

Ukraine to receive long-range rockets

Ukraine has secured new weapons pledges to include longer-range missiles in a co-ordinated action between the U.S., France and Italy



GROUND-LAUNCHED SMALL DIAMETER BOMB (GLSDB)

Guidance: GPS/INS.

GPS satellite signals to inertial navigation system

Length 1.79m

Weight 129kg

M-26 rocket motor: Propels GLSDB around 32km

Penetration: ~1.8m of reinforced concrete

Pop-out wings: Deploy for final unpowered run-in to target

Warhead: Steel penetration casing with 22.7kg of explosive

Range: 150km – greater than 227mm artillery rockets available for M270 and M142 HIMARS

Warhead:

15kg with 2m lethal radius



Jointly developed by France and Italy

ASTER 30 AIR DEFENCE MISSILE

Surface-to-Air

Medium-Range/Land-based

Guidance: Inertial guidance with uplink for refreshed target data up to mid-course, active radar homing

Range: Up to 150km

Speed: Mach 4.5

Length 4.9m

Weight 430kg

Diameter 180mm

Engine: Solid propellant two-stage motor