

Simon (GREM)™ Door Breaching Rifle Grenade



Break through a variety of doors safely and maintain the element of surprise

Benefits

- Stand-off door breaching
- Increases the element of surprise
- Increases force survivability
- Minimizes collateral damage
- Simple to operate
- Easily adaptable to a variety of rifles
- Effective against variety types of doors

MOUT Scenario

Modern infantry assault troops, when operating in urban areas, often require breaching an entry into buildings; a task which may be critical to overall mission success. In a Military Operations in Urban Terrain (MOUT) scenario, this is a high-risk situation in which the defenders hold almost all the cards.

The Simon rifle-launched grenade has dramatically changed the balance between the attackers and the defenders by greatly reducing the risk of injury to assault forces and minimizing collateral damage, while increasing the surprise of attack.

Simon as a Solution

The Simon is a simple yet effective solution for breaching various types of doors. It is fired from a distance of 15-30 m (12.5 m for Simon 120 / GREM) from an ordinary rifle using standard live ammunition.

This means that the shooter can fire live rounds immediately after firing the Simon without changing magazines, enabling him to instantly take out threats inside the building.

The Simon may be mounted on a variety of personal assault rifles. It may be launched by firing any of several types of regular 5.56 mm ball ammunition rounds. The bullet impact and the barrel gases thrust the Simon forward.

An inert training version of the Simon is available, which contains no explosives and is fired by blank 5.56 mm impulse cartridges. It is reusable by replacing the stand-off rod.

Simon (GREM)



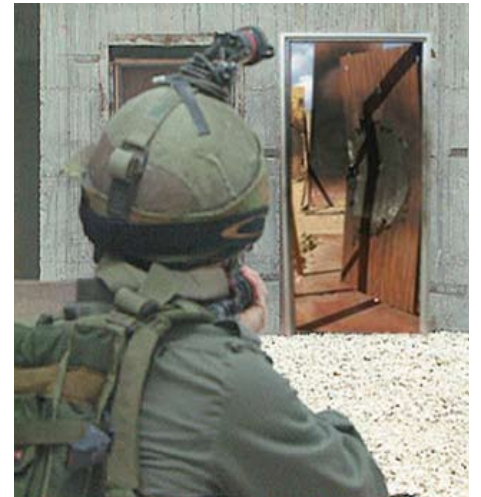
Simon 120
NSN 1330-01-493-8584



Simon 150
NSN 1330-99-549-9832



Inert Simon



Simon Specifications

	Simon 150	Simon 120 (GREM)
Fuse	S&A mechanism with safety distance delay time	S&A mechanism with safety distance delay time
Weight of explosive	150 gr (0.34 lbs) PBXN-109	120 gr (0.26 lbs) PBXN-109
Overall weight inc. stand-off rod	680 gr (1.5 lbs)	620 gr (1.37 lbs)
Stand-off rod length	400 mm (15.75 in)	400 mm (15.75 in)
Overall length	765 mm (30 in)	765 mm (30 in)
Maximum diameter	100 mm (4 in)	100 mm (4 in)
Minimum range	15 m (49 ft)	12.5 m (41 ft)
Storage life - no maintenance	10 years	10 years

The Rifle Grenade

The Simon is a self-contained unit with a specially designed charge in a plastic housing, stand-off rod, stabilizing tail, S&A mechanism and impact detonator. The fuse is armed only after the designated safety distance.

Features

- Insensitive munitions (IM)
- Dedicated impact fuse
- Fired with standard ammunition
- Low recoil (Simon 120 / GREM)



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