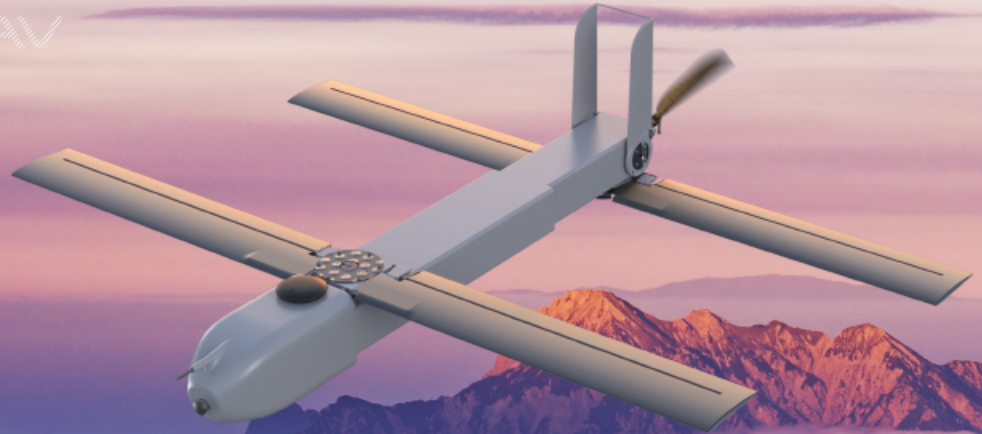


# MDS-1 COMBAT UAV

MOSQUITO-1



## DESCRIPTION

The MDS-1 is classified as a loitering munition and is characterized as a micro, short-range, and short-endurance system capable of kamikaze-style strikes. It can operate autonomously or be controlled remotely and is equipped with a high-res electro-optical sensor. As a compact, all-in-one, man-portable solution, the MDS-1 includes everything necessary to plan and execute

missions effectively. It can be configured and launched in under 10 minutes.

The MDS-1 allows for rapid and straightforward deployment via tube launch. It can fly, track, and engage targets such as armored vehicles and air defense systems with precise lethal effects, all without the need for external intelligence, surveillance, or fire support assets.

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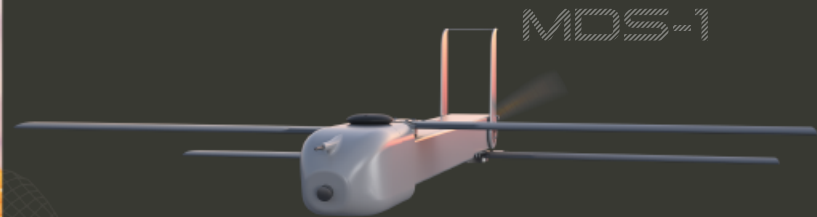


## OPERATIONAL ROLE

Capable of targeting armored vehicles and radar installations, highly effective for the suppression of enemy armored forces and air defenses (SEAD).

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MDSE-1

## PARAMETERS

Wingspan:	1,100 mm
Max loaded weight:	5 kg
Max payload:	0.8 kg
Engine type:	Electrical
Flight endurance:	20 min
Cruise speed:	90 km/h
Flight distance:	40 km
Max flight altitude:	3,000 m ASL
Autonomous accuracy:	3 m
Take off type:	Tube launcher
Compatible warhead:	WH-2C

## EQUIPMENT

UAV:	10 items
Ground control station:	1 item
Launch system:	10 items
Manufacturing capacity:	600 items per year