



Technical Specifications

ZERO Air Lite – Swift Messenger (max payload 3 kg)

ZERO Air Manta – Grace in the Air (max payload 15 kg)

Dimensions	Wingspan 2900 mm / L 2400 mm / H 350 mm	Wingspan 2980mm / L 2660 mm / H 1046 mm
Max. take-off mass	21 kg	52 kg
Transport volume	6 L precise fitting for Vacuette Transport Box for transport of dangerous goods of UN 3373 biological substance cat B.	Cargo UAV for up to 15 kg of cargo and offering over 96 l of cargo volume.
Approved Operations	TMCAD (Malta): SORA 2.5 BVLOS Sail II (OA for testing) FOCA (Switzerland): SORA 2.5 BVLOS Sail II	LBA (Germany): SORA 2.0 – SAIL II – BVLOS UK CAA: BVLOS – UN3373 Cat-B dangerous goods
Engine Propulsion	Fully Electric	Fully Electric
Max Cruise Speed	59 KIAS (30m/s) 110 km/h	70 KIAS (36 m/s) 130 km/h
Max Wind	25 KTS (13m/s)	24 KTS (15m/s)
Max Wind Gust	30 KTS (15m/s)	24 KTS (15m/s)
Max Precipitation	IP54 (light rain)	IP54 (light rain)
Operating time	24/7/365	24/7/365
Operating temp.	-20 to 50° Celsius	+0 to 50° Celsius
Range	max 100km without payload, in the absence of wind, ideal cruising speed, 200m AMSL, no altitude change, 5% reserve	max 100km without payload, in the absence of wind, ideal cruising speed, 200m AMSL, no altitude change, 5% reserve
Weather limitations	suitable for operation in coastal and offshore climates, no operation during heavy rain, icing conditions, hail, and thunderstorms	suitable for operation in coastal and offshore climates, no operation during heavy rain, icing conditions, hail, and thunderstorms
Noise Emissions	While cruising at 150m above ground level: 50dB	While cruising at 150m above ground level: 45dB
Delivery methods	<ul style="list-style-type: none"> • SKYHUBS™ Pad ground landing • Mailbox docking on balcony or window-to-window • Door-to-door² 	<ul style="list-style-type: none"> • SKYHUBS™ Pad – to – SKYHUBS™ Pad ground landing • Door-to-Door² • SKYHUBS™ Pad-to-Door² • Door-to- SKYHUBS™ Pad²
Customer Privacy²	<ul style="list-style-type: none"> • The video transmitted to the pilot for landing is blurred at the source. 	<ul style="list-style-type: none"> • The video transmitted to the pilot for landing is blurred at the source.
Safety	Avionics Awareness systems Awareness radios (ADS-B In, FLARM in remote ID) Connectivity (3x LTE SIM cards slots for three different providers) FTS (Flight Termination System)	Avionics Awareness systems Awareness radios (ADS-B, FLARM in remote ID) Connectivity (2x LTE SIM cards slots for two different providers) FTS (Flight Termination System)
Security	Cyber Security Risk Free	Cyber Security Risk Free

² in collaboration with last-mile solutions partner.

³ **Privacy: GDPR / EASA Regulations** – EASA requires drone operators to maintain comprehensive records of flight operations, including maintenance logs and incident reports. These records are essential for audits by aviation authorities and for ensuring transparency in the event of a safety incident.

SKY Mobility (Malta) Ltd., as an independent aircraft operator not tied to any specific manufacturer, can select the most suitable aircraft to meet current needs. Technical specifications may vary with newer certified generations, offering improved efficiency and enhanced capabilities.