

Ladders

Mancahca Fire/Rescue
Travis County Emergency Services District #5



Overview

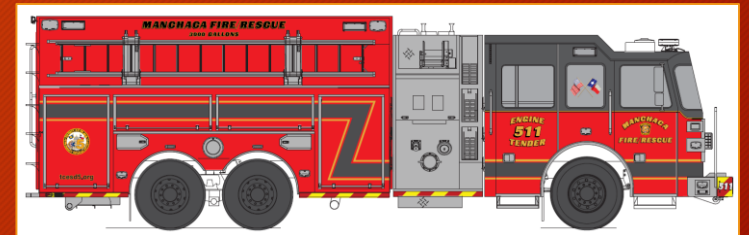
When it comes to ladders, engine company personnel typically deal with the 14 foot roof ladder and the 24 foot extension ladder.

Engine personnel should be familiar with two-person and single person deployments of these ladders so they may be placed into service quickly with minimum staffing. This comes into play when the engine is the only unit assigned to a call or there is a need for a ladder and truck personnel are not available or otherwise occupied with other tasks.

Deployment

Our ladders are carried in a variety of ways.

- Engine 501 has rear mounted ladders that slide out of a compartment.
- Engine/Tender 511 has ladders on a side-mounted ladder rack that is lowered down to access the ladders.
- Tender 501 has side mounted ladders.

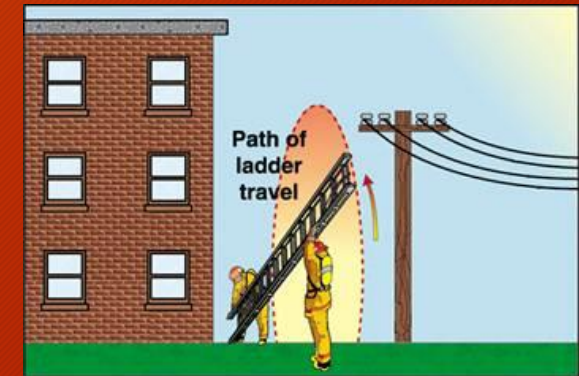
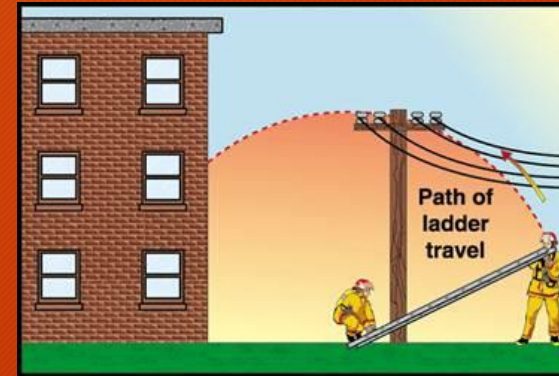


Basics

We use aluminum ladders, aluminum extension ladders are used with the fly section out.

Remember to look for overhead obstructions (power lines, overhangs, trees, buildings, etc.) when deploying.

Positioning of ladders depends on their intended use.



Roof Access



Ventilation



Rescue/Entry

Raises

While there are a variety of techniques to perform one and two person ladder raises, all should be performed safely and achieve the goal of the laddering operation.

Video: [Single FF beam raise of extension ladder](#)

Video: [Single FF flat raise of extension ladder](#)

Video: [Two FF raise \(beam\)](#)