



CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT

MEDIA ADVISORY

December 10, 2018

CON FIRE TO UNVEIL NEW MULTI-STORY STRUCTURE FIRE AND RESCUE TRAINING SIMULATOR

Attending Media Will Be Able to Tour State-of-the-Art Training Prop and Observe Realistic, Live-Fire Training

WHEN: Tuesday, December 11, 9:30 a.m. Willow Gate arrival for 10 a.m. tour and demonstration start time

WHERE: Contra Costa County Fire Protection District Training Ground, former Concord Naval Weapons Station administration area. Check in with guard at Willow Pass Road and Kinne Boulevard gate, approximately one mile south of Hwy. 4 on Willow for registration and directions.

WHAT: Attending media will learn about the District's new Dräger Swede structure fire and rescue training simulator, have an opportunity to tour the facility and observe highly realistic live-fire training.

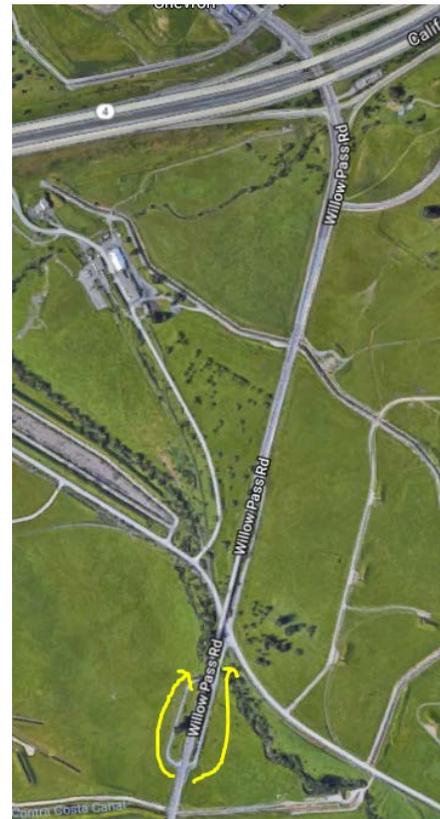
For more on the training simulator, see attached backgrounder.

###

CONTACT: Steve Hill, PIO, Contra Costa County Fire Protection District, (925) 532-6512

NOTE TO ALL MEDIA: Con Fire has implemented a new, automated On-Call PIO media phone line. For all Con Fire incidents, please note and call **1-925-660-PIO1 (7461)** to be connected to the on-duty PIO.

Contra Costa County Fire Protection District (Con Fire) -- a recognized fire service leader -- provides fire and emergency medical services to more than a million people across its 304 square-mile District area, and through mutual aid, in and around the 20 cities and unincorporated communities of Contra Costa County, California. With few exceptions, county emergency ambulance transport services are provided by Con Fire through its unique sub-contractor Alliance model. In 2017, the District responded to nearly 74,000 fire and EMS emergencies and provided expert medical care on more than 75,000 ambulance transports. The District, with 25 fire stations and more than 400 employees, is dedicated to preserving life, property and the environment.



BACKGROUND

Dräger Swede Survival System Phase 5 – Multi-Story

Fighting fires in multi-story, multi-fire environments is one of the biggest challenges a firefighter can face. Part of the Dräger Swede Survival System, the Phase 5 trainer lets you replicate this environment to teach the complexities inherent in multi-story structures with multiple fires occurring simultaneously.

Class A Dräger Swede Survival Systems combine purpose-built training units that train firefighters on fire behavior in different situations. As a result, you can continually build the abilities and confidence of firefighters. The Phase 5 system is an excellent knowledge-based training environment that gives firefighters first-hand experience of multiple fire scenarios in a controlled setting.

The trainer and related instructional program is based on the multi-phased live fire training program developed by the Swedish Rescue Services Agency in Sweden.

The standard Phase 5 configuration is a fully-insulated, Class A 5-container design, including fire compartments on the first and second floor and three cold chambers for staging, approach, and search and rescue operations. The structure also has interior and exterior stairs, first and second floor entry points, and access windows.

The chamber walls and ceiling are lined with high temperature insulation material that is protected behind a seal-welded layer of 11-gauge steel. This protects the structural integrity of the container from the grueling temperature swings the container is designed to withstand over many hundreds of training evolutions.

The burn chambers are designed for sheets of Oriented Strand Board (OSB) to be placed along the walls, ceiling, and doors. Burn chamber floors are lined with concrete paving stones and the structure includes a ventilation system.

The Phase 5 system is an indispensable component to any fire training curriculum because it allows participants to train on a variety of real-world fire scenarios, including: – Fire attack with hydraulic ventilation – Vent Enter Isolate Search (VEIS) – Firefighter down, missing, or trapped – Search and rescue – Air management training – Mayday training – Multiple fires

Courtesy of Dräger, Inc.



- # -