

FIREFIGHTER STRUCTURE TRIAGE ASSESSMENT

Physical Access and Property Considerations:

- Address/Property Name
- Number of residents on site
- Road access
- Road surface (paved, gravel, unimproved, dirt)
- Adequate road width, vegetation clearance and safety zones along road
- Undercarriage problems (4x4 access only)
- Turnouts and turnarounds
- Bridges (load limits)
- Stream crossings (approach angle, crossing depth and surface)
- Terrain (road slope, location on slope-near natural chimneys, saddles, or canyon bottom)
- Grade (greater than 15%)
- Surrounding fuels (the denser the fuels the more clearance required)

On Site Hazardous Materials:

- Does the site have flammable fuels (Trees, ladder fuel, shrubs) adjacent to the structures and is there time to remove these fuels
- Are other combustibles near the structure (wood piles, furniture, fuel tanks)
- Is there adequate clearance around the fuel tank
- Are there power lines or transformers (DO NOT park under power lines)
- Chemicals (Look for DOT/NFPA/UN symbols)
- Pesticides and herbicides
- Petroleum products
- Paint products

Structure /Building Construction:

- Single family residence or multi-family complex, out building (barn, storage)
- Does the building have unknown or hazardous materials
- Exterior walls (stucco or other non- combustible, wood frame, vinyl, wood shake)
- Large unprotected windows facing heat source
- Proximity of any above ground fuel tanks (LPG, propane, etc.)
- Roof material (wood shake, asphalt, non- combustible)
- Eaves (covered with little overhang, exposed with large overhang)
- Other features (wood deck, wood patio cover and furniture, wood fencing)
- Clearances/Exposures/Defensible Space
- Structure location (narrow ridge, canyon, mid- slope, natural chimney)
- Adequate clearance around structure-minimum of 100' (the steeper the slope the more clearance required)
- Chapter 6 – Urban Interface 139
- Chapter 6 – Urban Interface 140

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.)
- Storage tank
- Swimming pool

- Hot tub
- Fish pond
- Irrigation ditch

Evacuation:

- Is safe evacuation possible (Identify safe refuge for those who cannot be evacuated.)
- Coordinate with on-scene law enforcement and emergency services personnel.

Resource Availability:

- 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 "back- up" and for patrol. For structures that are close together (50' or less), one engine may be adequate to protect two structures.
- Type and number of aircraft available.