



# FIRE PROTECTION TRAINING

Procedures Handbook 4300

STRUCTURE FIRES

**TOPIC:** Structure Fire Confinement

**TIME FRAME:** :20

**LEVEL OF INSTRUCTION:** Level I

**BEHAVIORAL OBJECTIVE:**

*Condition:* A written quiz

*Behavior:* Student will list and describe the considerations and methods of confining structure fires.

*Standard:* With a minimum of 80% accuracy

**MATERIALS NEEDED:**

- Appropriate visual aids
- Audio visual equipment

**REFERENCES:**

- IFSTA, Essentials of Fire Fighting, 5<sup>th</sup> Edition, Chapter 11 & 15
- NFPA, Fire Fighting Tactics, Lloyd Layman 1983
- NFPA, Fire Command, Brunacini, 1985

**PREPARATION:** The basic concerns of structural firefighting are to locate, confine, and extinguish the fire. Improper confinement methods can result in a simple room and contents fire becoming a fully involved structure fire.



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## STRUCTURE FIRE CONFINEMENT

PRESENTATION	APPLICATION
<p><b>I. CONFINEMENT</b></p> <p>A. Objective</p> <ol style="list-style-type: none"><li>1. The objective is to stop further advance of the fire and extinguish it in the area it was first discovered</li></ol> <p>B. To confine a fire you must consider stopping fire spread in six directions;</p> <ol style="list-style-type: none"><li>1. Front</li><li>2. Back</li><li>3. Top<ol style="list-style-type: none"><li>a. Attic</li><li>b. False ceiling</li></ol></li><li>4. Bottom<ol style="list-style-type: none"><li>a. Basement</li><li>b. Lower floors</li></ol></li><li>5. Both sides</li></ol> <p>C. Confinement considerations</p> <ol style="list-style-type: none"><li>1. Confining an intense fire may be necessary before a rescue can occur</li><li>2. All other things being equal keep greatest amount of unburned at your back</li><li>3. Effective confinement depends upon:<ol style="list-style-type: none"><li>a. Determining direction of fire extension</li><li>b. Establishing an attack point ahead of the fire</li></ol></li></ol>	



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## STRUCTURE FIRE CONFINEMENT

PRESENTATION	APPLICATION
<ul style="list-style-type: none"><li>(1) Make allowance for reflex time<ul style="list-style-type: none"><li>(a) The time from which an order is given until the time the action is accomplished</li></ul></li><li>c. Assemble resources at the attack point</li><li>d. Aggressively attack the fire</li><li>4. Do not overlook fire extension in concealed spaces<ul style="list-style-type: none"><li>a. Feel for heat</li><li>b. Look for smoke, discoloration, or blistering</li><li>c. Listen for "popping"</li><li>d. If available, use infa-red device or thermal imaging camera</li></ul></li><li>5. If you "suspect" extension open the area and make visual inspection<ul style="list-style-type: none"><li>a. Have charged hoseline ready prior to opening<ul style="list-style-type: none"><li>(1) Personal safety</li><li>(2) Minimize fire extension</li></ul></li><li>b. Consequences of not making a visual inspection could be life threatening or cause further property damage</li></ul></li><li>6. Support sprinkler system if it is working effectively</li></ul>	



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STRUCTURE FIRE CONFINEMENT

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## ***SUMMARY:***

The objective of confinement is to stop the extension of fire and minimize the primary (fire caused) damage associated with the fire. In most instances if confinement is properly executed the transition into the extinguishment phase will not be apparent.

## ***EVALUATION:***

A written quiz.

## ***ASSIGNMENT:***

To be determined by instructor(s).