



STRUCTURAL COLLAPSE RESCUE CHECKLIST

ICP LOCATION: _____ STAGING AREA LOCATION: _____

SIZE UP & "SURFACE" VICTIM RESCUE

DATE _____ START TIME _____ INCIDENT # _____ REQ. # _____

Site location/address _____

Business/company Name(s) _____

Company Address _____ City, State _____

REPORTING PARTY / CONTACT PERSON _____ PHONE # _____

NUMBER OF VICTIMS _____ TIME LAST SEEN _____ CONSCIOUS: YES NO RESCUE RECOVERY

EVACUATE/RESCUE ALL CIVILIANS TRIAGE BUILDING(S) W/ STRUCTURE MARKING SYSTEM SECURE ALL UTILITIES

REQUESTS: LAW ENFORCEMENT / PUBLIC WORKS / STRUCTURAL ENGINEER(S) / USAR SEARCH DOGS / RED CROSS

GAS COMPANY / PG&E / USAR TEAMS / HANDCREWS / ADDITIONAL FIRE / AMBULANCE UNITS

REMINDERS: INITIATE ICS 201 & UNIT LOG 214 / COMPILE EQUIPMENT NEEDS FOR RESOURCE ORDER LUMBER NEEDS(ON BACK)

TYPE(S) OF COLLAPSE

LEAN TO / V-SHAPE / PANCAKE / CANTILEVER / OTHER _____

TYPE OF CONSTRUCTION: LIGHT FRAME / HEAVY WALL / HEAVY FLOOR / PRECAST

RISK ASSESSMENT (NUMBER OF STRUCTURES): FULL COLLAPSE: _____ PARTIAL COLLAPSE: _____

MINOR DAMAGE: _____ NO DAMAGE: _____

SEARCH AREA & "VOID" SPACE RESCUE

SAFETY & SHORING SYSTEMS

IMPORTANT! DO NOT ENTER VOID SPACE, COMPROMISED DOOR OR WINDOW WITHOUT SHORING FIRST!

ESTABLISH SAFETY ZONE LOCATIONS: 1. _____ 2. _____

EMERGENCY SIGNALS: EVACUATE THE AREA = 3 SHORT BLASTS / CEASE OPERATIONS/ALL QUIET = 1 LONG BLAST

RESUME OPERATIONS = 1 LONG & 1 SHORT BLAST / TRAPPED RESCUER = A CONTINUOUS FIVE TAPS, PAUSE, FIVE TAPS, PAUSE

SHORING SYSTEMS: SPOT / VERTICAL - HORIZONTAL / WINDOW/DOOR / SLOPED SURFACE / RAKER-SOLID SOLE/FLYING

MARK SHORING USING SPRAY PAINT, CRAYON, AND/OR PLUMB BOB TO DETECT FURTHER MOVEMENT

OPERATION CHECKS

OPERATIONS PERIMETER CONTROL ELIMINATE VEHICLE/RAILWAY MOVEMENT ELIMINATE IGNITION SOURCES

PROVIDE LIGHTING PROTECTIVE CLOTHING & PPE ATMOSPHERIC MONITORING VENTILATION

RESPIRATORY PROTECTION: SCBA / SAR / APR / DUST MASKS / NONE

COMMUNICATION: VISUAL / VOICE / HARDLINE / RADIO / ROPE

DEBRIS REMOVAL: FRONT LOADER(S) / DUMP TRUCK(S) / BUCKETS / SHOVELS / OTHER: _____

ICS / PERSONNEL

SCENE MANAGEMENT

INCIDENT COMMANDER _____	OPERATIONS _____	Assign runners, cutters, measure & layout personnel to the cutting area officer.
LAW GROUP _____	MEDICAL GROUP _____	
SAFETY OFFICER _____	ACCOUNTABILITY _____	
SEARCH GROUP _____	RESCUE GROUP _____	
SHORING GROUP _____	CUTTING OFFICER _____	
DIVISION/GROUP _____	PUBLIC WORKS _____	
STRUCTURAL ENGINEER(S) _____		

Ric #1 UNIT # _____ LOCATION: _____ Ric #2 UNIT # _____ LOCATION: _____

END

PERSONNEL ACCOUNTABILITY EQUIPMENT REMOVED SCENE SECURED DEBRIEFING / CISD OBTAIN FC-33's

TIME _____ DATE _____ OPERATIONS/SAFETY OFFICER SIGNATURE _____

Structural Collapse Materials - Order List*
(Residential Structure – Single Family 1 Story)

*request "order list" items #1-#7 via ECC

1. 30 – 4" X 4" X 12' Lumber
2. 12 – 2" X 6" X 12' Lumber
3. 8 – 2" X 4" X 12' Lumber
4. 6 – 4' X 8' X 3/4" CDX Plywood
5. 2 – 10' X 5/8" Rebar
6. 50 lbs. – 16d Nails
7. 50 lbs. – 8d nails

Lumber above will shore a minimum of:

- 1 Raker 12', 1 Horizontal 12', 1 Window standard size,
- 1 Door standard size, 2 Crosstie Crib Beds 11" tall

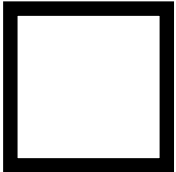
FEMA SEARCH AND RESCUE MARKING SYSTEM

1ST Slash made when entering, 2ND slash made upon exit

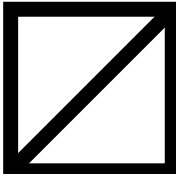


FEMA BUILDING MARKING SYSTEM

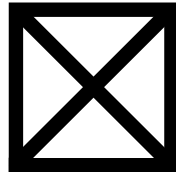
Make a 2' X 2' box with orange spray paint adjacent to most accessible entry.



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 SAR 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.

MARK THE FOLLOWING NEXT TO THE BOX:

Arrow next to the box indicates the direction of safest entry to the structure



DATE AND TIME OF MARKING

Indicate hazmat condition in or adjacent to structure. SAR operations normally will not be allowed until condition is better defined or eliminated.

HM

UNIT IDENTIFIER

ENTRY LOG

UNIT IDENTIFIER / LEADER NAME	# OF PERSONNEL	BUSINESS NAME / BLDG. ADDRESS	ENTRY TIME	EXIT TIME