

A Concept of Non-Lethal ammunition for machine guns

Within this presentation the concept of a Non-Lethal medium calibre ammunition will be proposed. This type of ammunition is designed to be fired from machine guns, which are currently used by the armies on armoured vehicles.

Therefore development of new delivery systems i.e. grenade launchers or mortars can be avoided thus by using the entirely generic accuracy of existing machine guns.

We suggest the smallest feasible calibre which still allows an optimised ammunition design.

The basic technologies currently available will be discussed regarding their respective application towards a “non-lethal” ammunition.

Based on these technologies we will propose an appropriate ammunition configuration and highlight on missions in different scenarios.

Keywords:

Non-Lethal ammunition

Medium calibre

Existing machine guns

Available technologies