



Rogers Fire Department
Minimum Company Standards
SOP 142, FORM 90

FORWARD LAY USING 2 ENGINES, SUPPLY LINE AND GARDEN LAY WITH ATTACK LINES

PURPOSE: The purpose of this evolution is to demonstrate the ability to advance hoselines to the positions necessary for fire suppression operations. Advancing initial attack and backup lines are the foundation for all suppression activities that Rogers Fire Department conducts. This evolution uses 2 Engine Companies, one supply line, garden lay, and attack lines. Performing this evolution is a coordinated effort within a crew. All members of the crew should be proficient in their responsibilities as well as understand the duties of 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: Crews will establish water supply and advance and operate a “garden lay” hose layout with primary and back up attack lines flowing no less than 100 gpm within 5 minutes.

MATERIALS REQUIRED:

- 2 engine companies
- Hydrant
- 300’ 5” supply line
- Garden lay set up (50’ section of 2 ½” hose, 2 ½” x 1 ¾” gated wye, 100’ of 1 ¾” hose w/ nozzle, and spanner wrenches)
- 100’ 1 ¾” attack line w/ nozzle
- 250’ 2 ½” hose

CRITICAL TEACHING POINTS:

1. All personnel must understand each aspect of their duties, not just the application of water.
2. Personnel are encouraged to understand the responsibilities within each position on the apparatus during the evolution in order to increase the depth, knowledge, and understanding of each crew.
3. Firefighters should establish water supply through the hydrant.
4. Apparatus Operators should understand hydraulics and flow as well as the pump operation of the apparatus, not simply pulling appropriate levers for fire suppression.
5. Company officers should over see the entire operation as well as pull the attack line for suppression activities. They will then back up the firefighter for suppression activities.
6. If the number of personnel used to perform this evolution exceeds the normal single-engine company staffing, the additional personnel should be delayed 30 seconds before becoming involved in the evolution.
7. The evolution may be adjusted to meet the needs of the crew or to address any specific deficiencies that have been identified. These adjustments are at the discretion of the company officer.
8. Alterations to the evolution are permitted but must be documented to include size of supply line used, size of attack line used, type of nozzle used, and number of persons used.

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Standardized Instructions for Forward Lay Using 2 Engine Companies, Supply Line, and “Garden Lay”

1. Evolution will start with personnel in normal riding positions dressed as they normally would when responding to a fire. Personnel are not allowed to don full PPE prior to exiting the apparatus.
2. Seat belts are not released and doors are not opened until time starts.
3. All personnel will have the appropriate level of PPE.
4. 1st due Engine will proceed to fire scene and begin deployment of “garden lay” and prepare for water supply from 2nd due Engine.
5. 1st due Engine will deploy and advance “garden lay” connected to 250’ of 2 ½” hose.
6. After a 30 second delay, 2nd due Engine will catch a hydrant and lay 300’ of 5” supply line to 1st due Engine.
7. 2nd due Engine shall help ensure water supply to 1st due Engine.
8. 2nd due Engine shall then connect a 100’ section of 1 ¾” hose with nozzle to gated wye on “garden lay” as a back up line.
9. Fire attack crews will consist of a company officer and a FF each.
10. Evolution will stop when all fire attack crew members are in full PPE, breathing air, and both lines are flowing no less than 100 gpm.

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