

Drill Lesson Plan

Hands on training at acquired structure.

By Todd Sweeney

Objective

The firefighters will practice their proficiency in carrying a firefighter up stairs, and venting a roof. They will also better understand the building construction and orient themselves to the new strip mall on Plaza Dr.

Referenced Materials

TMFD SOG

IFSTA Essentials FF 1

State of Wisconsin class work for FF 1

Topics

- Safely cutting a vent hole in the roof of a tri-level residential home.
- Carrying a downed firefighter up a set of stairs using 2 firefighters.
- Orientation/tour of strip mall under construction on Plaza Dr./Building construction of a commercial structure.

Safety Considerations

Practice safety in all stations

Utilize all safety precautions when working on ladders and roof.

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

Equipment

Personal protective equipment

Firefighting hand tools

Ventilation chainsaw

Ladders

Lesson

- 1.) Cutting vent hole in a roof.
 - a. Set up extension ladder to access roof
 - b. Gather necessary tools needed to cut vent hole
 - c. SAFELY access roof and put up roof ladder (using leg lock)
 - d. Instructors closely supervise for safety
 - e. Crew of 2 firefighters access roof with needed tools
 - f. Sink axe into roof for foot hold
 - g. SAFELY cut hole in roof being careful not to compromise structural integrity
 - h. Simulating punching a hole in ceiling to allow for smoke to escape
 - i. Exit roof with all tools and remove roof ladder

- 2.) Carrying a downed firefighter up a stairway using 2 firefighters
 - a. Stage a downed firefighter at the bottom of the stairs
 - b. Firefighter 1 accesses lower level and positions himself between the downed firefighter's legs putting downed firefighter's legs over their shoulders
 - c. Firefighter 2 positions himself/herself on the stairs above the downed firefighter and grabs the downed firefighter's SCBA straps
 - d. On firefighter 1's verbal signal, the 2 firefighters work together to hoist the downed firefighter up the stairs

- 3.) Orientation/tour of strip mall under construction on Plaza Dr./Building construction of a commercial structure.
 - a. Walk around the exterior of the new strip mall
 - b. Notice hydrants, Knox box, door for utility room on the west side of the building
 - c. Notice brick veneer wall along front (east) side
 - d. Enter the building and walk through to orient themselves to the inside
 - e. Notice sprinkler system, pinholes, steel stud construction
 - f. Notice roof system (steel truss)
 - g. Consider any fire walls that go above the false ceiling
 - h. Look at location and type of hood extinguishing system in cooking area on south end of building