

# SMOKE MAZE TRAILER

## LOCATION:

Area 3 Training Center  
Calhoun, KY



## SPECIFICATIONS:

Length	33'
Width	8 ½'
Height	9' 6"
Weight	9,500 lbs

## OBJECTIVES:

The Smoke Maze Trailer is designed for the following objectives:

- 1) improve communication in a vision restricted & noisy environment
- 2) monitor and coach responder breathing patterns in a challenging environment
- 3) practice search and rescue in a controlled, vision restricted environment
- 4) promote and practice self-rescue & assisted rescue skills in a vision restricted environment

## CAPABILITIES:

The Smoke Maze Trailer has two levels. Each floor has approximately 3 ½' ceiling clearance. There are sturdy panels configured within the trailer on each level to create a maze throughout the trailer. The trailer is filled with artificial smoke to restrict visibility so the responder has to rely on their other senses including communications with their partner.

In the front of the trailer, there is a set of 'rafters' to simulate crawling through the attic space of a house. There is a door and door knob for the firefighter to find. There is a ramp simulating a ceiling collapse. This allows the instructor to walk the responder through the appropriate procedures to follow to maneuver this type of incident.

This trailer requires a 110 volt power source to operate and generally has a small generator that travels with the trailer to provide the necessary power.