

Swedish Flashover Prop



The Phase 1 system (Swedish Flashover Prop) is essentially a laboratory, where fire behavior can be observed from a vantage point three feet below the fire floor. It is designed to help increase knowledge of fire behavior; increase recognition of the warning signs of flashover.

The Phase 1 system helps to increase recognition of the warning signs of flashover. Furthermore, it reinforces the proper use and limitations of PPE as well as application of methods for testing and cooling the environment to delay, or prevent flashover. The Phase 1 system is an excellent, knowledge-based training environment, providing firefighters with firsthand experience in a controlled setting.

The upper compartment is the Burn Chamber and the lower one is the Observation Chamber. The Burn Chamber floor is elevated three feet above the observation chamber floor to allowing firefighters to observe the fire life cycle while staying below the thermal conditions occurring in the burn chamber.