



LPP
HOLDING



MTS NIGHTRAY

STEALTH FLYING WING
OWA UAS

Nightray is a stealth one-way attack unmanned aerial system (UAS). As part of the MTS ecosystem, it utilises the same jamming-resistant technology as our battle-proven MTS aerial vehicles, while focusing on low observability. Its stealth features include an optimised flying wing shape, custom radar-deflecting material, and a buried turbojet engine. Nightray is designed to strike high-value targets deep in contested environments.

MAIN FEATURES

- + Stealth one-way attack UAS designed to strike high-value targets deep in contested environments
- + Our Visual navigation with a custom autopilot enables fully autonomous operation in GPS-denied areas
- + Optional jamming-resistant radio for human-in-the-loop control, target adjustment, and live telemetry link
- + Stealth aspects include a custom flying wing design and radar-deflecting material developed in-house
- + Can be launched by catapult or from runways and roads using a reusable trolley launch system



COMPLETE PACKAGE

Nightray is delivered as a ready-to-deploy package and comprises all components, including the autopilot, Visual navigation, electronics, propulsion system, warhead, aerial vehicle, mission planner, and more. The entire system is developed and manufactured in-house in the Czech Republic.

TECHNICAL SPECIFICATION

Length	1.77 m	5.8 ft
Wingspan	4 m	13.1 ft
Empty weight	63.2 kg	139.3 lb
Max takeoff weight	140 kg	308.6 lb
Fuel capacity	46.8 kg	103.2 lb
Combat payload	30 kg	66.1 lb
Average fuel consumption	1 000 g/min	35.3 oz/min
Maximum speed	500 km/h	310.7 mph
Range	400 km	248.6 mi
Endurance	46 min	46 min



L.P.P. Holding a.s.

Pod Hajkem 406/1a, 180 00 Prague, Czech Republic

+420 605 295 772

info@lpp-holding.com

www.lpp-holding.com