



2007 Seminar Series

Friday, June 8, 2007

Positive Pressure Attack: Effects on Occupants in Residential Structures

**Presented by: Training Chief Robert Nicks, Austin, TX Fire Department and
O.A. Ezekoye, Professor University of Texas at Austin**

There are many debates throughout the Fire Service on the subject of Positive Pressure Ventilation (PPV). There is fairly wide spread consensus on the benefits of reduced heat and increased visibility for the advancing hose team when using PPV. However, there is heated debate in the fire service on the effects of PPV on victims or firefighters located beyond the fire. The opinions on this subject range from never use PPV period, to always use PPV, regardless of victim, firefighter, or fire location. Both opinions can't be right!

After almost losing one of our own in an apartment fire where ventilation controlled a fire, which resulted in a secondary flashover, The Austin Fire Department increased our training and research in ventilation tactics. Austin Fire Department partnered with the University of Texas at Austin and has conducted three full-scale tests on PPV. Two of the tests answer the question, "What effects does PPV have on victims or firefighters located beyond (downstream of) the fire. The third test was conducted in a turn-of-the-century hotel. This test helps to determine how large building size affects PPV efforts.

Attendees will come away from this presentation with a better understanding of what can occur when PPV is established. The importance of determining fire location, knowing how thermal conditions may change for potential victims, and how different ventilation paths can affect thermal conditions.

Course #07081, Course Fee \$55, All classes held at Connecticut Fire Academy

All Seminar series presentations are scheduled from 8 am until 4:30 pm. Lunch is Included. Acceptance confirmation notices with directions will be mailed approximately two weeks prior to the start of the program. Students canceling seven days in advance will receive a full refund. Application forms can be duplicated or downloaded at ct.gov/cfpc and returned via fax or mail with payment. Additional questions can be directed to Program Manager, Mark Salafia phone 877-528-3473 ext 286 or email mark.salafia@po.state.ct.us

2007 Seminar Series

First In: Strategies and Tactics for Company Officers Sitting in the Hot Seat

Friday August 10, 2007 Robert Krause, Captain Toledo, OH Fire and Rescue, Course number 08000

Rapid Intervention Isn't Rapid: Finally a Solution

Friday October 12, 2007 Steve L. Kreis, Assistant Chief City of Phoenix, AZ Fire Department, Course number 08001

Eliminating Silly Rules in a Value Driven Organization

Friday December 7, 2007 Mark Wallace, Chief McKinney, TX Fire Department, Course number 08002

Chief Nicks' Bio:

Chief Nicks spent 12 years in downtown Austin working at Station One as a Firefighter, Fire Specialist, and Lieutenant in the high-rise district. As a Captain, he worked at Ladder 15, Ladder 3, and Ladder 8. When promoted to Battalion Chief, Chief Nicks worked at the Safety Office for two years. He is now the section head assigned to the Training Division. Chief Nicks has been a HOT instructor at FDIC West, has made many presentations across the State of Texas concerning the Austin Fire Department/ University of Texas PPV studies. Chief Nicks has been an FDIC Indy presenter for the last 3 years.

O.A. Ezekoye's Bio:

O.A. Ezekoye is a professor in the Mechanical Engineering Department at the University of Texas at Austin. He received a Ph.D. from the University of California at Berkeley in 1991. Following his Ph.D., he spent one year in the Building and Fire Research Laboratory at the National Institute for Standards and Technology. He has written over 75 papers on fire, combustion, and heat transfer, and also teaches undergraduate and graduate courses in these areas.

**STATE OF CONNECTICUT
COMMISSION ON FIRE PREVENTION AND CONTROL
CONNECTICUT FIRE ACADEMY**

34 Perimeter Road • Windsor Locks, CT 06096
860-627-6363 • Toll Free 1-877-528-3473 • Fax 860-654-1889

www.ct.gov/cfpc