

U.S. to deploy anti-missile system in S. Korea

The Pentagon says it is planning to deploy a THAAD defence system to South Korea to protect against any North Korean missile attacks

TERMINAL HIGH ALTITUDE AREA DEFENSE (THAAD)

1 AN/TPY-2 radar

X-band antenna scans horizon for missile threats

2 Mobile command centre

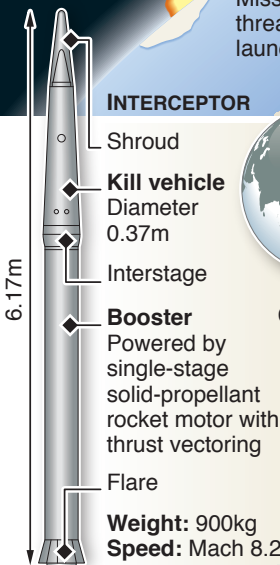
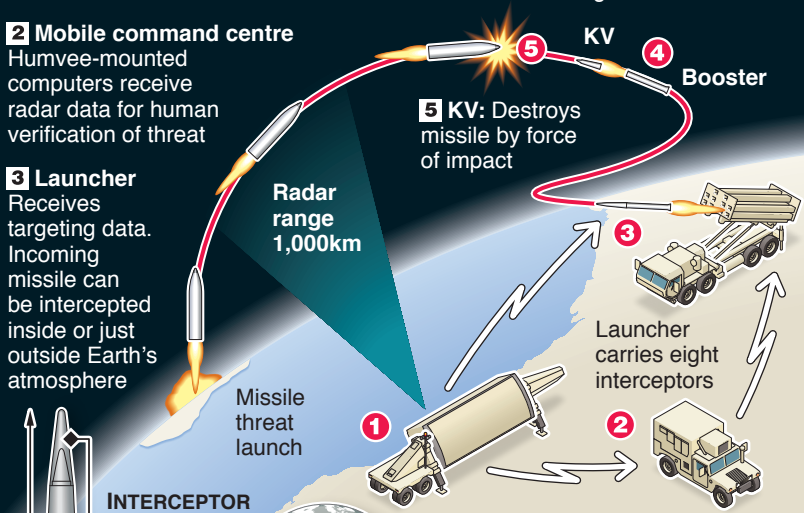
Humvee-mounted computers receive radar data for human verification of threat

3 Launcher

Receives targeting data. Incoming missile can be intercepted inside or just outside Earth's atmosphere

4 Interceptor: Booster separates from kill vehicle (KV), which homes in on missile using infrared seeker

5 KV: Destroys missile by force of impact



CHINA

THAAD radar range
1,000km

NORTH KOREA

RUSSIA

SOUTH KOREA

JAPAN

THAAD intercept range
200km

300km
200 miles