



RENDER SAFE PROCEDURE (RSP)

WARNING: ANY VARIANCE FROM THIS MANUFACTURER'S RENDER SAFE PROCEDURES (RSP) CAN RESULT IN DEATH OR SERIOUS BODILY INJURY. This (RSP) is provided by Combined Systems, Inc., in the event of a hand thrown CTS flashbang, multi-bang, or stingball grenade failing to initiate during training or an actual operation. This RSP is intended to be followed by tactical personnel who have successfully completed a certified training program in the use of distraction devices, to include procedures for rendering malfunctioning devices safe. These procedures do not ignore or invalidate other render safe procedures that may be used by personnel trained specifically in rendering safe and disposing of explosive devices.

Recovering Malfunctioning Devices:

- **ONLY properly trained officers** should recover and dispose of any unexploded munitions.
- Wait 30 minutes from the time of the deployment.
- **Wear all tactical personal protective equipment, to include eye protection, ear protection and gloves.**
- If a ballistic shield or riot shield is available, utilize it if possible.
- Observe the device from a safe distance before any removal or recovery attempt to determine the condition of the device or, if possible, the cause of the failure.
- If a **hang fire** condition is observed, use a pole with minimum length of five (5) feet to dislodge the fuze striker from its hanging position and send the striker completely forward.
 - If the device fails to initiate when the striker goes forward, wait another 30 minutes before continuing to the next step.
- If a **hang fire** condition is **NOT** observed, or after waiting 30 minutes from dislodging a hang fire,
 - Safely recover the device for transport.
 - **Do not pick up the device with your hands!** Use a steel shovel with a minimum length of five (5) feet.
 - Place the device in a suitable container for transport. **A BATFE rated explosive magazine is recommended**, however, if one is not available, the container should be plastic and should not be sealed. **Do NOT add water, Do NOT submerge the device in water.** Adding a towel underneath the device inside the container reduces the chance of excessive movement inside the bucket or fragmentation of bucket if the device were to initiate.



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Transporting Malfunctioning Destructive Devices:

- If a BATFE rated magazine isn't available, it is not recommended to transport in an enclosed vehicle. If you are unable to transport the device, call an Explosive Ordnance Disposal (EOD) unit to conduct the RSP.
- Transport to a location where the device can be rendered safe using procedure #1 or procedure #2.

Render Safe Procedure #1 - Model 7290 full size flashbang (ONLY devices manufactured prior to August 2022): If the device was manufactured prior to August 2022, the flash powder is contained in a cardboard tube that will absorb water.

Once device is at your storage location, add enough water to completely submerge it. Leave until flash powder is floating in the water. After approximately an hour, grey flakes of powder can be seen floating on the water. Leave the device submerged for a minimum 24 hours.

WARNING: Do not place the device in a metal container or closed container unless the container is a BATFE rated explosive magazine.

Render Safe Procedure #2 – Model 7290, 7290M, all multi-bangs, sting ball grenades, tear ball grenades and the 201FB Training fuze: All of these devices have waterproof charge tubes and/or other water-resistant materials. Therefore, these devices must be rendered safe ballistically or with a counter charge by EOD from a safe distance. Point of aim should be the top half of the device's body and at its center axis. Ballistically, shooting the device with a .223 or above (recommended projectile heavier than 55gr) should be used. Additionally, the fuze head can be shot to ensure the primer is destroyed. With the 201FB Training Fuze, the fuze body has to be rendered safe ballistically or with a counter charge, as there is no explosive content in the 7290T/7290MT training body.

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WARNING: After RSP on a multi-bang, visually look at all ports to ensure each tube is empty. If any blue caps (LE models) on the multi-bangs or white caps on the model 7290-2s are still present, attempt another ballistic interruption on the device.

If you experience a malfunctioning device, please notify Combined Systems as soon as possible at (724) 932-2177 (factory) or Phil Shingleton, Director of Training, at philshingleton@combinedsystems.com or (571) 420-8531.

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