Hazards of inappropriate fuzing design
or

An accident waiting to happen

-Inappropriate design

-Poor workmanship

-Inappropriate stockpile management

”Limited media coverage”

13:th of September 2003

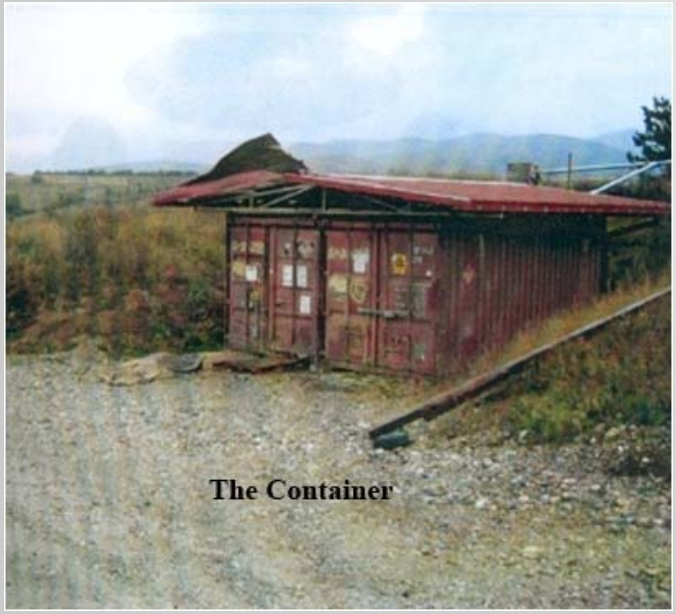
What happened?

What happened?

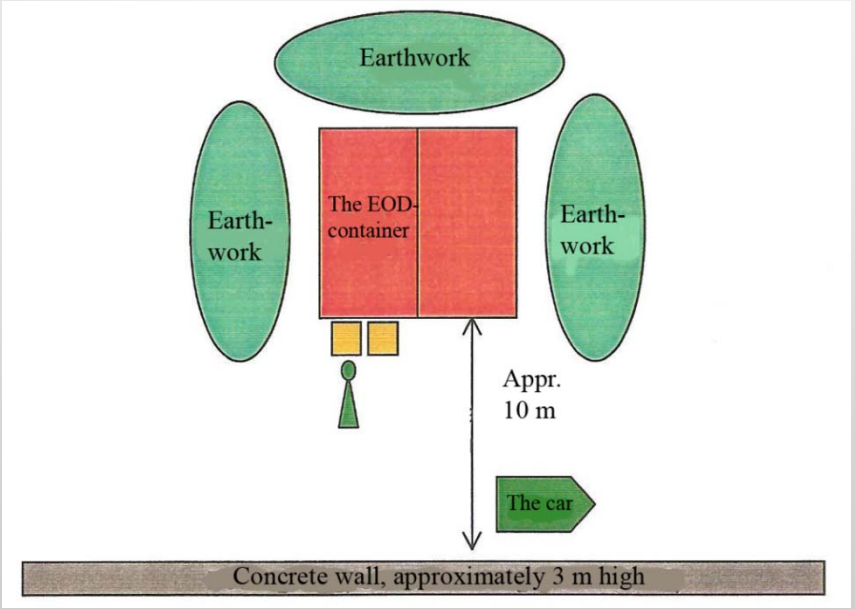
Fragmentation parts from the warhead!?

The Scene of the Accident (II)

Photo of the Scene



Sketch of the Scene

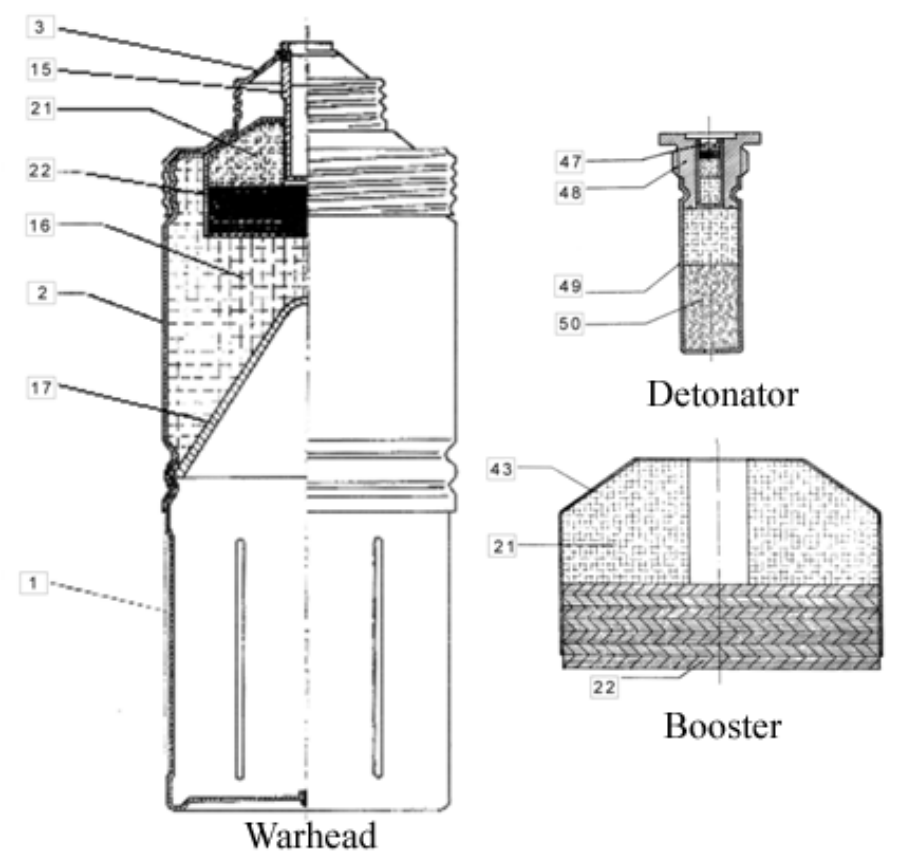


The Anti Tank Hand Grenade m/79

Ammunition Data

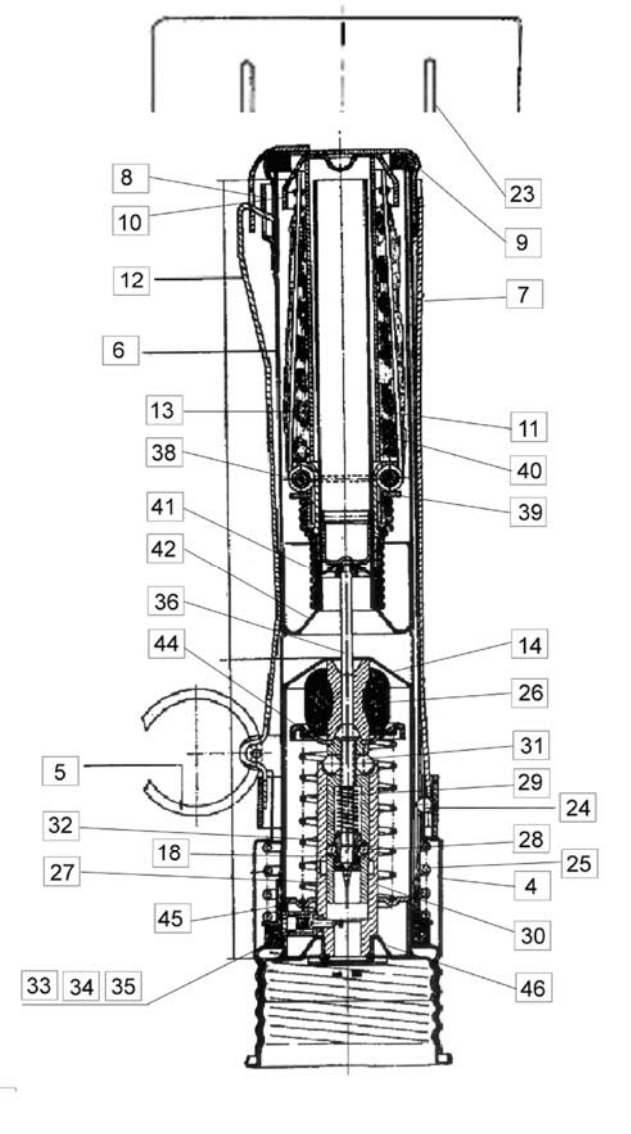
- Type: Hand Grenade Antitank
- Type of fuze: Quick / Point detonating
- Main output: Penetration 220 mm
- Additional output: Fragmentation
- Effective fragmentation distance: 20 meter
- Danger area: 70 meter
- Throwing distance: 25 m
- Arming distance: 0 m
- Length: -
- Diameter: -
- Colour: Green or black
- Weight: 1.1 kg

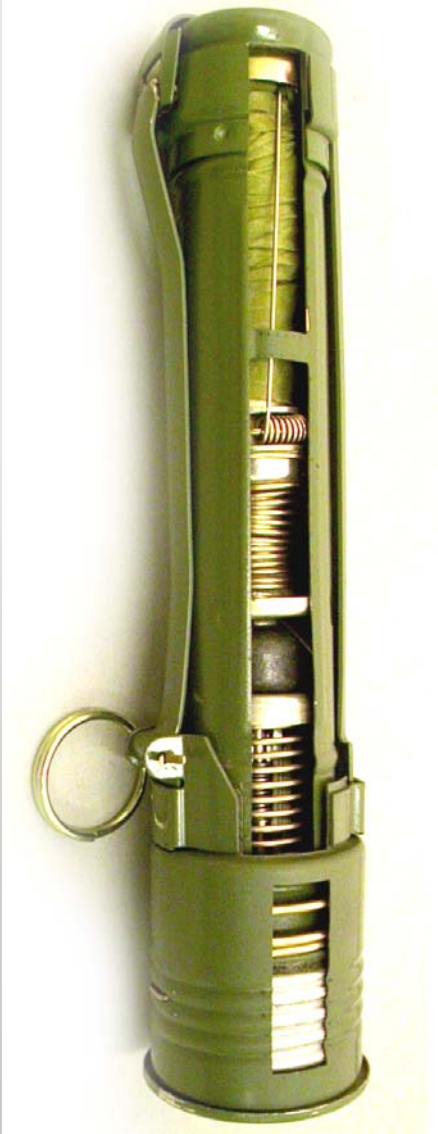
Constituents in the Warhead



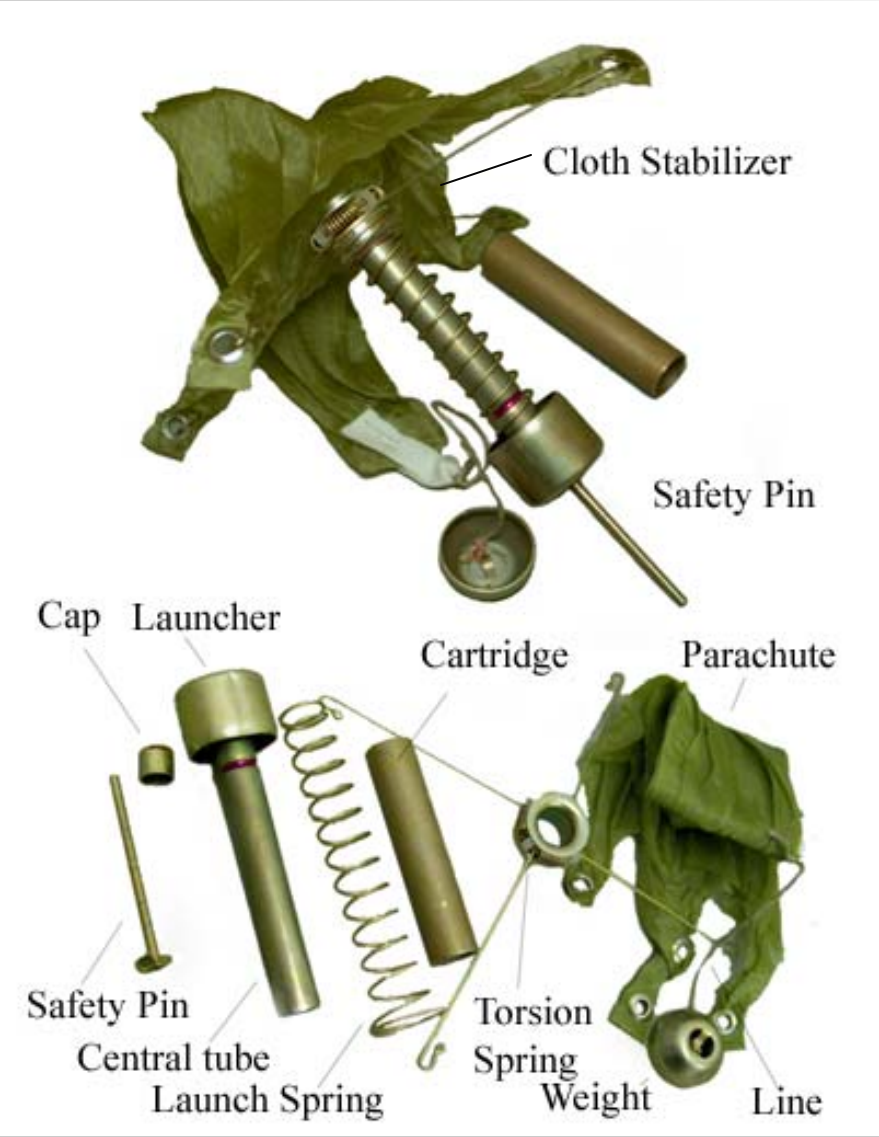
Constituents in the Handle

The Handle - Open View

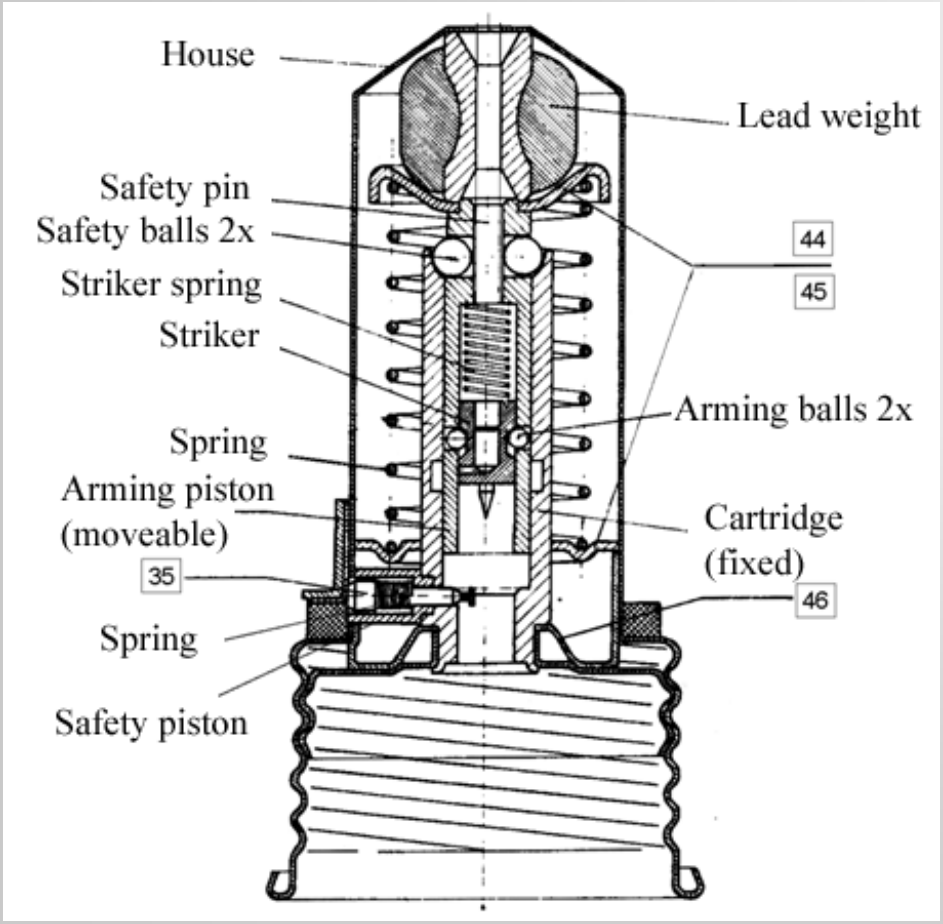




Constituents in the Parachute Assy



Constituents in the Fuze



Abstract

- The accident would most likely be classified in the category “Human error” by the “Geneva International Centre for Humanitarian Demining”
  - That is the most common cause to explosive events at ammunition depots, > 25 %
- To the EOD-instructions
  - treat it as if it is armed
  - don´t try to retake it (take apart the handle)