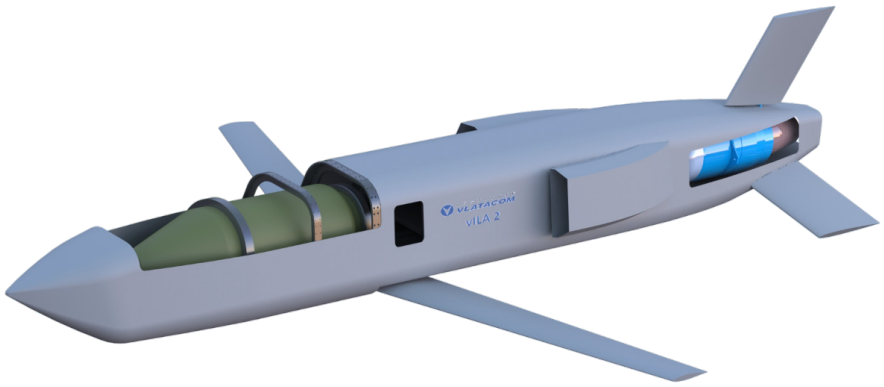
office@baascorp.com

DEVELOPMENT

VILA 2

Unmanned aerial vehicle



VILA 2 is a sophisticated and complex air to ground weapon system based on modular concept of unmanned aerial vehicle/cruising missile for action against the enemy at middle and long ranges in conditions of complex air defense.
Modular concept enables the use of different types of guidance and various types of warheads according to target category.
Basic guiding principles are: programmed flight to target area based on GNSS/INS technology and radar altimeter, guidance based on optoelectronic system and two-way radio data link in target area, guidance based on optoelectronic system supported by artificial intelligence and autonomous target recognition.
VILA 2 is launched from fighter aircraft, with possibility of carrying multiple weapons.
VILA 2 warhead is equipped with vAF-M17/vFI-17 fuzing system. Missile has loitering capabilities, long range and high accuracy.

- Length: 4,5m (without booster)
- Wingspan: 2,7 m
- Operating height: 50 m up to >7000m
- Cruise speed: 0.75-0.8 M
- Warhead: 300 kg, various types
- Propulsion: turbo fan /turbo jet engine
- Start: released from aircraft or with help of booster motor from launching tube
- Range: ≤300 km (+ Loitering function)