

Swedish Fire Control System Development

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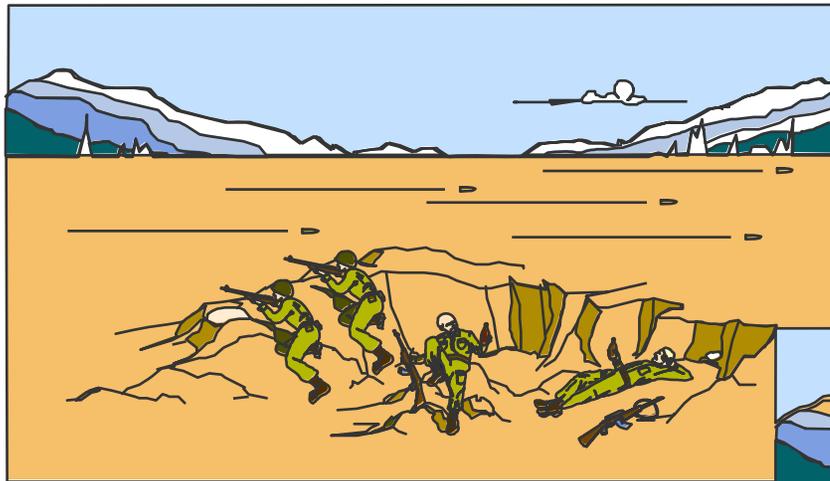
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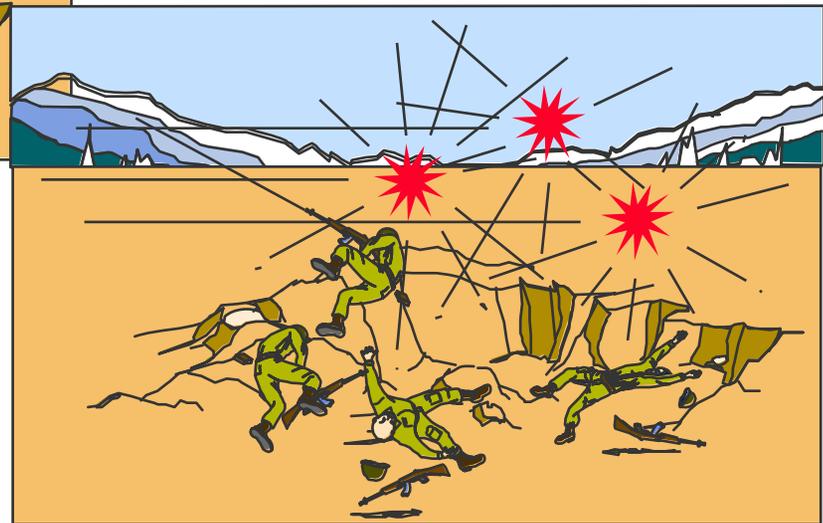
Web-site: www.fmv.se



There is no hiding from programmable ammo !



KE ammo can only **suppress** personnel in defilade!

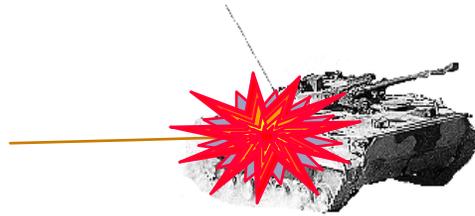


Programmable ammo **kills!**

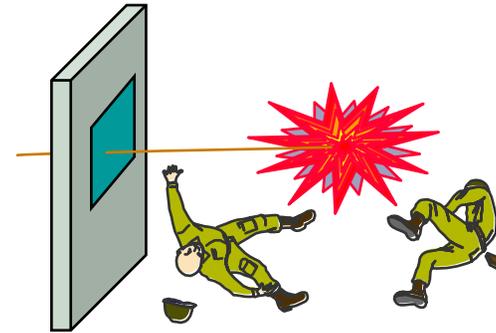
Air burst is only *one* of the modes



Air Burst



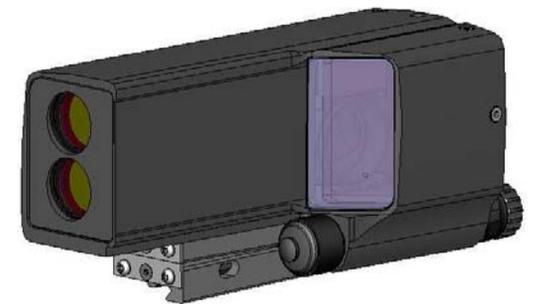
Point
Detonating



Point
Detonating
Delay

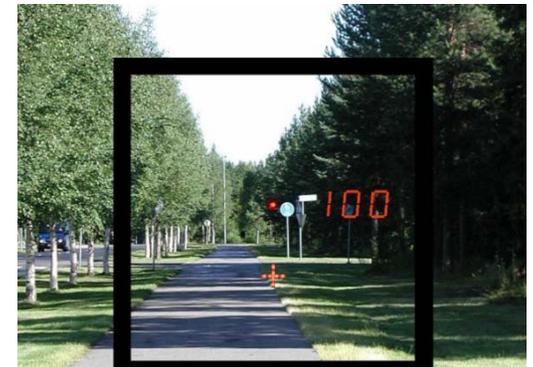
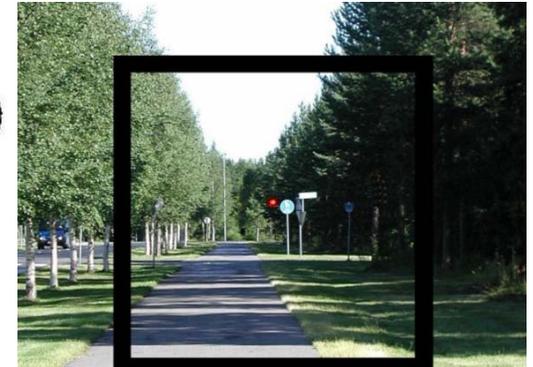
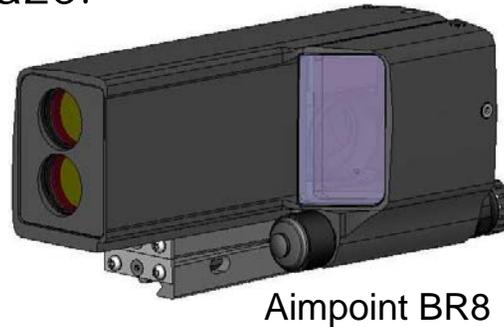
Swedish FCS development

- ▶ Trials with AGL's with different FCS's, and a market study have shown that currently there is no simple, lightweight, robust and affordable FCS available.
- ▶ Sweden has therefore decided to develop a FCS with industry for use with underslung grenade launchers, AGL's and 84mm Carl Gustaf recoilless rifles.
- ▶ A PDF study was done in 2002.
- ▶ A development contract was placed with Aimpoint in 2005.
- ▶ Delivery of prototypes in August -07.



Requirements for Swedish FCS

- ▶ Red dot for aiming and laze.
- ▶ Moving cross.
- ▶ No magnification.
- ▶ No moving parts.
- ▶ Large field of view (20°)
- ▶ Easy to use and fast.
- ▶ High contrast in display.
- ▶ All information in display.
- ▶ Accurate when ranging.
- ▶ Small and light (less than one kg).
- ▶ NVD compatible.
- ▶ Capability to program ammunition.
- ▶ MIL-STD 1913 rail ("Picatinny rail").
- ▶ "Long" battery life (more than one week).
- ▶ Realistic price.



How it works



1. Aim and measure range



2. Realign and shoot