

## Size-Up; First Engine & Chief



### Discussion

Proper size-up of the fireground is everyone's job. Each member of the company needs to complete their size-up based on their assignment on the fireground. The fire above viewed from sectors A and B appears to have smoke showing only however a quick look at sector C and D shows fire from one of the corner rooms in that area. Size-up allows the company to estimate hoseline stretches, fire location, identification of potential victims and many other operational factors. Size-up is said to be an on-going process that means you can re-evaluate your decisions based on new facts and observations. Always anticipate what could happen next and make your decisions based on firefighter safety and worst case possibility. Review the following size-up questions for each role and responsibility.

#### First-in Engine Company Officer

1. What is your initial radio report?
2. What are your initial orders for your crew?
3. Describe what you are looking for and at when you complete a walk-around of this structure.
4. If this structure is 60' from the road, what is your line choice? How many feet of hose would you need to make the fire from the front door to the fire?
5. Describe your initial attack, primary search method and any other initial operations.

#### First-in Chief Officer

1. What is your strategy for this incident?
2. Where has this fire Been?
3. Where is this fire At?
4. Where is this fire Going?
5. Does this strategy and the tactics chosen support the B.A.G.?

#### First-in Engine Company Engineer

1. Where is your engine positioned for this fire?
2. What are your water supply options?
3. What are the standard discharge pressures for each line the officer may pull?
  - Tip size/type and gpm
4. Describe your time keeping responsibilities for your crew at this incident.
5. What other actions may be completed after the line(s) are charged and water supply is secured?
6. What tools might you get ready for other responding companies?
7. What back-up line(s) may be used and what are their pressures, gpm etc.
8. Describe how your relief valve or governor is set.
9. How would you prepare for a possible switch to a defensive operation?

#### First-in Engine Company Firefighter

1. What is your personal size-up of this incident?
2. What is your tool assignment for this fire?
3. Describe the methods that you would use to pull each of the hosebed types that might be used for this incident.
4. At what point would you mask-up at this fire?
5. Describe the method of entry into this structure and path to the fire location.
6. What observations must you make as you continue to enter the structure and progress toward the fire?
7. How could a thermal imaging unit be used to support this operation?
8. Once you locate the seat of the fire, describe your method of attack. How do you size-up (evaluate) your success?