



Rogers Fire Department
Minimum Company Standards
SOP 142, FORM 90



AERIAL LADDER FAMILIARIZATION AND SAFETY

Reference: NFPA 1001, 5.3.9 2008 Edition

JPR Identification:

Purpose: The purpose of this standard is to familiarize the firefighter with the aerial ladder and to safely and effectively set up the aerial and flow water. The skills learned through this exercise will teach the proper procedures and techniques for deploying the aerial ladder. All members of the crew should be proficient in their responsibilities as well as understand the duties of the other crew members. This understanding will allow them to function better as a team and enable members to function in different capacities within the crew.

Performance Outcome: The firefighter should be familiar with aerial ladder operations and safety.

Materials Required: Aerial Ladder (T1 or T5)
Proper PPE
Radio
Note: It is the discretion of the company officer what props and configuration are utilized for this company skill.

Critical Teaching Points:

1. The Driver/ Operator should consider; overhead obstructions, building material and condition, and environment when placing apparatus.
2. The company officer should reinforce the techniques utilized by Rogers Fire Department these techniques are standardized and should be utilized
3. Be aware of gradient when deploying outriggers (downhill side first)
4. No short jacking the outriggers; outriggers must be fully deployed before aerial will can be raised.
5. If possibility of contacting electrical wires or lightning, be sure to pull out the pump operator platform to stand on.
6. Ensure preparation for water supply (pony section of LDH and water thief).
7. Drain aerial prior to cradling ladder.

AERIAL LADDER FAMILIARIZATION AND SAFETY

1. Ensure that all personal protective equipment is appropriately donned and secure before starting the evolutions.
2. Driver/ Operator; stop truck at the designated position and angle, put in neutral, apply parking brake and front wheel lock.
3. Put truck into pump (make sure green lights are on)
4. Aerial PTO and Aerial Master switches flipped to the on position

Aerial Ladder Familiarization and Safety

5. Wheel chocks placed
6. Pump Panel:
 - a. Prime pump
 - b. Pull Tank to Pump valve
 - c. "Crack" Tank Fill/ Recirculating valve (adjust after connected to hydrant)
 - d. Set pump for Pressure or Volume
7. After crosslay is pulled:
 - a. Set pump pre set
 - b. Charge correct crosslay
 - c. Adjust PSI as necessary
8. Rear of truck
 - a. Flip Stabilizer/ Aerial switch to Stabilizer
 - b. Fully extend stabilizers
 - c. Place stabilizer plates (handles facing up and in)
 - d. Lower stabilizers (downhill side first)
 - e. Level truck (bubble level, and green lights should be on for the L and R side)
 - f. Place pins
9. Switch to Aerial
10. Climb to turntable, be aware of overhead obstructions, raise ladder and place where needed
11. Back at Pump Panel; open Aerial discharge and adjust PSI as needed
12. Pony section of LDH and Water Thief ready for water

