

ARMED DRONE „OBAD”

Armed drone OBAD (horse-fly) is a remotely controlled, high mobility aircraft, intended for use in combat missions. It can be deployed for neutralization or destruction of close range targets, as well as the armed or unarmed materiel and personnel. Optionally, OBAD can be hand controlled or pre-programmed from the ground station. It is intended for day and night surveillance, and identification and neutralization of enemy targets. It can also be integrated with different payloads, e.g.:

- Stabilized remotely controlled weapon station with 4 anti-tank 64mm rockets (M80 ZOLJA),
- Tactical communication jammer, operating within 30-88 MHz frequency band,
- Cargo (logistics application), capable of carrying up to 40 kg payload.

CHARACTERISTICS:

• Power unit	8 BLDC motors with counter-rotating propellers
• Operating mass	120 kg
• Payload mass	40 kg
• Maximum flight velocity	65 km/h
• Operating flight velocity	45 km/h
• Maximum operating ceiling	Up to 500 m above ground level
• Flight duration	12-20 minutes
• Radius of operation	5 km

RCWS – REMOTELY CONTROLLED WEAPON STATION

• Weapons	4 x anti-tank 64 mm rockets (M80 ZOLJA)
• Range	500 m
• Remote control range	In azimuth: ±12°
• In elevation:	-45° to +5°
• EO surveillance system	- day CCD camera with optical zoom 30x - thermal imaging camera with digital zoom 4x - laser range finder, up to 2 km range
• Controlled via	Remote radio link