

Dubai police testing flying motorbikes

A flying motorcycle developed by California-based startup Hoversurf is being used to train police officers in Dubai, with the aim of helping first responder units to access hard-to-reach areas

HOVERBIKE S3: Electric vertical take-off and landing (eVTOL) vehicle

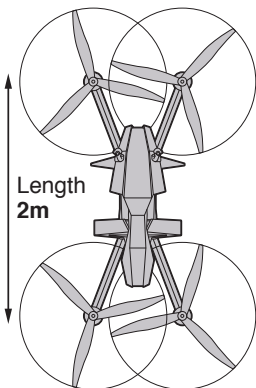
Frame: Carbon-fibre body made as single element, giving stiffness of structure while reducing weight

Engine

30kW motors drive three-bladed propellers. Total thrust: **364kg**

Battery
12.3kWh capacity

Rotor diameter **1.2m**



Controls: Twin joysticks alter altitude and direction. Vehicle can also be piloted remotely



Battery recharge time **2.5 hrs**

SAFETY SYSTEMS

- Computer-aided speed and altitude limiting, auto take-off and landing
- Laser all-weather LiDAR* assists navigation
- "Triple security system" includes mechanical, electronic and passive protection

SPECIFICATIONS: Hoverbike S3 2019

Weight	114kg (qualifies as ultralight under U.S. FAA rules, requiring no pilot's license)
Maximum speed	96km/h (52 knots)
Recommended flying altitude	5 metres
Flight time	Up to 40 mins in drone mode, 10-25 mins with pilot
Price	\$150,000 (+\$10,000 training course)