



Tactical Specifications (Basic TOOPHAN)

Basic Toophan missile is one of the most advanced anti-armor guided missiles of the world, capable of destroying stationary and moving targets. The Toophan missile system uses semi-automatic command to line of sight guidance, that is to say, the operator shall simply keep the cross-hair of the launcher's camera on the target until the missile hits it. During the flight, control commands are sent automatically to the missile by the Missile Guidance Set (MGS). This missile can also be fired from Cobra helicopters.

Tactical Specifications (TOOPHAN 3-M)

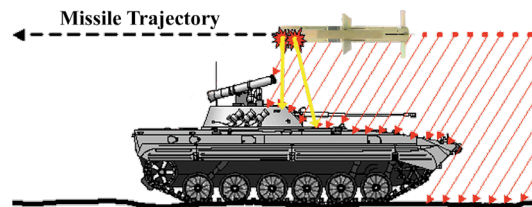
"Toophan 3-M", that is an anti-tank missile with top attack capability, can be used against the modern armors of the world. This missile hits the most vulnerable point of the tanks as well as targets hidden behind the embankments and destroys them.



Basic Toophan



Toophan 3-M



TECHNICAL SPECIFICATIONS

Type	Basic Toophan	Toophan 3-M
Penetration Depth (mm)	650 (No ERA)	Min. 150
Min. & Max. Range (m)	100-3750	100-3750
Guidance	SACLOS	SACLOS
Warhead	shaped charge	2 EFP
Warhead Weight (kg)	3.6	2 x 2
Missile Weight (kg)	18.5	21.5
Missile Length (cm)	117	117
Missile Diameter (cm)	15.3	15.3
Time of Flight (Max. range) (sec)	19	21
Average Velocity (m/s)	178	178
Rate of Fire	1-2 rounds per minute	1-2 rounds per minute
Operating Temperature(°C)	-32 to +60	-30 to +50