

Reconnaissance unmanned aerial vehicle «Burevestnik»



Range
120+ km

Endurance
up to 10 h

Flight speed
100-125 km/h

Maximum
payload weight
80 kg

Altitude
up to 4000 m



Technical specifications

Power unit	internal combustion engine
Wingspan, m	9,24
Maximum range of use without loss of radio communication, km – when providing direct radio communication between the GCS and the UAV – when using one repeater – when using two repeaters	up to 120 up to 300 up to 500 and more
Maximum ferry range, km (takeoff from one airfield, flight and landing at another airfield)	up to 1000*
Ceiling, km	up to 4
Cruising speed, km/h	100–125
Endurance, h	up to 10 at cruising speed and flight altitude of 1000 m
Maximum takeoff weight, kg	390
Maximum payload weight (including optical-electronic system), kg	up to 80**
Ground control station type	portable or mobile (based on a minibus, all-terrain vehicle)
Flight and navigation system	GPS, GLONASS and ACS with the ability to fly UAVs without satellite communications
Method of take-off and landing	like an airplane from a runway, with the possibility of using a braking landing system; emergency landing - parachute

*with additional external fuel tanks

**with increasing payload weight, the amount of fuel decreases and the flight duration is reduced

The composition and characteristics are specified at the stage of concluding the contract.



Composition of the system:

- **Unmanned aerial vehicle**
- **Ground control station for:**
 - control of launch and flight of UAVs;
 - receiving, recording, processing, storing, displaying parametric and visual information from UAVs
- **Payload set**
- Interference-proof **data transmission and reception equipment** with automatic rotary support device
- **Ground flight support facilities**
- Repair kit **SPTA**
- Set of **operating documentation**

Optoelectronic system GOES-MFMGV



External fuel tanks



Ground control station options

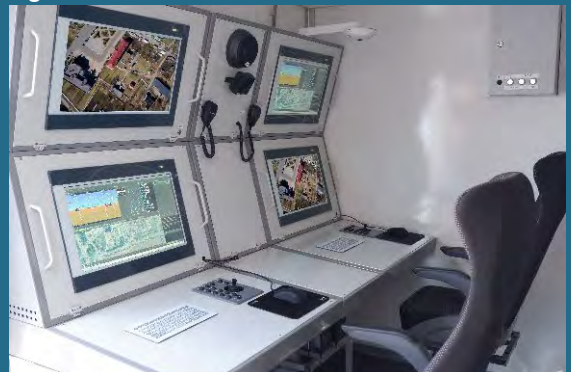
Portable ground control station



GCS based on the Volkswagen Crafter car



GCS based on a MAZ type vehicle with a body superstructure, a life support system for the crew and a trailer for transporting UAVs



Autonomous simulator for training UAV operators (optional supply)



The autonomous simulator is used for in-depth training of UAV operators (payload operators) in the principles of using the unmanned aerial system, as well as for quality control of UAV operator training without using the system's standard tools. The simulator allows training UAV operators using developed computer 3D models of specific UAVs, which, in terms of their geometric, mass and aerodynamic characteristics, correspond as much as possible to existing UAVs.