

DDS-1 COMBAT UAV

DRAGONFLY-1



DESCRIPTION

The DDS-1 is a loitering munition classified as a tactical, short-range UAV with strike capabilities. Designed for dual-purpose missions, it combines reconnaissance and direct attack roles. DDS-1 enables efficient target search and monitoring in short-range missions.

The payload consists of an integrated warhead for kamikaze-style strikes. Navigation is performed by autonomous systems or remote operator control.

It is equipped with electro-optical and thermal sensors. Additionally, it features a cutting-edge anti-jam GNSS receiver, ensuring reliable operation even in challenging jamming environments.

The DDS-1 targets armored vehicles and radar installations, making it highly effective for suppressing enemy armored forces and air defenses (SEAD).

Its design prioritizes stealth and precision, allowing it to

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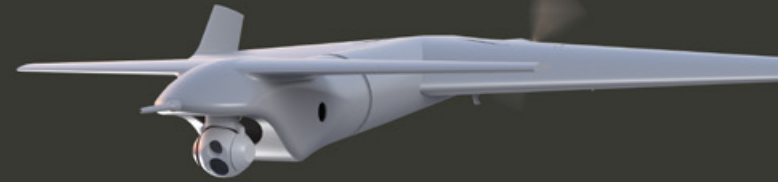


OPERATIONAL ROLE

Targets armored vehicles and radar installations, highly effective for suppressing enemy armored forces and air defenses (SEAD).

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DDSE-1

PARAMETERS

Wingspan:	1,600 mm
Max loaded weight:	15 kg
Max payload:	1,5 kg
Engine type:	Electrical
Flight endurance:	Up to 45 min
Cruise speed:	30 m/s
Flight distance:	Up to 80 km
Operational range:	40 km
Max flight altitude:	4,000 m ASL
Accuracy:	0-5 m
Take off type:	Solid rocket booster
Compatible warhead:	WH-1.5

EQUIPMENT

UAV:	10 items
Ground control station:	1 item
Launch system:	10 items
Manufacturing capacity:	1,000 items per year