



PAVING THE WAY FOR THE FUTURE OF DELIVERIES - DRONAMICS CARGO DRONE TAKES FIRST FLIGHT

News / Manufacturer



Dronamics successfully completed first flight of the Black Swan, at Balchik airport in Bulgaria; demonstrating the potential for the logistics industry to enhance efficiency in the transportation of products. Born out of two brothers' desire to find a quicker, greener and more affordable way to deliver goods, Dronamics is on a mission to enable same day delivery for everyone, everywhere. This significant milestone is the culmination of months of ground testing and subscale flights. The Black Swan aircraft was remotely piloted by two commercial airline pilots from the Dronamics ground control station.

The successful flight test validates the company's licensed cargo drone technology for commercial flights in Europe, set to begin later this year, serving industries such as e-commerce, pharma, spare parts, and perishables with a fast and cost-effective solution to meet evolving consumer needs.

Konstantin Rangelov, Co-Founder and CTO of Dronamics, commented: "Since the day we first

imagined what the Black Swan aircraft could look like, we've worked towards this flight. Today we've made history and are proud to have demonstrated the validity of our drone technology."

Svilen Rangelov, Co-Founder and CEO of Dronamics, said: "It's taken an enormous amount of hard work, belief and drive to prove that what we envisioned works. We can now focus on the next step, the roll-out of our commercial operations, and we couldn't be more excited."



FIRST TEST FLIGHT SPECS:

- Flight time: 10 minutes 27 seconds
- Takeoff time: 6:24 am (GMT+3)
- Landing time: 6:34 am (GMT+3)
- Distance traveled: 21.5 km / 16 miles
- Altitude reached: up to 2,000 feet
- Average speed: up to 75 knots / 140 km/hr
- First flight pilots: 2 + 1 pilot observer



THE BLACK SWAN OVERVIEW

- Wingspan: Fixed wing 16m / 52ft
(equivalent to a five story building)
- Fuselage: 8m / 26ft
- Height: 4m / 13ft
(equivalent to a female giraffe)
- Payload: 350kg / 770lbs
- Volume: 3.5cbm / 125cu ft (equivalent to the capacity of a minivan)
- Diameter: 1.3m / 4.3ft
- Range: 2,500km / 1,550miles
(equivalent to New York City to Austin, All of Europe, All of Caribbean, Hong Kong to Osaka, Dubai to New Delhi)
- Maximum Altitude: 20,000ft / 6,700m
- Maximum Speed: 200 km/h / 125 mph
- Materials used: Carbon fiber predominantly

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