

# **Tippmann Ordnance Company Inc.**

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**SSB-24A Field Manual 1.02**

THE SSB-24A SUICIDE BOMBER BEST (SSB) IS A TRAINING AID DEVICE THAT IS USED TO SIMULATE THE FRAGMENTATION EFFECTS CAUSED BY A PERSONAL TYPE SUICIDE ATTACH DEVICE. IT IS A PNEUMATICALLY COMMAND DETONATED SYSTEM THAT IS DEPLOYED AS A VEST THAT IS WORN BY THE ATTACKER. THE SSB-24A BEST IS ALTERED OF CHANGED TO FIT THE OPERATIONAL REQUIREMENTS OF THE OPERATION AND ALSO ELIMINATE THE "BROWN COAT" SYNDROME.

To load and deploy the SSB-24A Suicide Bomber Vest, follow the step by step guidelines illustrated below:

## Section A: Charging Paint System:

**Step 1:** Lay the vest open on a flat surface with the back of the vest up as shown in picture (1) below.

**\*Vest is shown with CO2 Tank connected, it does not need to be in order to charge the vest with paint.**



**Step 2:** Locate the quart of paint that has been supplied by Tippmann Ordnance. Remove the cap off of the quart. Locate the Suicide Vest Paint Injector Cylinder. With the handle of the Injector in the closed position (all the way down) place the Injector end at the base of the quart with some pressure and pull the handle all the way until the stroke is complete.



**Step 3:** With the Injector Cylinder full of paint, take it to the filling port on the back of the vest. Push the tip of the Injector Cylinder into the filling port, with your free hand pull the release on the vest down which should enable the Injector to “click” into place.



**Step 4:** Make sure the Injector Cylinder is firmly in place. Depress the cylinder by pushing the handle down until the handle stops. Once the stroke is complete, release the port release to remove the Injector from the filling port. You have now successfully energized the Suicide Vest with paint.



## Section B: Charging the Vest with CO2:

**Step 1:** With the vest still laid out flat with the back of the vest up as shown in picture above. Connect your CO2 charging tank to the CO2 filling port. Notice the tank has a preset 100lbs. pressure regulator built into the pressure line. Once the pressure line is connected tightly to the CO2 filling port, turn the tank on by screwing the cap clockwise into the top of the CO2 cylinder. A slight hissing sound should be heard once the CO2 begins filling the vest.



**Step 2:** While charging, keep the CO2 charging kit connected to the unit until the sound of pressurized air has stopped completely. Once the sounds of pressurizing air has stopped completely, then turn the handle on the CO2 tank counter-clockwise until the valve stops turning. This will close the cylinder, once it is closed remove the pressure line from the vest. The vest is now filled with paint and pressure and is ready to be deployed on a mission.



## Section C: Operating the SSB-24A (Attacker):

**Step 1:** To effectively deploy and discharge the SSB-24A unit, the attacker should quickly remove/discard the concealment garment and drop his/her right arm straight down to the right side of vest, keeping arm clear of the paint expulsion port on the right side of the vest. Then, while holding the left arm close to the left side of the vest and above the expulsion port, the attacker should depress the trigger/firing button located on the left breast of the SSB-24A Vest.

**NOTE:** Attacker must keep arms clear of the expulsion ports on the right and left sides of the vest during detonation.

## Section D: Cleaning and Maintenance:

The SSU-24A Vest can be cleaned.

**Step 1:** Lay the vest on a flat surface as described in section "A".

**Step 2:** Pressurize the CO2 system as described in section "B".

**Step 3:** Disconnect all three paint system quick connects.

**Step 4:** Connect the paint fill spout to the paint fill port as described in step 3 of section "C".

**Step 5:** Connect a standard garden hose of the SSB paint fill port using the garden hose adapter component that is supplied with the paint fill spout.

**Step 6:** Slowly flush clean water through the entire system (3 tubes) until clean.