

# TACTICAL DECISION GAMES

## TDG #2 Solution Worksheet

### **Fire Ground Considerations:**

- Time of day (occupied strip mall with heavy foot and vehicle traffic) and possible victims trapped.
- Potential for rapid fire spread through common Attic and Facade.
- Potential for major collapse of Facade due to Fire involvement in Facade.
- Rapid evacuation of entire strip mall is necessary.
- Rear of building must be opened up and ceilings pulled in occupancies adjacent to the fire occupancy with hose lines ready to hold fire from advancing past in attic.
- Fire is beginning to lap up onto facade creating potential for exterior spread of fire via Roofing material.
- Facade exposure must be immediately addressed.
- Rescue Ambulance should be requested.
- Law enforcement should also be requested for shutting street down and controlling traffic.
- Fire Investigator should also be requested.

### **Fire Ground Company Actions:**

- I immediately call for a second alarm, Law enforcement to shut street down, an R/A and an Investigator.
- I notify incoming units of a check-in location
- I instruct my Nozzle firefighter to set up the ground monitor with the goal of placing as much water as possible on the seat of the fire

while cooling the atmosphere within the attic by aiming the stream at the attic just above the main body of fire. I instruct him/her to hit facade initially to cool area being exposed. I also give my Nozzle firefighter a safety briefing on the danger of the facade and tell him/her to set the monitor up and remain in a location that is at least one and one half times the height of the building away from the edge of the facade. I have my Firefighters secure the monitor so that they will be free to perform other functions.

-I ensure that my Hydrant Firefighter is aware of the dangers of the facade as well as my Engineer.

-I then order my Firefighters to the rear with Forcible Entry tools to open up the occupancy that is well involved and report on conditions and that they will be assigned Fire attack reporting to Engine 77 Captain.

-I assess my possible rescue problem by ordering evacuation of building via P.A. and by speaking with workers from the occupancies. Any rescue attempts will be governed by the information I receive.

-I order Engine 77 to the rear to begin forcing rear doors and pulling ceilings of adjacent occupancies with handlines in place to stop horizontal spread of fire. I also inform Engine 77 that my Firefighters are opening up the fire building and are assigned to him/her.

-I order Engine 77 to approach from the west and to spot just east of the second occupancy.

-I advise that the goal is to keep spread of fire to involved occupancy and stop spread of fire to East first, then to West.

-I order Light Force 89 to perform topside ventilation (Heat hole, Strip cuts on each side of Fire with #1 priority being the East side of Fire, and opening up soft side of facade with hose line in place to stop running facade fire), and that they will have best access approaching from the East in the rear. I ensure that the Inside member is taking care of Utilities and any additional Forcible Entry or interior ceiling pulling/Laddering, etc.

-I advise Light force 89 that there appears to be heavy attic involvement in addition to the fire beginning to involve the facade.  
-If I am not relieved by the B/C the second alarm would be placed as needed. With the main priorities being an additional Light Force to Report to Light Force 89 for Vertical Ventilation.  
One light Force to perform Salvage operations and additional Engine companies for reinforcing Fire attack, relief of companies and RIC.