

ILX 27 - UNMANNED HELICOPTER - ROBOT FOR THE SPECIAL MISSIONS

The purpose of UAV helicopter is the support for the army, navy and board guards special missions carried out in the difficult terrain such as mountains and urban areas or at risk of enemy fire. UAV helicopter represents the safe alternative to the manned air support (i.e. aircraft, helicopters) and unmanned aerial vehicles. Usage of UAV helicopter depends on the type of installed devices and special equipment such as any kind of sensors with a maximum payload.

Performance of ILX-27

Max takeoff weight	1 100 [kg]
Payload	300 [kg]
Max speed	215 [km/h]
Maximal rate of climb	10 [m/s]
Ceiling	4 [km]
Range	441 [km]
Lycoming IO-540 Engine	260 [HP]

UAV helicopter in military applications:



Exploration from the air



Supply transportation



Carrier of precision weapons



Evacuation of soldiers from the risk area

UAV helicopter in civil applications:



Operations in the area of natural and environmental disasters



Monitoring of land engineering facilities, bridges, railway junctions and communications, agriculture and railways and woodlands

Variants of ILX-27:



Special (exploration)



Fighting point objects



Naval

