will practice gaining access to a roof and cutting a vent hole. The firefighters will also practice freeing themselves from an entanglement while doing a search. The firefighters will also practice gaining access to a firefighter trapped in a lower level and using the Nance drill to rescue them. All of these skills will be done

### Referenced Materials

TMFD SOG (Basic Skills)

IFSTA Essentials FF 1

State of Wisconsin class work for FF 1

### Topics

- Roof ventilation techniques using ground ladders
- Entrapment while doing an interior attack/search
- Firefighter rescue (from a lower level using the Nance technique)

### Safety Considerations

Expectations of skills

Clear definition of whom the lead instructor is

Insure adequate number of instructors for stations

No shortcuts or “close enough” mentality

No running, jumping, or any other physically unsafe acts

Professionalism

Putting safety first while operating above ground

### Equipment

Firefighter turnout gear/PPE

Ladder 40

Ground ladders

Ventilation tools

Chain saw

Attack line

Ropes

Misc. firefighting tools/equipment

# Lesson

## 1.) Roof ventilation

- a. Prepare 24' extension ladder to access roof
- b. Instructors closely supervise for safety
- c. Access roof utilizing roof ladder and proper technique
- d. Hoist chainsaw and other tools needed up to the roof
- e. Put pick head axe into roof for foot hold
- f. Using proper technique, cut vent hole in roof
- g. Communicate to command when ventilation is complete
- h. Remove ceiling material to gain access to interior
- i. Exit roof with all tools and roof ladder
- j. Communicate to command when all firefighters are off of the roof

## 2.) Entrapment drill

- a. Exit Ladder40 completely geared up for interior attack/search
- b. Conduct primary search/fire attack entering front door
- c. Bring necessary search tools and attack line
- d. Negotiate your way through firefighter entrapment prop
- e. Continue search going upstairs
- f. Exit window at the top of the stairs
- g. Using Ladder 40, safely exit second level to ground
- h. Communicate with command whenever necessary

## 2.) Firefighter rescue/removal from lower level

- a. Access side 3-4 first floor bedroom.
- b. Gain communication with downed firefighter in lower level
- c. Using ropes, assign one firefighter to enter the lower level to assist firefighter
- d. Working together, using good communication, assist trapped firefighter in preparing to be hoisted up
- e. When signal is given and everyone is ready, hoist trapped firefighter to upper level.
- f. Send ropes back down work together using good communication to hoist the other firefighter back to safety
- g. Communication is critical in this drill