

FULGUR

NEW VSHORAD MISSILE



Very short range solution for mobile and quick reaction air defence. Designed to face key targets such as fighters, helicopters, UAV and cruise missiles with an intercept range compliant to NATO standard for V-SHORAD systems.

Man-portable ammunition, operable both as shoulder launched (MANPADS) and vehicle mounted. Smooth integration both on current and near future platforms equipped with automated turrets (ie. Iveco Defence VTLM2 and Armoured Infantry Combat System by Leonardo/Rheinmetall).

It is suitable for para-troops and amphibious forces, while giving tactical advantage when mounted on military vehicles.

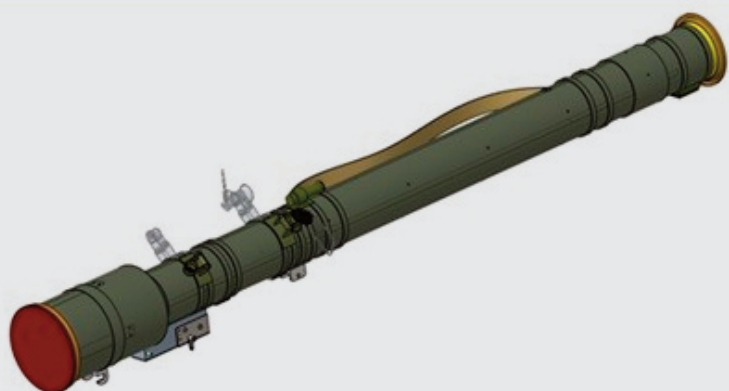
FULGUR can be integrated in multi-layered air defense structures providing anti-aircraft missions covering blind areas of GBAD systems.

Operational characteristics

- **Weapon system to face threats such as fighter helicopters, UAS Class I, subsonic cruise missiles.**
- **High mobility and protection of the firing post.**
- **Intercept range compliant with NATO standard for VSHORAD systems (5km).**
- **All weather, day and night operations and in all climate zones.**
- **Robust against counter-measures, thanks to a new generation electro-optical seeker and associated image processing features.**

GROUND BASED AIR DEFENCE

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Operational features

- Fire and forget
- Supersonic maximum speed
- New generation electro-optical seeker and associated image processing
- Lock-On Before Launch
- Interoperable with other air defence units
- 'Stop-and-fire' and 'fire-on-the-move' engagement capabilities when integrated on military vehicles

Composition

The MANPADS is composed of:

- Gripstock
- IFF
- EO sensor to facilitate operator acquisition
- Processing unit

The vehicle mounted configuration is mainly composed of:

- Remoted controlled automatic turret with four missiles 'ready to fire'
- EO sensor and IFF
- Processing unit

Technical characteristics

- **Weight:** 10kg class missile
- **Length:** 1,500mm class missile
- **Diameter:** 70mm class missile
- **Speed:** Supersonic

