

Featured Equipment: The “Valkyri-5” 107mm Multiple Rocket Launcher

The Valkyri-5 is a South African Multi-Barrel Rocket Launcher (MBRL) developed in the 1980s by Mechem. The Valkyri-5 is based on the Chinese Type 63 multi-barrel rocket launcher system.

The launcher has 12 tubes arranged in three lines of four tubes each. All the tubes are parallel to each other and mounted coaxially on a cradle.

The launcher is mounted on a rubber-tire split pole type

carriage and can be towed by a number of vehicles. It is a barrage weapon used against personnel and material. Several designs of single tube launcher are also available for quasi-guerrilla operations.

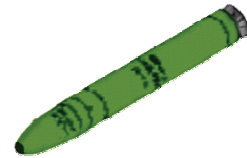
The wheels are removed for firing, the launcher resting on the two legs at the front and the trails

The RO107 is a South African rocket developed in the 1980s by Mechem for use on the Valkyri-5. The RO107

rocket is based on the Chinese Type 63 multi-barrel rocket launcher system's rocket. The RO107 spin-stabilized rocket is electrically initiated and fitted with an UHF proximity fuse.

The Valkyri-5 was fielded in 1987 and 1988 by the South African Defence Force (SADF) in South West Africa.

Also see http://en.wikipedia.org/wiki/Type_63_multiple_rocket_launcher



RO107 rocket

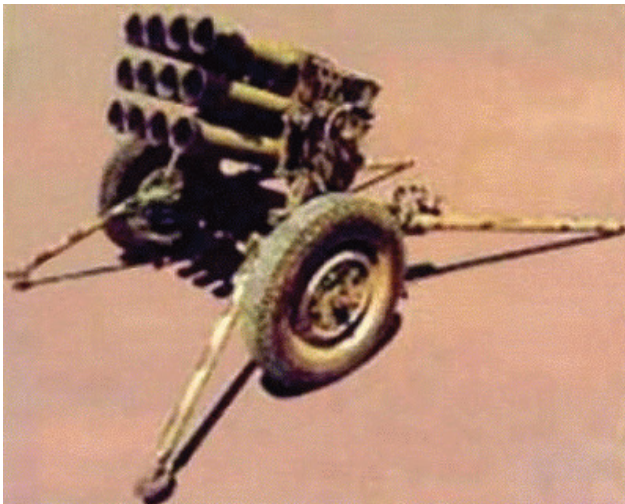
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Specifications

Country of Origin:	South Africa
Caliber:	106.7 mm (4.21 in)
Weight:	602 kg (1,327 lb)
Chassis Length:	2.90 m (9 ft 6 in)
Height, Overall:	0.91 m (3 ft)
Width, Overall:	1.65 m (5 ft 5 in)
Crew:	4
Minimum Range (HE):	1 500 m (1640 yards)
Maximum Range:	8 500 m (5.28 miles)
Rocket Length:	0.84 m (2.76 ft)
Rocket Weight:	19 kg (41.9 lb) rocket with a 1.3 kg (2.9 lb) HE fragmentation warhead
Muzzle Velocity:	385 m/s (1,260 ft/s)
Elevation:	-3° to +57°
Traverse:	32°
Rate of Fire:	Ripple of 12 rounds in 6 seconds

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