



## GUIDED MISSILE ATAKA-BM

The missile is created on the basis of missile 9M114 that is equipped with the units as below:

- newly developed and manufactured hardware (equivalent to the hardware of missile 9M120F in terms of functions and design);
- Booster and sustaining engines used in missile 9M120F.



The missile is intended for firing from the systems as below:



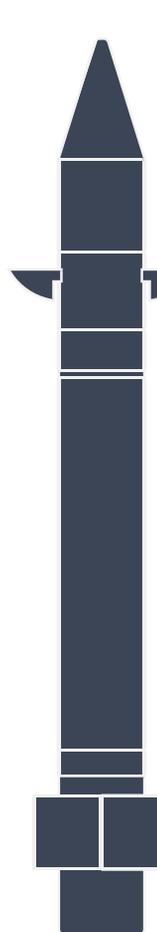
"Shturm-V"  
(Made in Russia), to be installed on  
helicopters



"Shturm-S"  
(Made in Russia), to be installed on  
combat vehicles



**ATAKA-BM is most effective  
when used at ranges from  
800m to 6,000 m**



**Armor piercing warhead**

(9N132 warhead of 9M114 missile)



to fight against tanks of any type

**High explosive  
fragmentation  
warhead**

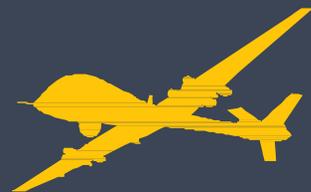
(equivalent to the warhead of  
missile 9M120F-1)



to fight against firing posts, light armored and non-armored  
vehicles, aircraft vehicles, troops in covered positions.

**Fragmentation continuous-  
rod warhead and non-contact  
laser fuse**

(equivalent to the warhead of missile 9M2200)



to fight against aircraft vehicles

*The cost of the missile is reduced due to the maximum use of 9M114 missile components;*

*The parameters of 9M114 missile are preserved:*

- *Supersonic flight speed both at line-of-sight trajectory and at the trajectory above the line-of-sight;*
- *Different types of warheads;*
- *Jamming-resistant command radio line (CRL) for control (millimeter wave band);*
- *It is possible to fire the missile from loess soil due to the flight trajectory above the line-of-sight;*
- *Time for missile launch is less than 1 sec.*

*Increased range of missile flight (up to the level of 9M120F missile).*



## PERFORMANCE SPECIFICATIONS of Missiles of ATAKA-BM & ATAKA-BM-1 Type

Minimum firing range	400 m
Maximum firing range	6000 m
Missile flight speed	supersonic
ATAKA-BM warhead	armor piercing
– Armor-piercing effect	(– 560 (650) mm at 90°, 280 mm at 60°
ATAKA-BM-1 warhead	High-explosive fragmentation
ATAKA-BM-2 warhead	tandem cumulative
– Armor-piercing effect	800 mm homogeneous armor
Missile control system	Radio commands; the system includes the receiver of radio command line and responder unit with pulsed tube located in missile instrument section
Probability of target killing	0.65-0.9
Missile combat altitude	0...4000 m above sea level
Time of storage in pod	10 years
Temperature range	from -50 to +50°C

### Flight speed:

Average	400 m/sec
Maximum	550 m/sec

### Time of flight:

4000 m	max 10 sec
5000 m	12.5 sec

### Weight:

Missile	42,5 kg
Pod with missile	49,5 kg

### Missile dimensions:

Warhead caliber	130 mm
Length (in pod/in flight)	1830/2100 mm
Wing spread	–468 (300) mm

### Pod dimensions:

Length	1832 mm
Width	330 mm
Height	370 mm



## Supply set



The supply set of the missile can include as well:

### **Training simulator guided missiles**

#### **ATAKA-BM-PRAKT & ATAKA-BM-1-PRAKT**

(with dummy warhead intended to train the operators on missile launch in real conditions);

### **Training hardware in the loop missile**

#### **ATAKA-BM-UCHEBN**

(with dummy components as follows: warhead, engine, gas generator and booster engine – intended for training on the testing procedures using the standard test and control equipment of “SHTURM” system).

### **Training dummy missiles (equivalent to the real missiles in terms of size and dimensions)**

#### **ATAKA-BM-MAKET, ATAKA-BM-1-MAKET**

(intended for training on the maintenance procedures on carrying combat vehicles).