



PASARS BOFORS / MISTRAL 3+ / Strela-2M/Strela-2MA / Malyutka 2T5



PASARS – Anti-aircraft self-propelled artillery rocket system is a hybrid combat system made of anti-aircraft gun 40mm L/70 BOFORS, integrated at the driving base of the FAP 2228 off-road vehicle, 6x6. It is intended for protection of the land forces during marching position and during combat actions, as well as for protection of important facilities and installations from air attacks (cruising missiles, helicopters, unmanned aerial vehicles (UAVs) and low altitude aerial vehicles). It contains four portable anti-aircraft artillery-missile complexes: BOFORS 40mm L/70, Mistral 3+, Strela-2M or Strela-2MA and Malyutka 2T5, as well as: short-range radar RPS-42 and Counter-UAV jammer.

BOFORS 40mm L/70: Vertical range: 8800 m, max. efficient firing distance: 3.700 m, maximum target speed: 500 m/s, caliber: 40 mm.

MISTRAL 3+: Target firing height: from 5 to 6000+ m, target firing distance: 500 to 7500+ m, maximum target speed at leaving/reaching: 800/300 m/s, missile mass in combat position: 19,8 kg, missile caliber: 90 mm, missile length: 1880 mm.

Strela-2M/Strela-2MA: Target firing height: from 50 m to 2.300 m, target firing distance: 500 to 4.200 m, maximum target speed at leaving/reaching: 400/320 m/s, weight in combat position: 15 kg, caliber: 72mm, length: 1500 mm. Homing head: dual-mode passive photo-contrast/IR seeker. Fuze: contact/proximity fuze. The main improvements compared to Strela-2M and other previous similar systems are new seeker and proximity fuze.

Malyutka 2T5: Min.-max. range: 750 - 5000 m, min.-max. firing distance the moving target: 750 - 4500 m. Max. lateral speed of moving target 10 m/s. Warhead is tandem shaped-charge, over-caliber. Warhead penetration: 1000 mm behind ERA. Weight max: 26 kg. Missile caliber: 125 mm, length: 1700 mm. Warhead caliber is 142 mm. Guidance is SACLOS. Controls is via radio link.

RPS-42: It is a short-range radar, that can detect, classify and track all types of aerial vehicles – combat helicopters, UAVs, transport aircraft, etc, at tactical ranges, at altitudes from 10 – 10000 m within radius of up to 30 km – with emphasis on all types of UAVs, from micro and mini (groups 1-3) to the medium and large (groups 4-5).

The RPS-42 is a member of RADA's Multi-Mission Hemispheric Radar (MHR) family, enabling advanced force and border protection solutions.

Counter-UAV JAMMER: C-UAV jammer is designed to neutralize the flight unauthorized drones by jamming their communication signals and/or GNSS subsystem. Operational range: 400 – 6000 MHz. The highest power is 50 W. The lowest power is 20 W.

