

<b>SCENE SIZE-UP</b>	Revised on
	Unofficial
<b>SUBJECT:</b> Structure Fire	Page 1 of 3

## Structure Fire Scene Size-up

San Luis Eng \_\_\_\_\_ on scene of a 1 structure with 2

Eng \_\_\_\_\_ will be 3 IC

All responding units switch to TAC 4 and standby for the plan.

*Do you need any other additional or special resources?*

### 1. Building construction & occupancy

#### **Building construction**

- a. Type I - Fire Resistive (concrete and/or substantially fire-protected steel)
- b. Type II - Non-combustible (little to no fire resistance for its structural members--for example, block building with open steel truss roof).
- c. Type III - Ordinary Construction (block or brick walls, with wood roof supports)
- d. Type IV - Heavy Timber (masonry, load bearing wall, large timber structural support-for example, older mercantile, factory buildings, fire visible in the xx,)
- e. Wood Frame (Combustible) - uses structural members entirely of combustible materials, usually wood.

#### **Occupancy Type**

- a. Single family residence
- b. Multi-family residence
- c. Commercial
- d. Industrial
- e. Single/double wide mobile home
- f. Strip mall
- g. Church
- h. Factory
- f. Other

### 2. Brief description of what you have in simple term.

- a. Smoke / fire conditions present
  - i. Nothing showing
  - ii. Light smoke showing
  - iii. Moderate smoke showing
  - iv. Heavy smoke showing
  - v. Working Fire,
  - vi. X% involved,
  - vii. fire venting out the window/door
  - viii. Fully involved

### 3. Name the command (Already give to you by dispatch)

- a. Main street IC

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#### 4. TAC Channels

- a. VFIRE-22/23 (Structure fire)
- b. CALCORD (Vehicle Accident)

#### Simple Report: (Less than 10 seconds to communicate)

"San Luis Engine-1 is on the scene of a one-story, wood-frame, single-family residence structure (*1 has been communicated*) with fire visible in the garage. (*2 has been communicated*). Engine-1 will be Main Street IC. (*3 has been communicated*). All responding units switch to TAC VFIRE 22 and standby for the plan" (*4 has been communicated*).

#### Investigating

##### 1. 360 Walk Around

Using the acronym **BVHFL**

##### **B** – Basement

- Basement doors or
- Hopper windows

##### **V** – Victims (Imminent rescue at the....)

- Occupants tell you "We're all out"
- Bystander information
- Soot around the mouth and nose.
- Burnt eyebrows
- Skin hanging off the arms

##### **H** - Hazards

- Electrical (Downed power lines)
- Heating, Ventilating and Air Conditioning (HVAC)
- Propane tanks (House or BBQ)
- Security bars on the windows/doors
- In-ground swimming pools, etc

##### **FL** - Fire Location (where the burring)

##### 2. Priorities / Problems

What are the areas of concern facing you to accomplish this task?

- Fire
- Water
- Recourses

##### 3. Plan / Objectives

- Containing the fire to its origin
- Protecting exposures

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**4. Strategies** - The general plan or course of action decided upon by the IC in order to achieve firefighting objectives.

- Offensive
- Defensive
- Transition (switching between the two types of strategies)

**5. Tactics** - The operations or actions required to carry out the strategy selected by the IC.

- Fire attack
- Ventilation
  - i. When - immediately for rescue or delayed until fire attack is ready
  - ii. Where - vertical or horizontal
  - iii. How - positive pressure, negative pressure, natural, hydraulic)
- Search and rescue (SAR)

**6. Update & Alpha Side**

- Location of the fire
- Conditions

**7. Announce a command mode**

- Stationary
- Mobile
- Investigating
- Recon

Simple Plan Report:

"All units on *TAC channel, Command IC*. There are cars in the driveway (1H has been communicated), no occupants in the yard (1V has been communicated). Fire is visible through a window on the Bravo bedroom window. Moderate, dark smoke is showing from the eaves on the Bravo/Charlie. We will ..... No exposures are threatened Engine-1 will be street command, Side Alpha."

Car Fire

- Two FF on the house
- Office does a 360
  - o Setup tool area
    - Halagain
    - Surc saw