

TECHNICAL SPECIFICATIONS AND BASIC CHARACTERISTICS

AERIAL REMOTE-CONTROLLED GROUND-TO-GROUND ATTACK DRONE

PREDATOR AX-1

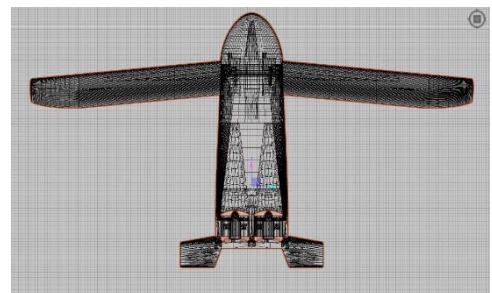
The PREDATOR AX-1 is light-weight man-portable ground-to-ground assault drone remotely controlled via advanced head-tracking glasses system (where you see, you fly) designed for army or special forces ground units support in difficult combat situation, especially in urban areas, capable to operate independent on any other ground units or equipment due to special target tracking system (what you see, you can hit).

This unmanned aerial attack drone can be equipped with standard RPG-7V rounds (HEAT and Thermobaric) and is suited to be operated on modern battlefield within the assymetric conflicts as well as peace-keeping missions and local conflicts in the third world countries. It is intended against soft-skinned and light armored targets (with Thermobaric warhead) as well as against APCs, IFVs and MBTs of older design (with HEAT warhead) by hitting them from the upper hemispehere. It is simple storable and transportable, fired from the portable light-weight compact container carried on the operator's back (up to 3 drones).



Basic technical data

Maximum take-off weight	10 kg
Maximum payload	2 kg
Minimum speed (stall speed)	130 km/h
Maximum speed	250 km/h
Cruise speed	190 km/h
Operational range	4 000 m
VTOL capability (gas catapult)	Vertical start from tube



Operator's screen displays:

GPS, Compass, Air speed, Ground speed, Altitude, Climbing rate, Overload, Distance from starting point, Total flown distance, Onboard system Voltage, Current flow, Consumption, Auto pilot, Head-tracking glasses, 2 axis stabilized TV camera.