

UNMANNED AIRCRAFT SYSTEM

CAPRICORN BEETLE



KOZIOROG
UNMANNED AIRCRAFT SYSTEM



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Capricorn Beetle UAV system

Unmanned aircraft "Capricorn Beetle" was designed for broad spectrum of military and civil applications.

Features:

- high lift to drag ratio,
- wide center of gravity range,
- capable of installation of a wide range of sensors and aircraft systems (different masses and sizes).

Launch method:

- runway,
- pneumatic launcher.

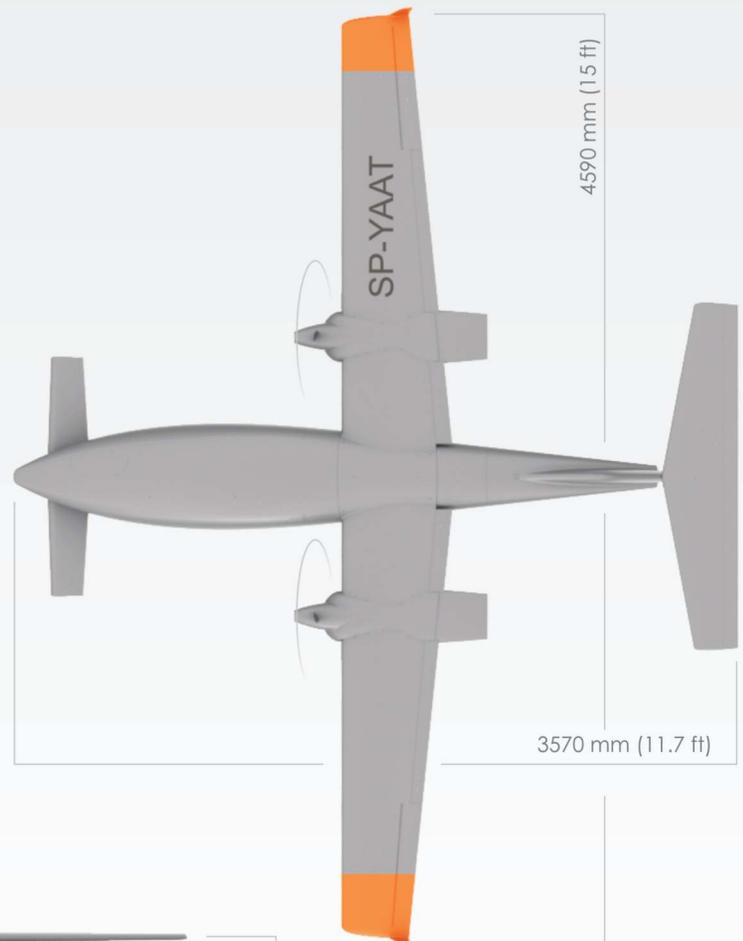
In 2014 the plane used as the first UAV system registered with the civil register of aircraft in Poland, and successfully passed flight tests, confirming design assumptions: performance, stability, and control.

Specifications

- take-off weight: 85 kg,
- typical endurance: 8+ hours,
- payload: 14 kg,
- operational ceiling: 5000 m,
- operational range: up to 80 km,
- speed: 70–150 km/h,
- launch method: runway,
- recovery method: landing gear (retractable–option), recovery parachute system,
- propulsion system: 2 x gas engines.



Dimensions



UAV PNEUMATIC LAUNCHER (OPTION)

MSP®

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