

Direct/Indirect Fire Cue Simulator Air Burst



Application:

An "indirect firing" (simulation of artillery and or mortar fire) during force-on-force engagement training demands a visualisation of shells detonating either as ground or airbursts in the assumed combat zone.

Description:

The Air Burst Cartridges can be activated from the Lightweight Gunnery Signature Simulator (LGSS) in either a static (placed permanently on the training ground) or movable configuration (placed on a vehicle) to simulate the effect of artillery or mortar shells, detonating in the air. Ground-bursts can be simulated by firing Main Gun Signature Simulators from LGSS.

Characteristics:

Signature: Launch blast, bright flash, white smoke cloud and loud report.

Sound level

launch: 135 dB at 2m distance

airburst: 140 dB at 18m distance

Altitude: 18 to 20m

Visibility: approx. 3,000m

Safety distance: 50m in firing direction and 1,0m to the sides (ear protection)

Specifications:

Length: 74mm
Diameter: 28mm (middle section)
Diameter: 32mm (bottom)
Weight: approx. 26 gram
Net Explosive Mass: approx. 4 gram

References:

In service with several armies (M31)

Product Code:

9202700

NATO Stock Numbers:

TBA

UN Number:

UN0431

Proper Shipping Name:

Articles, pyrotechnic

Qty. per box	Hazard Class	NEQ (kg)	GR Wgt (kg) approx.	Vol m ³ approx.
360	1.4 G	1,44kg	20,0kg	0.050m ³