



**FN303
LESS THAN LETHAL
SYSTEM**

**NDIA SMALL ARMS
SYMPOSIUM**

16 MAY 2002



FN 303 Stand Alone

**JEFF RANKIN
FN MANUFACTURING, INC.**

FN303



Description:

The FN303 is designed to provide a non-lethal / less-than-lethal capability to the military and law enforcement. The pneumatic, 12 gauge, semiautomatic weapon, is fed from a 15 round drum magazine and has a range of 100 meters. This alternative weapon effectively broadens response choices for rules of engagement or use of force.

Features:

- Mode of Operation: Pneumatic
- Ammunition: Fires 12 gauge paint ball-like projectiles (marking, CS, malodorant rounds available)
- Weight: M16 / M4 version approximately 3.5 lbs.
Stand alone version weighs < 4 lbs.
- Length: M16 / M4 version approximately 18 in.
Stand alone version approximately 30.5 in.
- Effective Range: 100 meters

FN303 Authorized Less-than-Lethal Projectile

Fin Stabilized Projectile with Payload Capability

OC (Oleoresin Capsicum)

Color Code: Orange

General Specifications

- Mass: 8.5 grams
- Designated Launch Velocity: 280-300 feet/second



Composition:

- Molded Polystyrene Body
- Granular Bismuth Forward Payload
- Internal divider disc with seal as deemed appropriate
- Rear payload capacity

Rear Payload Definition:

- 95% Propylene Glycol of a non-toxic grade or better.
- 5% 2MM SHU OC Concentrate
- Above materials are compounded with Orange non-toxic dye and/or pigment to color as needed

Decontamination:

OC is a severe irritant. Flush the area with water. Soap and Water may be used for the final cleanup.

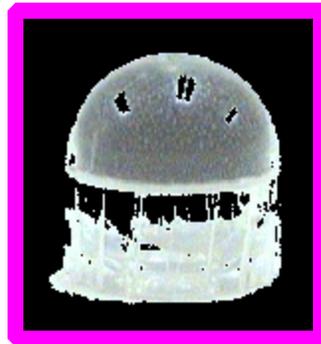
Product Definition

FN303 Authorized Less-than-Lethal Projectile

Fin Stabilized Projectile with Payload Capability

Washable Paint

Color Code: Fluorescent Pink



General Specifications

- Mass: 8.5 grams
- Designated Launch Velocity: 280-300 feet/second

Composition:

- Molded Polystyrene Body
- Granular Bismuth Forward Payload
- Internal divider disc with seal as deemed appropriate
- Rear payload capacity

Rear Payload Definition:

- Fluorescent Pink Pigment suspended in 100% Propylene Glycol Base
- PG grade is non-toxic or better

Decontamination:

Water soluble material. Soap will assist in cleaning but is not a necessity. Dries to a powdery residue.

Product Definition

FN303 Authorized Less-than-Lethal Projectile

Fin Stabilized Projectile with Payload Capability

Training Round

Color Code: Clear



General Specifications

- Mass: 8.5 grams
- Designated Launch Velocity: 280-300 feet/second

Composition:

- Molded Polystyrene Body
- Granular Bismuth Forward Payload
- Internal divider disc with seal as deemed appropriate
- Rear payload capacity

Rear Payload Definition:

- 100% Propylene Glycol of a non-toxic grade or better.
- Clear with no additives.

Decontamination:

Water soluble material. Soap will assist in cleaning but is not a necessity.

Product Definition

FN303 Authorized Less-than-Lethal Projectile

Fin Stabilized Projectile with Payload Capability

Indelible Paint

Color Code: Bright Yellow



General Specifications

- Mass: 8.5 grams
- Designated Launch Velocity: 280-300 feet/second

Composition:

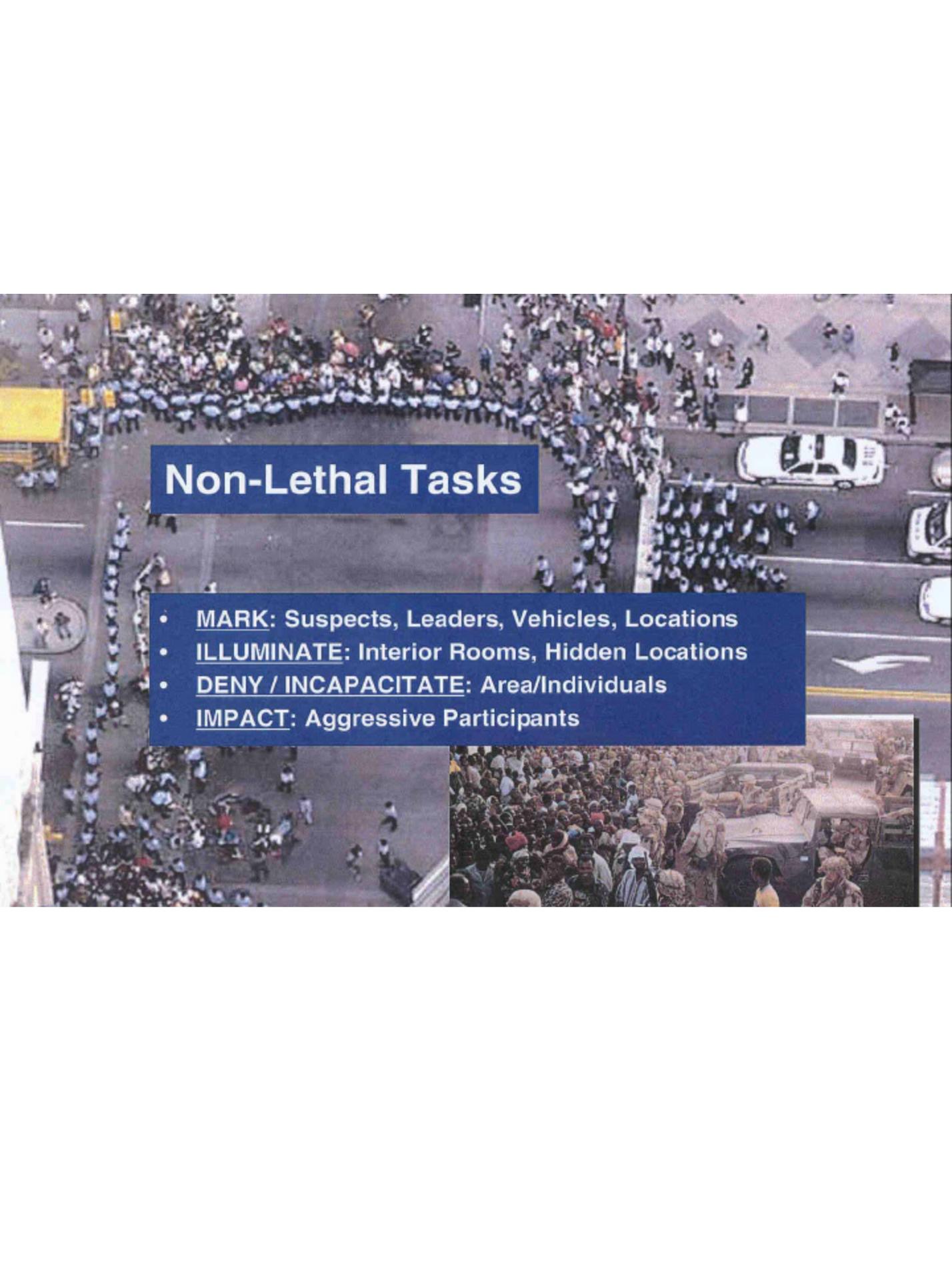
- Molded Polystyrene Body
- Granular Bismuth Forward Payload
- Internal divider disc with seal as deemed appropriate
- Rear payload capacity

Rear Payload Definition:

- Latex based polymeric paint. Becomes an indelible marking compound when fully cured

Decontamination:

Soap and water will cleanup while uncured. Fully cured material requires mechanical or petrochemical solvent removal.



Non-Lethal Tasks

- MARK: Suspects, Leaders, Vehicles, Locations
 - ILLUMINATE: Interior Rooms, Hidden Locations
 - DENY / INCAPACITATE: Area/Individuals
 - IMPACT: Aggressive Participants
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