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## Non Lethal Weapons

There are many conditions under which too much lethal force is not recommended due to many factors. Today there are many low intensity operations that carry the threat of violence and may cause severe damages to soldiers or relief units in the field. The need of a Non Lethal Weapon is becoming more and more necessary to balance between lethality and effectiveness. Before going any further the difficulty to achieve a true NON LETHAL CAPACITY should be underlined . It might be better to call them LES THAN LETHAL . This issue involves very important legal aspects as to the rules to engage opposing rioters with a so called “Non lethal weapon” whereas it might cause severe or permanent injuries .

The ideal Non lethal weapon should incapacitate the threat to the extent that it is not a threat anymore . This incapacitation must be **absolutely reversible and temporary.**

We feel that the best approach to this issue , from the technical point of view , is a pragmatic combination of the following different factors:

- Profitable Cost / effective ratio in order to be distributed in large quantities.
- Easy to handle and use
- Light weight and ergonomic
- Effective ( Non lethal capacity ) within range from 5 up to 50 – 70 meters

In the light of the above parameters we would propose the following technical data to Define an effective and reliable Individual “ NON LETHAL WEAPON “ .

1. Rifle/ shotgun - like ergonomic
2. Non lethal capacity as combination of Kinetic energy and chemical aggressive compound .
3. Semi auto mode only.
4. High tech FCS ( Fire Control System ) for aiming and energy delivery.
5. High tech projectile as combination of delivery of Kinetic energy ( below of the killing or permanent injury level) and chemical aggressive compound ( OC , CS , CN 9 .