BOJHOTEXHUYKU UHCTUTYT MILITARY TECHNICAL INSTITUTE

МИНИСТАРСТВО ОДБРАНЕ РЕПУБЛИКЕ СРБИЈЕ REPUBLIC OF SERBIA MINISTRY OF DEFENCE



UNMANNED AERIAL VEHICLE WITH SINGLE-USE WARHEAD STRŠLJEN AND MULTITUBE LAUNCHER





- STRŠLJEN is a cost-effective and high-precision unmanned lethal weapon intended for detection and neutralization of enemy's targets, known worldwide as "loitering munition".
- It possesses the combination of shaped-charge and fragmentation warhead of over 5 kg. Using the electro-optical sensor, it is capable of searching the terrain and detecting the enemy's targets, as well as of fully autonomous target engagement.
- Electrical drive enables a low acoustic signature, thus enabling covert operations at low altitudes.
- STRŠLJEN is equipped with flight control computer developed by the Military Technical Institute and with equipment whose functionality has been tested on Vrabac and Osica unmanned systems. Also, STRŠLJEN is capable of executing the missions together with or through Senka unmanned system.

 "Stršljen" systems consists of 4 unmanned systems, 1 ground control station and 4 containers. The containers serve for storage and launching of the aerial vehicles.

Max. take-off weight 16 kg
Operational speed 160 km/h
Operational altitude 500 m
Endurance >60 min
Efficiency range >50 km

Propulsion Electric motor

Warhead weight >5 kg





