



## PEGASUS - MEDIUM RANGE UAS



Pegasus is a multi-functional intelligence and reconnaissance UAV system with operational radius of 200 km and more, which can be used for intelligence, surveillance and reconnaissance missions, striking ground targets, target laser designation, artillery fire adjustment, damage effect assessment, etc. With 2 precision guided weapons, it is able of conducting air-to-ground accurate strike on the ground targets.

Guidance is fully autonomous (tracking, holding and camera guidance). It has the altitude, velocity, course controlled by autopilot, as well as the emergency and return home mode.

### TECHNICAL CHARACTERISTICS:

Engine:	two-cylinder two-stroke boxer
Power:	38 KW (52 BHP)
Propeller:	wooden two blades, pusher
Wing span:	7,068 m
Length:	5,580 m
Max. payload weight:	54 kg
Max. takeoff weight:	265 kg
Max. speed:	160 - 180 km/h+
Cruising speed:	130 -150 km/h
Operational altitude:	2000 -3000 m
Flight duration:	6 - 10 h+
Operational radius:	100 km+
Takeoff/Landing	autonomous, prepared runway

Operational set: UAV with payload (3 pieces), Ground Control Station (1 piece), Retranslation Ground Station (1 piece), Remote Video Terminal (1 piece), and logistic support.

