

Topol-M

Designation::

Russian: RT-2UTTKh «Topol-M»

START-1 Treaty: RS-12M2

NATO: SS-27 Sickle-B

Classification: **Intercontinental ballistic missile (ICBM)**

Technical characteristics

Length	22.7 m (74.47 ft)
Diameter	1.86 m (6.1 ft)
Weight	47,200 kg (104,000 lb)
Number of stages	3
Throw-weight	1.2 tons
Fuel	solid propellant



Specifics

- Shorter and flatter acceleration trajectory stage
- Capable of making evasive maneuvers to avoid a kill by terminal phase interceptors, and carries targeting countermeasures and decoys

History:

Designed and developed by the Moscow Institute of Thermal Technology in late 1980s

First flight tests in 1994 Put into service in 1998

As of December 2008, the Russian Strategic Missile Forces (SMF) deploy 48 silo-based and 12 mobile Topol-M systems

Combat characteristics:

Warhead: single nuclear with 550 kT yield

Circular error probable (CEP): 200 m Max range:

10,500 km (6,500 miles) Work is underway to equip Topol-M missiles with MIRV warheads, each capable of carrying up to six multiple independently targetable reentry vehicles

