

XM 982/EXCALIBUR

KEY FEATURES

XM/982 EXCALIBUR is a 155 mm trajectory correctable artillery shell. When EXCALIBUR reaches its apogee it glides to the assigned target. The rear section of EXCALIBUR is equipped with a base bleed aggregate and rotating stabilisation wings. Four canard wings give the system accurate trajectory guidance.

EXCALIBUR can be programmed for airburst, point and delay detonation. The shell can deliver different types of warheads and has a range of approximately 60 km.

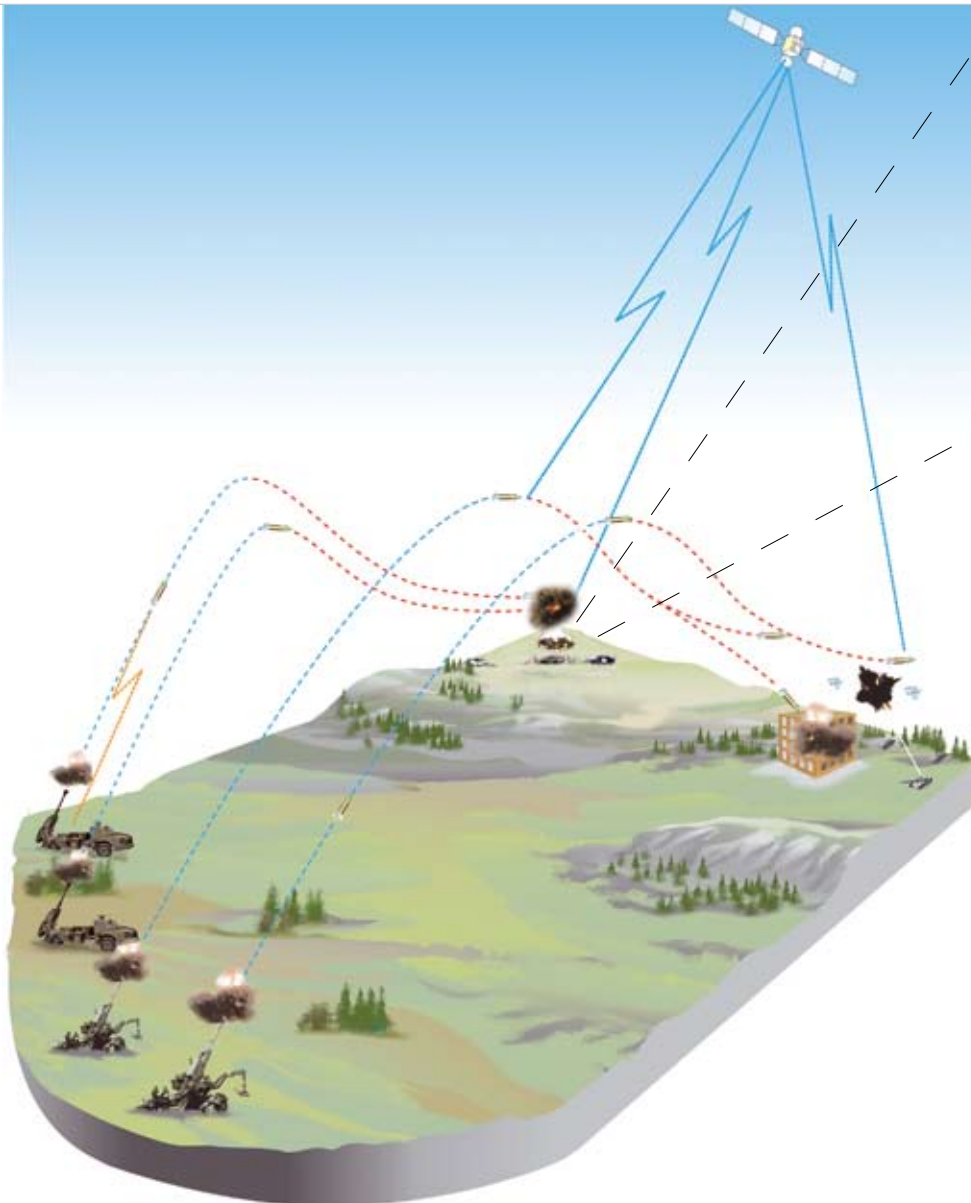
Significant features:

- Precision and effect regardless of range
- CEP less than 20 m
- Possibility to abort mission after firing
- Compatible with both L/39 and L/52 calibre guns





EXCALIBUR PRINCIPLE



The shell has an in-target Circular error of probability (CEP) less than 20 m regardless of range, which affords possibilities to defeat point targets and to reduce safety distances.

EXCALIBUR is prepared, programmed and fired just like a conventional shell. The glide-flight to target starts after reaching the apogee. The shell is corrected in flight towards the pre-programmed trajectory by the GPS-supported navigation and guidance system. It is possible to abort the mission or update target co-ordinates in the terminal phase of the trajectory.

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