

# Russia's Zircon hypersonic missile

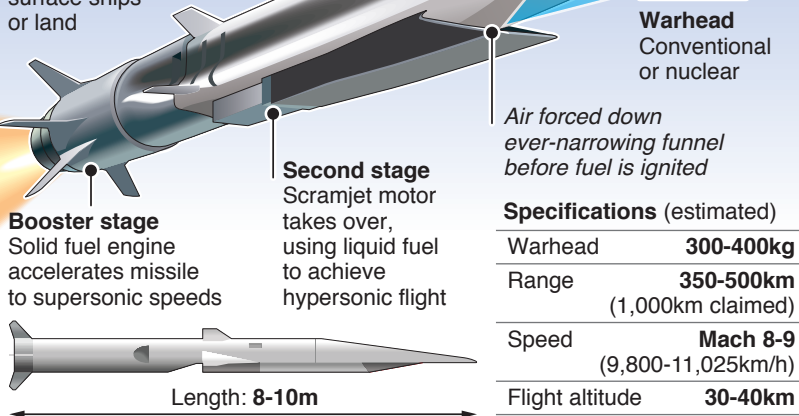
The Zircon's hypersonic speed – reportedly nine times the speed of sound – could mean greatly reduced reaction time for air defences

## ZIRCON HYPERSONIC CRUISE MISSILE (NATO name SS-N-33)

**Role:** Anti-ship/ground attack

### Launch platforms

Submarines,  
surface ships  
or land



### Specifications (estimated)

Warhead	<b>300-400kg</b>
Range	<b>350-500km</b> (1,000km claimed)
Speed	<b>Mach 8-9</b> (9,800-11,025km/h)
Flight altitude	<b>30-40km</b>

## MISSILE TRAJECTORY

### Conventional ballistic missile

Easier to predict and intercept

### Hypersonic cruise missile

Hard to detect, track and intercept

**Earth's atmosphere**  
(100km)

**Launch site**

**Target**