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DART-X5 flying wing

Payload capable drone
with 5kg capacity

Parameters

Wingspan: 2.2 m (7.2 ft)
Length: 0.95m (3.1 ft)
TOW: 7-20 kg (15.4-44 lbs)

Cruise speed: 40 m/s (90 mph)
Max speed: 50 m/s (110 mph)
Wind resistance: 12 m/s (27 mph)
Flight time: 25-90 min
Operating distance: 15-200 km (9.3-125 mi)
Operating altitude: max. 4000 m (13 000 ft)
Temperature range: -15 ... +40°C (5 ... 104°F)

Radio: 433 or 868 MHz telemetry
+ optional GSM or 1.65 - 2.5 GHz
GNSS: L1 + L2 band GPS & Galileo
Autopiloted BVLOS

Configurations

- Very fast flying airframe with high wind resistance and double the flight speed of regular glider type planes.
- Can be launched without catapult, reducing cost, operational footprint and setup up time.
- Proven airframe with current production capacity up to 250 units per month that can be scaled up quickly.
- Equipped with a proprietary algorithm to increase the GNSS-guided navigation precision to +- 7,5m range.