

MOBILE BURN UNIT

(BURN TRAILER #4)

LOCATION:

Area 3 Training Center
Calhoun, KY



SPECIFICATIONS:

Length	32' 3"
Width	8 ½'
Height	10' 3"
Weight	13,560 lbs

OBJECTIVES:

The burn trailer has two areas of focus:

- 1) fire behavior
- 2) fire control

CAPABILITIES:

The Burn trailer is designed to provide a hands-on experience to new firefighters as well as experienced firefighting personnel to view a 'room & contents' fire. They can study, under the direction of an experienced instructor, various fire behavior characteristics including flameover/rollover and thermal layering.

The 8' X 10' burn room allows for students to feel the heat and see the effects of the fire when water is applied. The second instructor is in the control room calling out the temperatures at the ceiling and the head height of the kneeling firefighter.

This trailer is always operated following the guidelines of NFPA 1403.

The temperatures in this trailer should never exceed 1,000°F.

Students entering this trailer are provided a helmet that has aluminized shielding to prevent damage to their department's helmets.

This trailer requires a 110 volt power source to operate the electronic equipment.