



ARGOS – Data Sheet

Dimensions

Wingspan : 3.000 mm
Lenght: 1.920 mm
Height: 445 mm

Wing

Surface: 86,4 dm²
Mean aerodynamic chord: 28,88 mm
Airfoil: FRUF02
Min. wing load: 66,55 g/dm²
Max. wing load: 138,89 g/dm²
C. of G.
RN: 350.000 – 750.000

Engine

Make/model: Zenoah G20Ei (2 stroke)
Propeller: Graupner Sonic 16x8
Fuel tank: 3.500 cc

Weight

Minimum flying weight (no fuel): 5.750 g
Maximum weight: 12.000 g
Payload: 6.250 g (fuel + useful load)

Performance

Stall speed at half weight: 26 km/h
Max. range speed: 68 km/h
Max. speed: 130 km/h
Max. climb at half weight: 10 m/s
Min.fuel consumption @ 68 km/h: 0,25 l/h
Endurance (no reserve): 14 h @ 68 km/h



ARGOS UAV is the most advanced platform in CATUAV fleet. It has a big cargo bay that is easy to adapt to different payloads and a long endurance to get the maximum of each flight. ARGOS is an easy to deploy, easy to fly mid-range platform that has a conventional landing gear for taking off from very short runways or a special hook for catapult launching when there is no runway available. Wings are foldable in less than five minutes for easy transportation even in small vehicles.