



VL MICA

SHORT RANGE GROUND BASED AIR DEFENCE SYSTEM

Vertical Launch MICA deploys the MICA fire-and-forget missile which is the only missile in the world capable of being fitted with either a passive IIR or an active RF seeker.

This unique capability ensures an outstanding kill probability. The 360° system is particularly effective against saturation attacks carried out by low signature targets such as guided bombs and missiles (including cruise missiles). VL MICA's performance ensures area defence of highly sensitive civilian or military assets as well as support for deployed land forces.

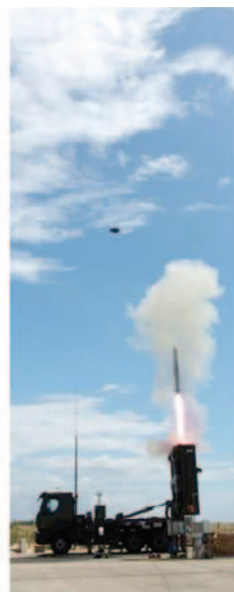
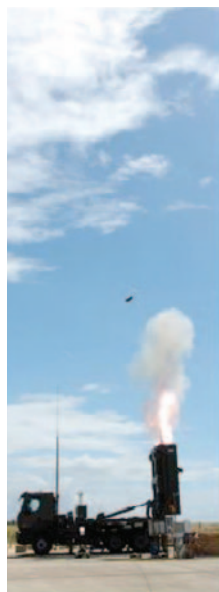
Operational advantages

- All-weather
- Fire-and-forget
- IIR and RF seeker options
- Salvo firing (1 x launcher = 4 x missiles, 4 different targets in 6 seconds)
- 360° coverage (vertical launch)
- 10 minutes for full deployment
- 15 minutes for launcher reload (two operators)
- Three operators for permanent control of a complete operational unit (platoon)

GROUND BASED AIR DEFENCE

MBDA contacts

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Effectiveness

- Interception range: up to 20km
- Interception altitude: up to 30,000ft

Lethality

- 12kg focused fragmentation warhead
- Impact/proximity radar fuze
- Optimised triggering

Aerodynamics

- Thrust vector control
- Long chord wings
- Outstanding manoeuvrability

Logistics

- Missile totally protected from external environment (sealed container)
- No preventive maintenance required (one check every five years)
- Shelf life: 25 years
- Built-in test in each vehicle plus remote monitoring from the TOC

Features

- Fire-and-forget
- All-weather
- Anti-saturation attack
- Based on the extensively proven, air-to-air MICA RF and IR missiles

Missile characteristics

Weight:	112kg
Length:	3.1m
Diameter:	160mm

