



United Vehicle Robotics



SAKAVIK

UNMANNED AIRCRAFT  
SYSTEM

# UAV SAKAVIK APPLICATION

"SAKAVIK" IS A FULLY AUTONOMOUS VERTICAL TAKEOFF AND LANDING UNMANNED AERIAL VEHICLE WITH AN INTERNAL COMBUSTION ENGINE.

ONE OF THE MAIN ADVANTAGES OF THE UAV "SAKAVIK" IS ITS VERSATILITY. LARGE PAYLOAD CAPACITY AND LONG FLIGHT TIME WITH MAXIMUM PAYLOAD MAKE "SAKAVIK" AN IDEAL SOLUTION FOR PERFORMING TASKS IN VARIOUS SPHERES:

- LOGISTICS  
(transportation of cargo up to 150 kg)
- AGRICULTURE  
(spraying fertilizers, herbicides, pesticides and other substances)
- SECURITY OF FACILITIES AND TERRITORIES
- EMERGENCY RESCUE OPERATIONS  
(detection and extinguishing of fires, search for missing persons, monitoring natural disasters)
- GEOLOGICAL WORKS WITH VARIOUS SPECIAL EQUIPMENT.



# UAV SAKAVIK APPLICATION



CARGO TRANSPORTATION



FIRE DETECTION AND  
EXTINGUISHING



AGROCHEMICAL WORKS



# TECHNICAL SPECIFICATIONS

## WEIGHT PARAMETERS:

- LOAD CAPACITY (INCL. FUEL).....UP TO 200 KG
- EMPTY HELICOPTER WEIGHT.....300 KG
- MAXIMUM TAKE-OFF WEIGHT.....500 KG
- FUEL TANK CAPACITY.....60 L

## DIMENSIONS:

- OVERALL WIDTH.....1,510 MM
- OVERALL LENGTH.....7,280 MM
- OVERALL HEIGHT.....2,380 MM
- ROTOR DIAMETER.....6,280 MM

## FLIGHT CHARACTERISTICS:

- MAX SPEED.....185 KM/H
- CRUISING SPEED.....120 KM/H
- MAXIMAL FLIGHT RANGE.....UP TO 480 KM
- MAXIMUM FLIGHT TIME.....UP TO 8 H

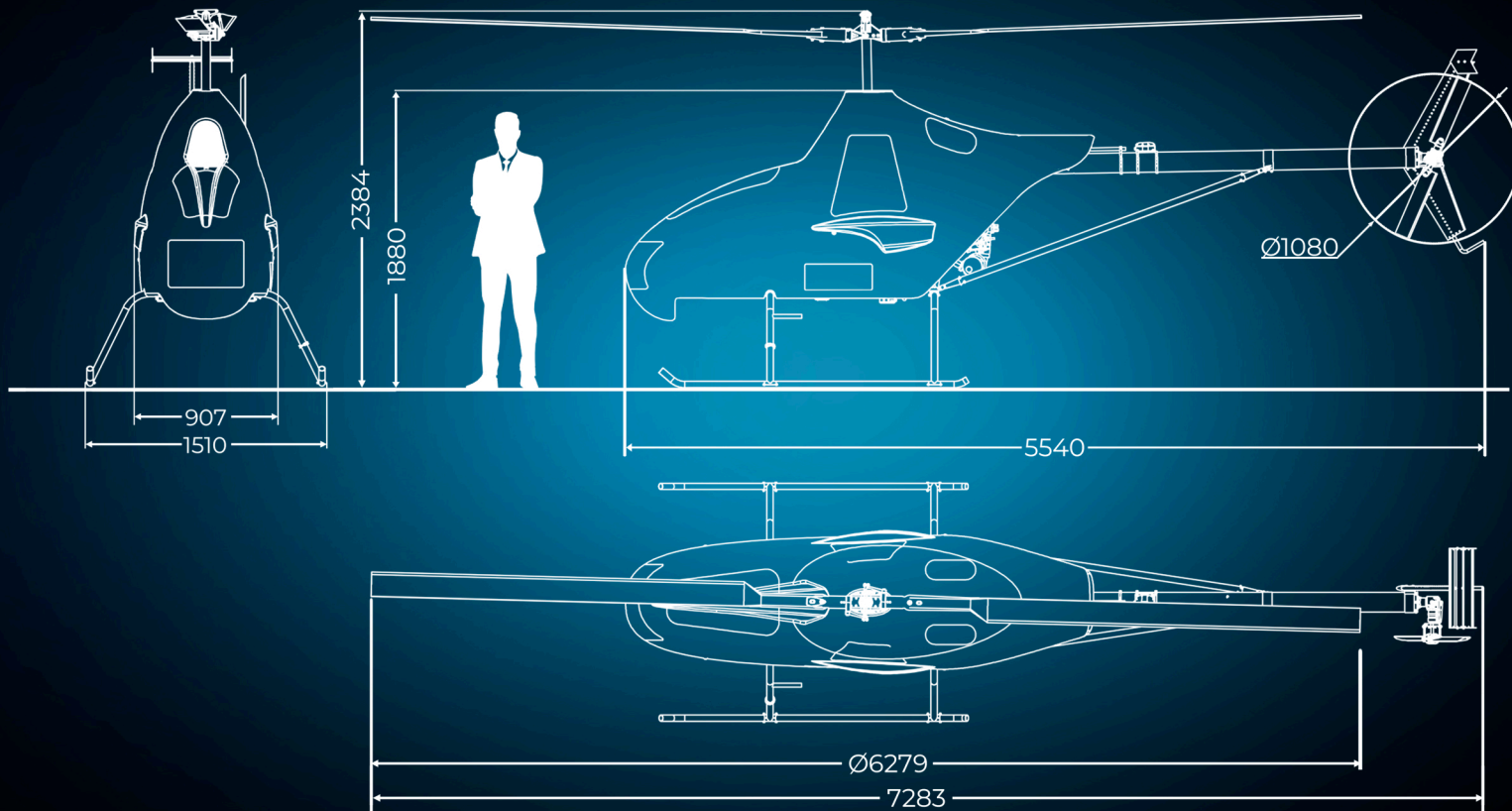
## AIRCRAFT FEATURES:

- FULLY AUTOMATIC FLIGHT
- IN CASE OF SIGNAL LOSS RETURN TO THE TAKE-OFF POINT OR EMERGENCY LANDING
- MODULAR PLATFORM





# UAV SAKAVIK DIMENSIONS





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