

84 MM CG GRENADE LAUNCHER PYROTECHNIC TRAINING SHOT DANGER ZONE TEST PROTOCOL



Tallinn, Männiku, DL Tallinn District shooting range

Place of performance: 19.10.2021 from 17.45 to 18.30

Weather: temperature 4 C; east wind 2 m/s, 1020.5 hPa

The weapon is the Carl Gustav M3, the charge of 15 g of the pyrotechnic mixture is used, the firing position is from the knee.

Balloons filled with helium; diameter 300 mm, supplier One Pro OÜ.

Balloons initially fixed at a height of 1.3 m (measured from the upper edge of the ball) at intervals of 5 m in front of and behind the shooting point: 5 m, 10 m, 15 m, 20 m.

In subsequent shots, balloons were also placed at distances of 2.5 m in front and 7.5 m behind.

Distances measured with a mechanical measuring wheel.

Performed by: Aivar Rauam Defforce OÜ, Tallinn District, Mark Eikner Defforce OÜ, Andrea Zuravljov DL Harju District

Results:

1st shot - the front 5 m broke, 10 m intact; rear 5 m intact.

2nd shot - the front 7.5m broke, 10 m intact; rear 2.5 intact.

3rd shot - the front 10 m intact; rear 2.5 m broke, 5 m intact.

4th shot - the front 7.5 broke, 10 m intact; rear 2.5 intact.

5th shot - the front 15 m intact; rear 5 m intact.

Based on the tests performed, the CG pyrotechnic training shooting danger zone may be defined as 10 m in front of the weapon and 5 m behind the weapon on either side of the 15-degree sector axis.

Signatures

Aivar Rauam Defforce OÜ, Cpt Tallinn District

Mark Eikner Defforce OÜ

Andrea Zuravljov District Member DL Harju District