



Vincent Dunn

Deputy Chief F.D.N.Y. (Ret.)
For lecture information call 1-800-231-3388



Photo by Tim Keller FDNY/EMS

Occupancy	Construction	Fire Location
High Rise Residence (Project)	Fifteen story fire-resistive construction (Class 1 fire-resistive)	Fire on the seventh floor



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Challenge Answers

1. First attack hose line to 6th floor(floor below fire) via interior stair hook up to standpipe. Stretch up to fire floor.
2. Second attack hose line to 7th floor, (if first line controlling fire. If not hook up to 5th floor.) hook up to standpipe outlet to back up first line.
3. Ground ladder not used
4. Primary ventilation apartment windows from floor above. Use halligan tool on rope. Coordinate with hose line advance. Also vent roof bulkhead skylight and door of the attack stairway.
5. Aerial ladder positioned at side of high rise building where windows show flame and or smoke. Raise ladder to 7th floor for potential rescue and/or vent fire apartment windows with ladder. Coordinate venting with hose line advance.
6. Primary life hazard fire apartment; and in stairwell above the fire of the attack Stairway-Stair used to connect hose to standpipe. The other stair (evacuation stair) is used by firefighters to go above fire and to evacuate occupants if needed.
7. Interior fire spread: Throughout fire apartment and out into public hall. Urban development projects may have interior utility shaft in apartments which may spread smoke to top floor apartment and hall.
8. Exterior fire spread: auto exposure (window to window)
9. Collapse hazard: concrete ceiling collapse (SPALLING) in hallway and fire apartment
10. Worst-case scenario: Wind blows into flaming window and prevents hose line advancement. Venting must be coordinated with hose line advance.

Note: FDNY Fireground designation system (clockwise) 1. is the street 2. is the left side (as you face the front of the building) 3. is the rear. 4. is the right side.