

PEGAZ

Long range tactical UAV

PEGAZ is a long-range unmanned aerial vehicle using laser and/or IIR/TV guided missiles intended against light-armored/unarmored vehicles and troops. Apart from this, PEGAZ is used for day and night reconnaissance missions at operational-tactical level, intelligence data collection, target acquisition and artillery fire control. Guidance is fully autonomous (programmable trajectory, onboard camera). It is also equipped with the command guidance function (direct or via the autopilot with speed, height and heading control) and the safe return-to-home function.

Technical data:

- Engine: Two cylinders boxer
- Power: 32 KW (43 HP)
- Propeller: Wooden two blade
- Wing span: 6.34 m
- Wing surface: 4.24 m^2
- Length: 5.395 m
- Empty weight: 120 kg
- Payload weight: 30-55 kg
- MaxImum takeoff weight: 230 kg
- Maximum speed: 210 km/h
- Cruise speed: 130-150 km/h
- Flying height: 3000 m
- Flight endurance: 8 h +
- Range: 50 km +
- Takeoff: automatic, from the runway/catapult
- Landing: automatic on the runway/with a parachute

OPERATIONAL SET:

- Unmanned vehicle with sensors (3 ea.)
- Control and guidance ground station (1 ea.)
- Re-broadcast ground station (1 ea.)
- Remote video terminal (3 ea.)
- Motor vehicle for transportation of the operational set (3 ea.)





