

VRABAC

Short range UAV

VRABAC is a short-range unmanned aerial vehicle intended for battlefield reconnaissance and surveillance, border patrol and coastal guard missions, timely fire detection, monitoring and control of important traffic routes, electric power lines and crude oil pipelines.

Guidance is fully autonomous (trajectory monitoring, onboard camera). It is equipped with the autopilot providing for height, speed and heading functions, and the safe return-to-home function. An operational set for three soldiers includes the unmanned vehicle (3 pieces), ground station, remote video terminal and transport equipment.



Technical data

• Wing span:	2.8 m
• Length:	1.94 m
• Maximum takeoff weight:	9 kg
• Payload weight:	1.5 kg
• Flying height:	300 - 500 m
• Maximum speed:	120 km/h
• Cruise speed:	61 km/h
• Minimum speed:	35 km/h
• Maximum climb speed (0 m):	2.5 m/s
• Flight endurance:	1 h +
• Operating radius:	10 km


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