

SERT Basic Training

Session 4

Unit 6: Fire Safety & Utility Control

Unit 7: Search & Rescue



Session 4

Unit 6 & 7 Objectives



Unit 6 Objectives:

1. Review fire chemistry and characteristics.
2. Explain the role SERT plays in fire safety and response.
3. Explain the role SERT plays in utility control.

Unit 7 Objective:

1. Explain the role SERT plays in search and rescue.

PM 6-1

Fire Suppression Safety

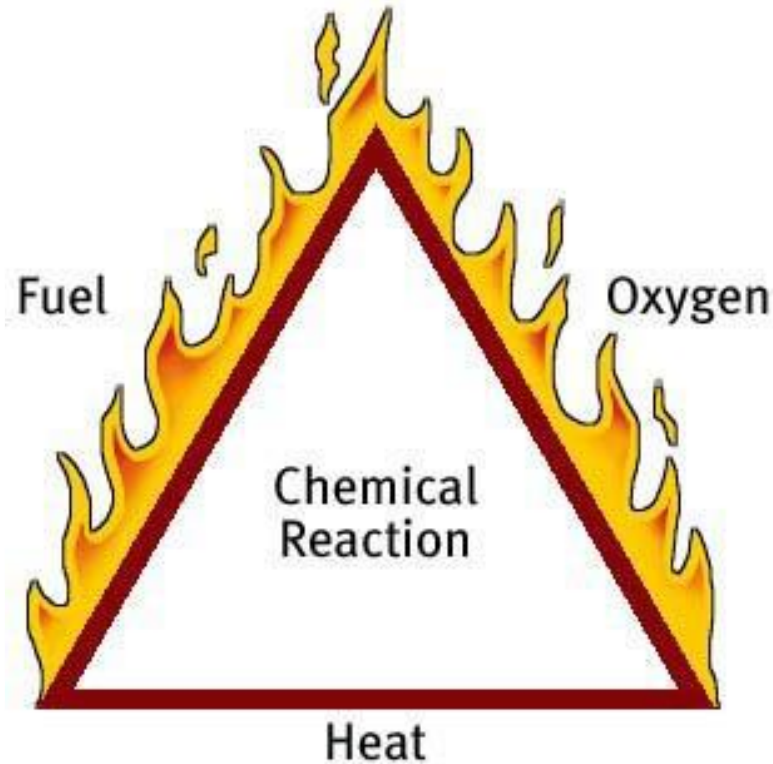


INCIDENT COMMANDER DIRECTIVES

Safety of individual SERT Responders is top priority!
SERT Responders will **NOT** fight fires.



The Fire Triangle



PM 6-3

Role of SERT



- SERT plays a very important role in fire response by:
 - Understanding and following their level of training.
 - Practicing the three S's:
 - **S**afety
 - **S**ituational Awareness
 - **S**ize-Up

Utility Control



- SERT Responders **should NOT turn-off gas or electrical utilities** unless under “controlled” conditions.
- Control of these two “hazardous energy” utilities are the **responsibility of the homeowner.**
- Utilities should only be **restored under supervision of qualified utility worker.**

Unit 6 Summary



- You should have a **greater understanding of fire chemistry and characteristics.**
- You should have a clear understanding the **role SERT plays in fire safety and response.**
- You should be able to **state the role SERT plays in utility control.**

SERT Basic Training

Session 4

Unit 7: Light Search and Rescue Operations



Search and Rescue



SERT Responders will perform a preliminary **Life Safety Assessment** from the **Green OK** or **Red HELP** Signs deployed by the resident.



Important Reminders



- SERT response is primarily **information gathering** to allow emergency response by professional rescuers.
- Interior dwelling search and rescue requires at least **THREE qualified and trained responders.**
- Initial SERT response strategy involves only one trained responder – must wait for additional personnel before making a search and rescue entry.

Deciding to Attempt Rescue



- Rescue attempt decisions are based on three factors:
 - **Risks involved** for the rescuer and survivor.
 - **Greatest good** for the greatest number.
 - Resources and **personnel available**.



PM 7-1

Goals of Search and Rescue



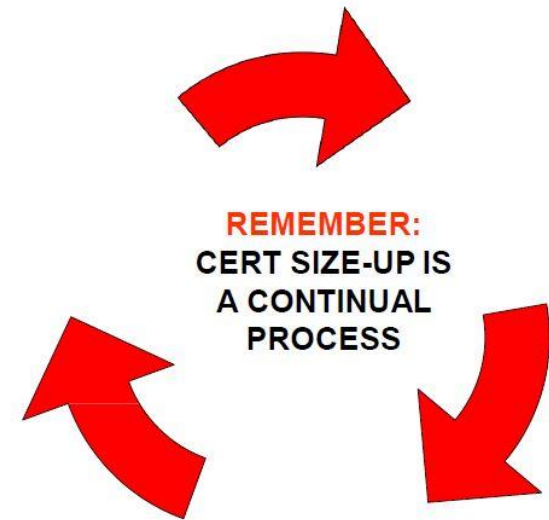
- **Keep safe** the rescuers and survivors;
- **Get walking wounded** out;
- **Rescue lightly trapped survivors.**

PM 7-1

SERT Size-up



1. Gather Facts
2. Assess Damage
3. Consider Probabilities
4. Assess Your Situation
5. Establish Priorities
6. Make Decisions
7. Develop Plan of Action
8. Take Action
9. Evaluate Progress



PM 7-3

Size-up Steps 1 & 2



1. Gather Facts:

- Structural integrity of building
- Occupancy
- Weather
- Hazards

2. Assess & Communicate Damage

- The SERT mission changes if damage is **light, moderate, or heavy.**



PM 7:5-7

Size-up Steps 3 & 4



3 - Consider Probabilities:

- How stable is the situation?
- What secondary factors should be considered?
- What else could go wrong?
- What does it mean for the search and rescue?

4 - Assess Your Situation:

- Is the situation safe enough to continue?
- What risks will rescuers face?
- What resources are needed?
- What resources are available?

PM 7:9-10

Size-up Steps 5 & 6



5 - Establish Priorities:

- What should be done?
- In what order?

6 - Make Decisions:

- Keep in mind:
 - Safety of SERT members,
 - Life safety for survivors and others,
 - Protection of the environment,
 - Protection of property.



PM 7-11

Size-up Steps 7 & 8



7 - Develop Plan of Action:

- Focus operation on established priorities and decisions.
- Provide documentation to give to responding agencies.
- Provide documentation to become part of SERT records.

8 - Take Action:

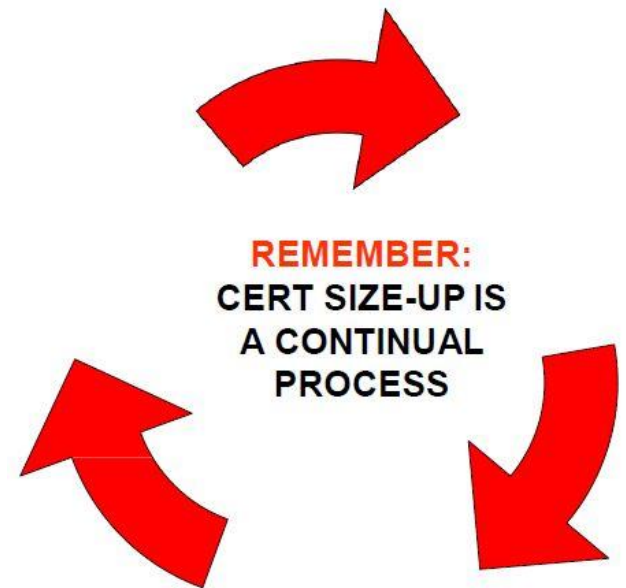
- Base action on plan developed during Step 7.

PM 7-12

Size-up Step 9



- **Evaluate Progress:**
 - Most critical step.
 - Monitor plan's effectiveness and safety.
 - If you see collapsed floors or walls, ***GET OUT!***



PM 7-12

Search Methodology



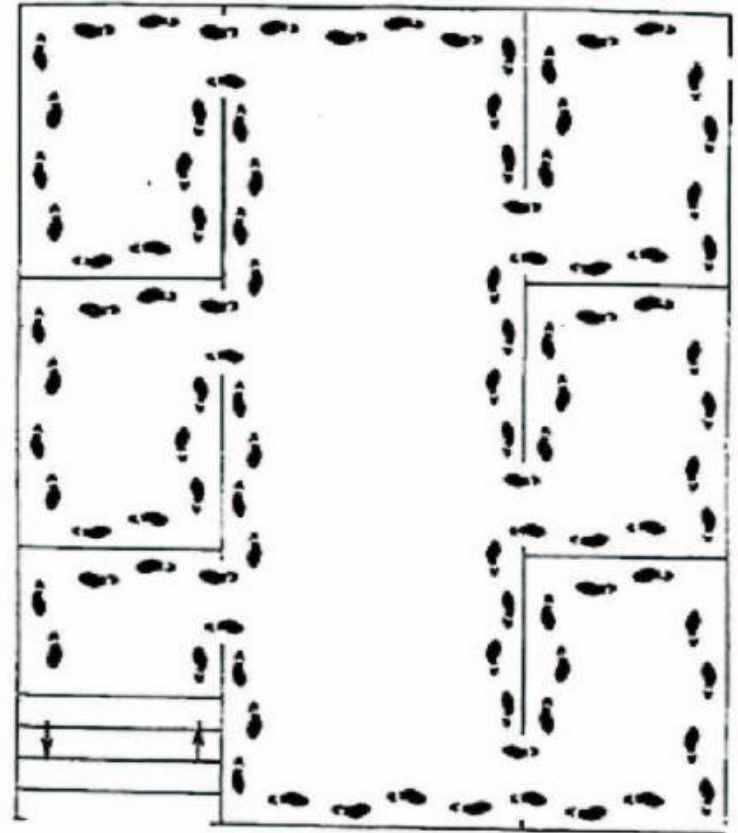
- Remain **within arm's reach** of another SERT member.
- **Call out to survivors**, “If anyone can hear my voice, come here.”
- **Ask any survivors** who do respond for more information about the building or others who may be trapped.
- Survivors might be in **shock or confused**.

PM 7: 15-16

Search Methodology



- **Bottom-up/top-down** for a multi-story building
- **Right wall/left wall** for a single floor
- Stop frequently to **listen**

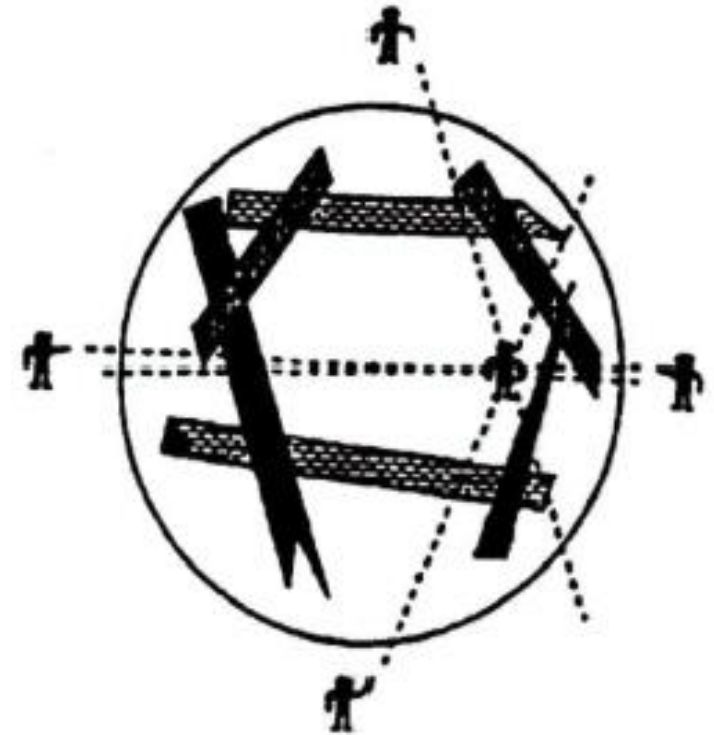


PM 7-15

Search Methodology



- **Triangulation** allows rescuers to view a location from several perspectives
- **Keep records** of rescued survivors and of those who remain trapped or who are dead
- **Report information** to emergency services personnel



PM 7-15

Rescue Operations & Precautions



- Maintain rescuer **safety**.
- Know your **limitations**.
- Follow **safety procedures**.
- **Remove objects and debris** to free survivors and create safe rescue environment .
- **Assess** survivors .
- **Remove** survivors.

PM 7: 18-27

Search Markings



Use **BLUE** painter tape on exterior of garage door to indicate the house **WITHOUT** an OK/Help sign has been inspected.



PM 7: 15

Unit 7 Summary



You should know

- How to decide **whether to attempt rescue.**
- The objectives** of interior and exterior search and rescue.
- How to** perform search and rescue size-up.
- Rescue functions.**

PM 7:28-29

CONGRATULATIONS!!!



The SERT Club Board of Directors and the Emergency Response Team – Command Staff would like to congratulate you for completing this training program.

Once you have completed your American Red Cross, FEMA materials, and a simulated activation drill you will be ***Tactical Members***.

Go forth and do good work!