

STRUCTURE ASSESSMENT CHECKLIST

Address/Property Name:

Address Marked Yes _____ No _____ Number of residents on site _____

Road Access:

Road surface: paved, gravel, unimproved, dirt

Adequate width, vegetation clearance and Safety Zones along road _____ Yes _____ No

Undercarriage problems (4x4 access only) _____ Yes _____ No

Turnouts and turnarounds _____ Yes _____ No

Bridges (load limits) _____ Posted _____ Yes _____ No

Stream crossings (approach angle, crossing depth and surface) Yes _____ No _____

Roadway Terrain: Mid-slope _____ near chimneys _____ saddles _____ canyon bottom _____

Grade Flat to 15% _____ 15% _____ 25% _____ 30% _____

Structure/Building

Single residence _____ multi-complex _____ #out buildings _____

Does building have unknown or hazardous materials? Type _____

Exterior walls: stucco _____ other noncombustible _____ wood frame _____ vinyl _____

Roof Type: Wood shake _____ Tile _____ Comp _____

Large unprotected windows facing heat source: _____ yes _____ no

Proximity of any aboveground fuel tanks (LPG, propane, etc.) _____

Eaves (covered with little overhang, exposed with large overhang) _____ yes _____ no

Other features (wood deck, wood patio cover and furniture, wood fencing)

Clearances/Exposures/Defensible Space

Structure location: narrow ridge _____ canyon _____ mid-slope _____ chimney _____ open _____

Adequate clearance around structure (steeper the slope the more clearance required)

No _____ Yes _____ 10' _____ 20' _____ 30' _____ 50' _____ 100' _____

Surrounding fuels (larger, denser the fuels, the more clearance required)

Light _____ Medium _____ Heavy _____

Flammable fuels (trees, ladder fuel, shrubs) adjacent to structure (is there time for removing these fuels?) Yes _____ No _____ Removed _____

Other combustibles near structure (wood piles, furniture, fuel tanks)

Yes _____ No _____ Removed _____

Is there adequate clearance around fuel tank?

Yes _____ No _____ Removed _____ Turned off _____

Power lines or transformers (DO NOT park under power lines)

Yes _____ No _____

Hazardous Materials

Chemicals (Look for DOT/NFPA/UN symbols)

Yes _____ No _____ Secured _____

Pesticides and herbicides

Yes _____ No _____ Secured _____

Petroleum products

Yes _____ No _____ Secured _____

Paint products

Yes _____ No _____ Secured _____

Water Sources

Hydrant/Standpipe: (When connecting with hydrant, be aware of flow rate and gpm output, size and venting capability of engine or water tender may not be able to handle hydrants with high flow and gpm rates.) Yes_____ No_____ Distance_____

Storage tank Yes_____ No_____ Distance_____

Swimming pool Yes_____ No_____ Aprox Gallons_____ Engine accessible Y / N

Hot tub Yes_____ No_____

Fish pond Yes_____ No_____ Aprox Gallons_____ Engine accessible Y / N

Irrigation ditch Yes_____ No_____ Engine accessible Y / N

Evacuation

Is safe evacuation possible Yes_____ No_____ (Identify safe refuge)

Two access points Yes_____ No_____

Coordinate with on-scene law enforcement and emergency services personnel.

Estimated Resources for Protection

Number(s) and type(s) of engines, water tenders, crews, dozers (General Guidelines: one engine per structure, one additional engine for every four structures to be used as "backup" and for patrol. For structured that are close together (50' or less), one engine may be adequate to protect two structures.)

Type and number of aircraft available	Required Number and Type of Resources Required
Fire Behavior Considerations	_____

STRUCTURE TRIAGE CATEGORY

_____ **Not-Threatened:** Safety Zone and TRA are present and construction features or defensible space make it unlikely that the structure will ignite during initial fire front contact.

_____ **Threatened Defensible:** Safety Zone and TRA are present and construction features, lack of defensible space, or other challenges requires firefighters to implement structure protection tactics during fire front contact.

_____ **Threatened Non-Defensible:** Either there is no Safety Zone or TRA present and/or the structure has challenges that do not allow firefighters to safely commit to stay and protect the structure during fire front contact.

Completed by_____ Date_____ Time_____

Identifier_____

