



# Vertical Ventilation

### Discussion

Ventilation of any fire building is key to the operational success of any interior operation. Many decisions and choices must be made regarding the type, location and way the structure will be ventilated. Some experienced truck company officers say that you must "vent early and vent often" when crews are committed within a structure. This means simply that safe interior operations require rapid initial and on-going ventilation to support the operation. Crews must coordinate these efforts and make sure that careful advancement into the structure is accompanied by ventilation above and ahead of where the fire will be going. Ventilation behind the fire or where it has already burned is hazardous and could place firefighters above a risky location, that of charred and damaged truss or rafters. Discuss your departments ventilation procedures and techniques for completing this tactic. Crew safety, RIT considerations, tools and equipment used as well as cutting / opening techniques should be highlighted.



As a crew, discuss ventilation operations at the following types of roofs/buildings and identify the equipment needed, the procedures for ventilating according to the types of ventilation and outline safety precautions during the operation.

Roof Type / Building Type	Type of Ventilation	Tools and Equipment	Describe Procedures	Safety Precautions / Observations
Peaked Roof	Vertical:			
	Horizontal:			
	Forced:			
Flat Roof	Vertical:			
	Horizontal:			
	Forced:			
Multi-Story	Vertical:			
	Horizontal:			
	Forced:			

Use a dry-erase board or back of this form for additional writing and illustration space