AIR LAUNCH DRONES

Rotron Aerospace's range of high-performance aerial launch drones are designed to integrate with the Talon DT-300 Mothership, enabling extended range operations, distributed surveillance, and precision delivery of payloads ranging from 0.5 kg to 2.0 kg. All FPV drones are manufactured in-house at Rotron's UK facility using only NDAA-compliant components.



WREN-5



FALCON-10



The WREN-5 is a compact, high-agility FPV drone built for rapid, precise missions. Featuring four 5-inch propellers, it thrives in tight or dynamic environments - ideal for scouting, surveillance, or light payload delivery.

Designed to complement larger systems like the SWIFT-7, the WREN-5 brings speed and flexibility to multi-drone operations. The DT-300 Mothership can deploy up to sixteen WREN-5 drones, each carrying a 0.5 kg payload, enabling adaptable, high-efficiency deployments across a range of tactical or support scenarios.



The SWIFT-7 is a high-performance FPV drone built for precision and adaptability. Equipped with four 7-inch diameter propellers, it is engineered to integrate seamlessly with a variety of payloads, ensuring accurate and reliable deliveries.

Whether tasked with surveillance or transporting lifesaving supplies, the SWIFT-7 offers a perfect balance of agility and stability in flight. The DT-300 Mothership can deploy up to eight SWIFT-7 drones, each carrying a 1.5 kg payload, for a combined total payload capacity (including drones) of 30 kg.



The FALCON-10 is a cutting-edge FPV drone designed for precision and versatility. Featuring four 10-inch diameter propellers, it seamlessly integrates with various payloads to deliver exceptional accuracy in every mission.

The FALCON-10 combines agility with stable flight performance. Up to four FALCON-10 drones can be deployed from the DT-300 Mothership, each carrying a 2.0 kg payload, enabling a total operational payload capacity (including drones) of 30 kg.

| Description | WREN-5 | SWIFT-7 | FALCON-10 |
|--------------------|-----------------------|--------------------------------------|--------------------------------------|
| Propeller Diameter | 5 inches | 7 inches | 10 inches |
| Payload Capacity | 0.5 KG | 1.5 KG | 2.0 KG |
| Endurance | 10 minutes | 15 minutes | 20 minutes |
| Range | 5 KM (3.1MI) | 10 KM (6.2MI) | 15 KM (9.3MI) |
| C2-Link | ELRS, SILVUS, or DTC | ELRS, SILVUS, or DTC or Fibre-Optic | ELRS, SILVUS, or DTC or Fibre-Optic |
| Video Link | Analog, SILVUS or DTC | Analog, SILVUS or DTC or Fibre-Optic | Analog, SILVUS or DTC or Fibre-Optic |
| Terminal Guidance | No | Yes | Yes |

