



Rogers Fire Department

Minimum Company Standards

SOP 142, FORM 90

REVERSE LAY FROM PORTABLE MASTER STREAM APPLIANCE USING ONE ENGINE

Reference: NFPA 1410, A.7.1.1 2005 Edition

JPR Identification:

Purpose: The purpose of this evolution is to demonstrate the ability to establish a portable master stream for suppression activities. Establishing water at a rate of 500 GPM or more is essential for Rogers Fire Department during fire attack both offensively and defensively. This evolution uses one Engine Company, one supply line, and one portable master stream (Blitzfire). 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 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: Crews will deploy the Blitzfire and flow a minimum of 500 GPM while using a reverse lay 300' to the water supply. The evolution will be completed within the established time frame of 5:00 minutes. This evolution must be completed while all personnel are wearing the proper PPE.

Materials Required: Engine
Hydrant
One Portable Master Stream (Blitzfire)

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. Apparatus Operators should establish water supply through the hydrant. *Reverse lay only*
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. The Firefighter will deploy the Blitzfire and operate dependent upon the given scenario, offensive or defensive.
6. Company officers should over see the entire operation as well as assist in deploying the Blitzfire for suppression activities.
7. 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.
8. 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. 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.

Reverse Lay From Portable Master Stream Appliance Using One Engine

Standardized Instructions for Reverse Lay From Portable Master Stream Appliance Using One Engine

NOTE: This evolution may also be completed using a standard Blitzfire deployment once apparatus is positioned at the water source.

1. Evolution will start with personnel in normal riding positions dressed as they would ordinarily respond to a fire. Personnel are not allowed to don all PPE prior to exiting the apparatus.
2. Seat belts are not released and doors not opened until time starts.
3. All personnel will have the appropriate level of PPE.
4. Engine Company will stage away from Blitzfire deployment site. When personnel are ready, they may proceed to the hydrant.
5. Time will begin when Engine stops at designated Blitzfire deployment site.
6. Once the apparatus stops, personnel may exit the apparatus and the firefighter will deploy the Blitzfire
7. The company officer will assist in the deployment of the Blitzfire and oversee the entire evolution.
8. Water supply shall be established using a reverse lay with 3" supply line 300' to the hydrant. *Note, the length of supply line is only a recommendation during practice however during any evaluation 300' will be the required length.*
9. Once the apparatus stops at the water source, the apparatus operator will ensure the wheels are chocked.
10. The Blitzfire will be charged and flowing at a minimum of 500 GPM once the following criteria are met:
 - a. Water supply from hydrant is established
 - b. All personnel are in the proper PPE
 - c. Attack crew consisting of Company Officer and firefighter are breathing air from SCBA
 - d. Attack crew has deployed the Blitzfire as a crew
11. The apparatus operator shall Operate the portable master stream at the proper pressure and flows
12. There will be no stop in water flow to supply lines once started.
13. Complete all tasks in a safe and prudent manner
14. Complete all tasks within five minutes (*evaluation only*)

