

## “PEGASUS” UNMANNED AERIAL VEHICLE



Pegasus is a multipurpose intelligence-reconnaissance and combat remotely piloted aerial vehicle with the operational radius of 200+ km with the maximum payload weight of 54 kg (max. take-off is 265 kg). It can be used for intelligence, surveillance and reconnaissance missions, laser designation and targets tracking, artillery fire correction, impact effects assessment, etc. Together with the armament system the Pegasus may conduct precise actions on the ground. Flight duration is up to 10 h. Take-off and landing are completely autonomous. Also, it has integrated function of rescue and return to the base location. The PEGASUS system operational set is made of: three remotely piloted aerial vehicles with transport cabins, Ground control station, Retranslation station, Remote video terminal and logistics equipment.

RASH - 2M is a set for conversion of mortar mines into cost-effective, high-precision guided ammunition intended for actions against small to medium large threats. The system is compact so to enable its use in most of aviation and helicopter platforms as well as in unmanned platforms such as PEGASUS.

### TECHNICAL CHARACTERISTICS:

Wing span:	1m
Guided ammunition weight:	14.5 kg
Maximum launching altitude:	14.5 kg
Ranges for:	Launch altitude 1,5 km: 4.5 km Launch altitude 3 km: 9 km Launch altitude 4,5 km: 13,7 km Launch altitude 6 km: 18,2 km
Maximum speed of the carrier platform	150 m/s
Guidance:	GPS/INS
Future versions:	Possibility of laser guidance
Maximum attack angle:	70°
Fuse:	contact (proximity is a future perspective)