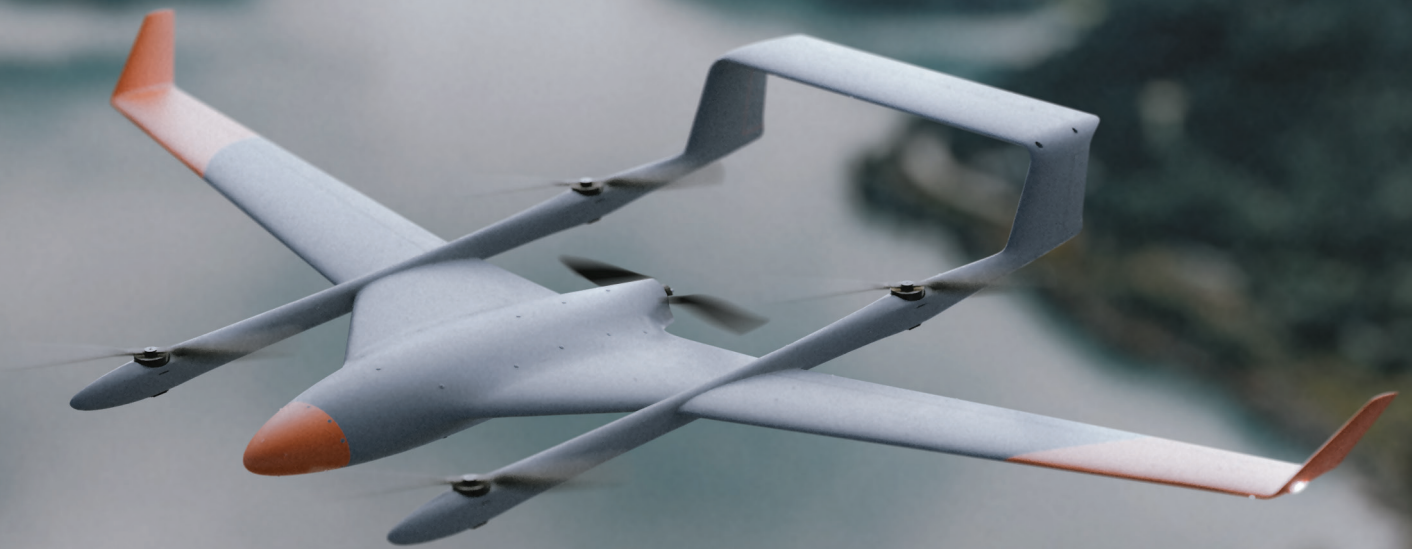




VTOL FALK

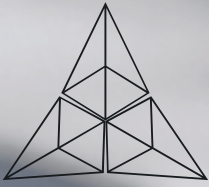
UNMANNED AIRCRAFT SYSTEM [UAS]

VERTICAL TAKE-OFF AND LANDING UAS
FOR MARITIME DATA ACQUISITION



**MARITIME
ROBOTICS**

ENABLING OCEAN SPACE AUTONOMY



VTOL FALK



SPECIFICATIONS

Wingspan	3.4 m 9.84 ft
Range	200 km 110 nm
Payload capacity	2.5 kg 5.5 lbs
MTOM*	25 kg 55.1 lbs
Operational ceiling	6000 m 20000 ft
V cruise	26 m/s 50 kts
V max	45 m/s 90 kts
Flight time	2 h
Launch and Recovery	Vertical Take-Off and Landing

Operations possible under EASA Open Category A3 or Specific Category

*Maximum Take-off Mass

PAYLOAD

Custom payload

LiDAR

Magnetometer

Gimbal

Gravimeter

Communication Relay

ADD ONS

Transponder
(Mode C/S/AADS-B
in/out options available)

5G / 4G communications

Long-range communications

APPLICATIONS

Inspection

Mapping

Maritime Surveillance

Maritime missions

Sample collection

A LEADER IN UNMANNED SOLUTIONS

Maritime Robotics, developer and supplier of the Otter, is a leading provider of innovative unmanned solutions for maritime operations and data acquisition. The company develops and delivers Unmanned Surface Vehicle Systems (USV), Moored Balloon System (MBS) as well as Unmanned Aircraft Systems (UAS). Our main markets are geophysical surveying, oil & gas, environmental monitoring, and the defence/security market. With technology developed in close collaboration with civilian, governmental and military partners, Maritime Robotics focuses on delivering high-quality system solutions and products that are cost-effective, reduce HSE risk exposure and are highly deployable, in any conditions.