

Guilford Fire Department
Standard Operating Guideline

<u>Effective date:</u> January 2013	<u>Number:</u> Chapter 08-?	<u>Revision:</u> 1
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Title: Blitz Force portable monitor

<u>Approved By:</u>	<u>Replacing:</u>	<u>Number of Pages:</u> 3
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Purpose: Squad Company 1 is equipped with a Blitz Force portable monitor. The Blitz Force is a lightweight, easy to deploy portable monitor, this procedure will ensure uniform operation of the unit when deployed.

Scope: This procedure applies to all members of the Guilford Fire Department who will operate at an emergency scene. This procedure contains specific information for pump operators as well.

Procedure:

Operations: The mode of operation will be determined by the officer in charge based on conditions. Regardless of the operational mode the monitor should be set up according to the appendix.

Defensive mode:

When the decision is made to operate in the defensive mode the blitz force monitor can be operated either manned or unmanned. If operated unmanned the unit should be anchored. The unit can be supplied with 2.5" hose or 4" hose in this configuration, the attached chart contains pump discharge pressures.

Transitional Attack Mode:

A transitional attack is a popular operational mode employed when arriving units are met with a large volume of visible fire on arrival. The officer may choose to quickly employ master streams to knock down the heavy fire and then proceed with an immediate, aggressive interior attack to extinguish the fire. In the case of the transitional attack the blitz force monitor should be manned if possible to expedite positioning and to aim the nozzle to extinguish the most fire using the least amount of time and water. To ensure the safest operation for our members use of the blitz force monitor will be discontinued prior to crews entering the structure. In the transitional attack mode the blitz force should be supplied with 2.5" hose to ease positioning and relocating when charged.

Offensive Mode:

Although not specifically indicated, there are times when the blitz force monitor could be beneficial in making an offensive attack on certain structures. This is the exception not the rule and will be at the sole discretion of the officer in charge.

Squad 1 Blitz Force Gun Pump Discharge Pressure

hose	tip size	GPM	nozzle pressure	pump discharge pressure
300' 2.5"	1"	210GPM	50psi	80psi
300' 2.5"	1.25"	328GPM	50psi	110psi
300' 2.5"	1.5"	473GPM	50psi	150psi
150' 2.5"	1"	210GPM	50psi	70psi
150' 2.5"	1.25"	328GPM	50psi	100psi
150' 2.5"	1.5"	473GPM	50psi	120psi
100' 4"	1"	210GPM	50psi	80psi
100' 4"	1.25"	328GPM	50psi	80psi
100' 4"	1.5"	473GPM	50psi	80psi

Pump discharge pressures include friction loss in supply line and 10psi loss in gun itself.

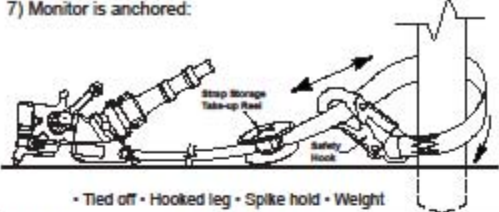
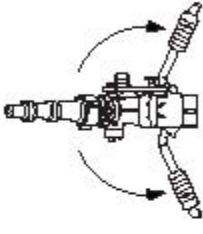
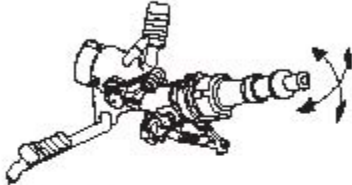
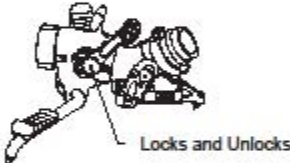

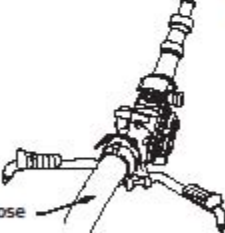

Anchoring: Anchoring the unit is discussed in section five of the user manual. The following chart is taken from the manual and indicates the best method.

Method	Risk of Moving
Anchoring by Weight	High
Anchoring by spike holds	Medium
Hooking legs on vertical surfaces	Medium
Using a tie off strap	Low

Appendix

12.0 OPERATION CHECKLIST

Monitor must be inspected for proper operation and function according to this checklist before each use. Before flowing water check:

<p>1) There is no obvious damage such as missing, broken or loose parts. 2) Hose and nozzle are securely attached.</p>	<p>7) Monitor is anchored:</p>  <p style="text-align: center;">• Tied off • Hooked leg • Spike hold • Weight</p>
<p>3) Both legs are fully open. 4) All three spikes are in contact with the ground.</p> 	<p>8) Outlet pivots smoothly in both directions and elevation safety plunger is operational.</p> 
<p>5) Valve handle locks when closed and releases.</p>  <p style="text-align: center;">Locks and Unlocks</p>	<p>9) Shut-Off valve is operational. (see section 2.2)</p> 
<p>8) Inlet coupling swivels freely when hose is charged.</p>  <p style="text-align: center;">Charged Hose</p>	<p>10) Monitor is pointed in a safe direction.</p> 

WARNING Any Blitz Force Portable Monitor failing any part of the inspection checklist is unsafe and must have the problem corrected before use. Operating a Blitz Force Portable Monitor that fails any of the above inspections is a misuse of this equipment.

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