



FEMA

Urban Search and Rescue Marking System Reference

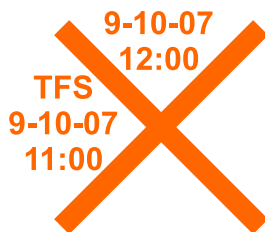
Search Markings

An "X" that is 2' X 2' in size will be made with International Orange color spray paint. This X will be constructed in two operations.



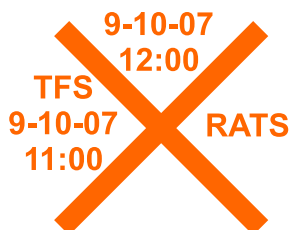
LEFT QUADRANT - USAR TF identifier and entry time.

Single slash drawn upon entry to a structure or area indicates search operations are currently in progress. The time and TF identifier are posted as indicated.



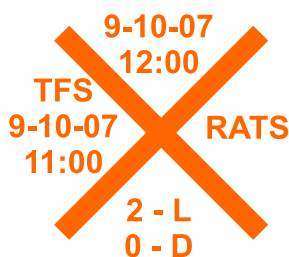
TOP QUADRANT - Time and date that the TF personnel left the structure.

Crossing slash drawn upon personnel exiting from the structure or area. Time and date that the TF personnel left the structure.



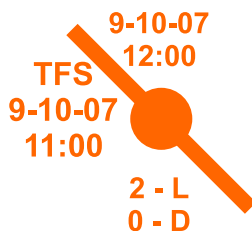
RIGHT QUADRANT - Personal hazards.

Single slash drawn upon entry to a structure or area indicates search operations are currently in progress. The time and TF identifier are posted as indicated.



BOTTOM QUADRANT - Number of victims.

Number of live and dead victims still inside the structure. ("0" = no victims)



Incomplete Search - Circle through slash.

If the search was incomplete place a circle on the first slash.



Floors Searched - F = Floors, Q = Quadrants.

If multiple floors are searched a box under the "X" will show how many floors/quadrants have been searched.



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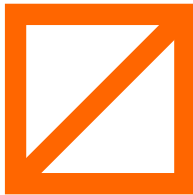
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Structure Hazard Markings

A 2' X 2' square box is outlined at any entrance accessible for entry into any compromised structure.



Structure is accessible and safe for search and rescue operations. Damage is minor with little danger of further collapse.



Structure is significantly damaged. Some areas are relatively safe, but other areas may need shoring, bracing, or removal of falling and collapse hazards. The structure may be completely pancaked.



Structure is not safe for search and rescue operations and may be subject to sudden additional collapse. Remote search operations may proceed at significant risk. If rescue operations are undertaken, safe haven areas and rapid evacuation routes should be created.



Arrow located next to a marking box indicates the direction to the safe entrance to the structure, should the marking box need to be made remote from the indicated entrance.

HM

Indicates that a HAZMAT condition exists in or adjacent to the structure. Personnel may be in jeopardy. Consideration for operations should be made in conjunction with the Hazardous Materials Specialist. Type of hazard may also be noted.



9-10-07 14:00
HM - LPG GAS
FL - TFS

The example indicates that a safe point of entry exists above the marking (possibly a window, upper floor, etc.). The single slash means the structure may require some shoring and bracing. The assessment was made on September 10, 2007, at 2:00 PM. There is an apparent indication of LPG gas in the structure. The evaluation was made by TFS from the State of Florida.