

Buechel Fire Protection District

Fire-ground Operations

FGO-0008

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Title: Engine Company Operations

Approval Date – 12-2-1992

Section	Instruction
	<p>The objective of this procedure is to identify the various functions of the Engine Company on the fire-ground.</p> <ol style="list-style-type: none"><li>1. The Engine Company is the basic unit of any fire District. The reason is obvious; the Engine Company provides the primary extinguishing agent - water, and the manpower to use it efficiently on the fire-ground.<li>2. To supply and use water properly requires that firefighters have considerable skill and knowledge along with physical ability to perform strenuous labor. The personnel on the Engine Company must be well trained and equipped to carry out all the objectives of firefighting operations. These objectives form the basis for a plan of attack. In order they are:<ol style="list-style-type: none"><li>1. Rescue Victims<li>2. Protect Exposures<li>3. Confine the Fire<li>4. Extinguish the Fire<li>5. Overhaul the Fire<li>3. In addition to these objectives or priorities, the member of the Engine Company may be called on at any time to perform ventilation or salvage work, although these operations are best suited for Truck Companies. In short, the members of Engine Companies may be required to perform any task needed on the fire-ground at any time.<li>4. Engine Company apparatus and equipment and designed to allow firefighters to function quickly and effectively. Through training and experience, Engine Company personnel must acquire knowledge, skill and judgment in performing the basic operations of an Engine Company. These operations are:<ul style="list-style-type: none"><li>▪ Rescue<li>▪ Water Supply<li>▪ Use of Initial Attack Lines<li>▪ Use of Back-Up Lines<li>▪ Exposure Protection<li>▪ Heavy Stream Development<li>▪ Tactical Use of Protective Systems<li>▪ Overhaul

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5.	<p>It is not expected that one company will perform each one of these operations at every fire, nor are the operations necessarily carried out in the order listed. Fire situations vary and what will need to be done in each incident will also vary. However, the apparatus are equipped, and personnel should be ready, to carry out any of these assignments. Brief descriptions of the above listed operations follow:</p> <p><u>Rescue:</u> Any action taken to remove people from a burning building, or to extricate them from other kinds of danger and get them to safety.</p> <p><u>Water Supply:</u> Includes laying and utilizing supply lines, supplying protective systems, and ensuring water supply through hydrant-hook-ups and/or drafting operations.</p> <p><u>Initial Attack Lines:</u> The first lines deployed for fire control efforts. Normal operations call for use of 1 1/2" or 1 3/4" hand lines.</p> <p><u>Rapid Intervention Team:</u> In order to comply with the "Two-in, Two-out" rules, there will be a company assigned the task of rapid intervention to locate and rescue firefighters that become trapped or disabled while performing other assignments.</p> <p><u>Back-Up Lines:</u> Additional lines laid generally as a precaution, to assist or "back-up" the initial attack lines.</p> <p><u>Exposure Protection:</u> Involves positioning lines and hose streams to prevent the fire from spreading to other structures.</p> <p><u>Heavy Stream Development:</u> On larger fires that will require a greater amount of water for extinguishment, master stream devices must be utilized. The use of master streams may necessitate additional supply lines.</p> <p><u>Tactical Use Of Protective Systems:</u> Where sprinkler or standpipe systems are present, it is advantageous to make full use of them. When supplying any Siamese connection for either, be certain to lay two (2) lines.</p> <p><u>Overhaul:</u> A thorough and systematic investigation must be undertaken to ensure the fire is completely extinguished. All companies on the fire ground will assist in the overhaul process.</p>