

TACTICAL RECONNAISSANCE-STRIKE UAV

SOTUA-MLS — is the **AK-47** of drones: simple, reliable, and ready for combat!

SOTUA-MLS is a reusable tactical reconnaissance-strike unmanned aerial system designed to replace commercial platforms such as Mavic/Autel in active combat environments. The system combines high mobility with the ability to deliver precision strikes against detected targets, providing extended range, payload capacity of up to 4kg, and resilience to enemy electronic warfare. Equipped with optical navigation and stabilization, the UAV maintains spatial orientation and can return to the launch point even in case of GNSS signal loss. Sensors detecting hostile fire increase survivability in contested environments. Secure digital communication channels ensure protected command and control as well as reliable video transmission.

SOTUA-MLS is capable of performing aerial reconnaissance, target designation, and engagement of enemy vehicles, fortifications, and personnel. It supports assault operations, remote mining, logistics missions, and artillery fire correction. The platform supports both autonomous and operator-controlled modes without requiring additional infrastructure.

SOTUA-MLS – NSN 1550-61-018-5694

PRIMARY MISSIONS

- Tactical aerial reconnaissance and target detection in the enemy’s operational depth
- Engagement of enemy personnel, vehicles, and fortifications in offensive and defensive operations
- Harassing strikes to degrade enemy morale and resources
- Destruction of critical targets such as command posts, ammunition depots, and firing positions
- Rapid response during counter-assault operations and breach containment
- Remote mining to create engineering obstacles
- Cargo delivery to combat zones and hard-to-reach locations
- Defensive support and protection of key positions and flanks
- Operator training in training centers as an analogue of heavier strike UAS platforms



Main Flight and Technical Characteristics

UAV type	Reusable reconnaissance-strike UAV within a Class I tactical (mini) unmanned aerial system
Maximum speed	20 m/s
Cruise speed	14–16 m/s
Payload capacity	up to 4 kg
Endurance	• 21 minutes with 3 kg payload • 61 minutes without payload
Operational range	• up to 15 km with 3 kg payload • up to 30 km total mission distance (15 km out + 15 km return)
Armament options	4 payload attachment points supporting various munitions up to 1.5 kg each. Typical configurations include: • four munitions of 0.5 kg each, or • two munitions of 1–1.5 kg each
Navigation System	• GPS mission planning capability • Optical navigation and stabilization
Communication Systems (variants)	• Video transmission: digital 5.6–5.9 GHz with signal amplification up to 4W • Control link: CRSF dual-band 475 MHz – 1000 MHz (diversity) / MileLR5