

Fire & Rescue Department of Bouches-du-Rhône (SDIS 13) - Wildland Trainer

Solution: Wildland FIRETRAINER® O-250, O-100Plus & O-100 **Control System:** Advanced

Location: Velaux, Bouches-du-Rhône, France **Fuel:** Propane

Delivered: 2016 **Upgrade:**



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Description:

This is the first „Wildland FIRETRAINER®“ ever commissioned in the world. Implemented in Velaux, France the trainer is dedicated to help educate fire fighters for the various techniques in fighting wildland and wildfires as well as sensitizing them for the various dangers they might encounter while fighting such incidents.

The system comprises of 24 tree fires, 2 large wildfires, 3 mid-size wildfires, 3 smaller wildfires and various passive wildland mock-ups. The tree fire places replicate two kind of trees - pine trees and evergreen oaks - which are typical for this area. The pine tree fire places consist of 3 independent burn levels.

All fire places can be centrally operated from the control tower by KFT's PC control system. Additionally local radio pendants allow instructors to manually operate individual fire places.

KFT's advanced PC control system allows such operations as preprogramming complex fire scenarios, which are automatically executed and can be replicated 1-to-1 anytime. One of the most dangerous scenarios fire fighter might encounter during a wildland fire is the so called „crowning“ which means that while fire fighters are focusing on a single fire, fires spread from tree top to tree top and thus might suddenly surround careless fire fighters finding themselves trapped. Of course such a scenario can also be generated with this training system.

Overview:

- 24 Tree Fires O-250
- 2 Stationary Wildfires O-250 (120 m² Burn Area Each)
- 3 Wildfires O-100Plus (10 m² each)
- 3 Wildfires O-100 (2,2 m² each)
- 4 Smaller Wildfires O-100
- Various Passive Wildland Mock-ups



Pine Tree Fire Fighting



Fighting an O-250 Wildfire



Pine Tree Fire



Large Wildfire



Evergreen Oak Fire



Fighting an Evergreen Oak Fire



Fighting a Tree and a Wildfire in parallel



Operators with radio control pendant



PC Control System