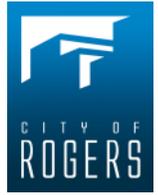




Rogers Fire Department
Minimum Company Standards
SOP 142, FORM 90



BRUSH TRUCK / TFT PRO PAK

Reference: TFT Operators Manual

JPR Identification:

Purpose: The purpose of this standard is to increase the firefighter's familiarity with the Brush Truck utilized by the Rogers Fire Department and the specialized operation of its equipment. All firefighter should be aware of the operations and capabilities of the brush trucks. Additionally, each firefighter should be aware of the use of the TFT Pro Paks. This should be done by flowing foam and understanding flow rates dependent upon situation. All members of the crew should be proficient in their responsibilities on a Brush Truck 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: Individual will be able to operate all equipment on either Brush Truck. This level of operation is dependent upon the company officer. Each firefighter should also have detailed working knowledge of the TFT Pro Paks located on either rig. Foam should be flowed for familiarity of operation. *Note: this session may be adjusted by the company officer to fit the need of his / her specific crew members.*

Materials Required: Brush Truck
TFT Pro Pak
Note: It is the discretion of the company officer what degree of knowledge is necessary for this company skill.

Critical Teaching Points:

1. The company officer should demonstrate the operation of the Brush Truck, its equipment, and the TFT Pro Pak
2. The company officer should reinforce the techniques utilized by Rogers Fire Department these techniques are standardized and should be utilized

Brush Truck / TFT Pro Pak

1. Ensure that all personal protective equipment is appropriately donned and secure before starting the evolutions
2. The PRO/Pak Portable Foam System is a very versatile eductor-type foam application appliance. It can be used with 0.1%-1% Class A foam concentrates for wildland, rural and urban fire suppression on Class A fuels (wood, paper, combustible materials). On Class A materials the PRO/Pak is intended to be used for direct extinguishment, overhaul, and wetting of fuels.
3. On Class B materials the PRO/Pak is primarily intended to be used for vapor suppression. It can be used with 1% and 3% AFFF concentrates on flammable liquids that do not contain alcohol. It can be used with 3% and 6% Alcohol Resistant AFFF Class B concentrates on flammable liquids containing polar solvents. It can also be used with 3% X 6% or 6% Class B foam concentrates.

Brush Truck / TFT Pro Pak

4. Any eductor type system the accuracy of the foam concentrate to water ratio will depend upon the viscosity (thickness) of the foam concentrate. The more viscous, or thick, the foam concentrate, the greater the amount of energy required to draw the concentrate into the eductor. The viscosity of most foam concentrates changes with temperature, some thickening to a gel at temperatures of 40° F (4° C).
5. The PRO/pak percentage knob has two sides, the green Class A side was calibrated for 20 Centipoise Class A foam concentrates and the red, Class B, side was calibrated with National Foam's Universal Gold® AFFF concentrate.
6. The Control Block and Valve Assembly can be mounted on the Foam Tank for right or left hand operation. To switch hands, remove the Shoulder Strap from the Pull Pins. Remove the Circle Couters from the Pull Pins and remove the Pull Pins themselves. Pull the Control Assembly straight up and out of the tank. Turn the Control Unit around and reinstall the Pull Pins, the Circle Couters, and the Shoulder Strap.
7. Actual foam concentrations vary with changes in water flow, foam concentrate temperature and viscosity. The user must verify that the concentrate's performance is suitable for use in their application. In all cases, the manufacturer's recommendations must be followed.
8. Refer to the TFT Pro Pak manual for specific details regarding operations and application.

