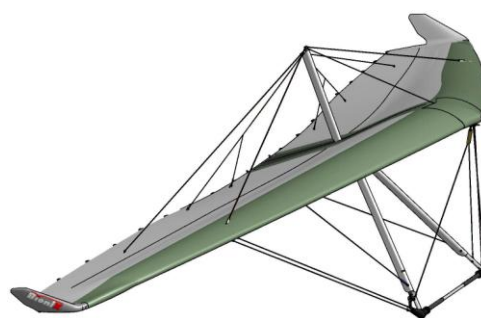


Technical Characteristics & Performance

Type	BioniX 13
Wingspan	9.10 m
Surface	13.3 m ²
Aspect ratio	6.2
Nose angle	130°
Wing weight	53 kg
Payload	450 kg



Engine	Skypper 582 (S)	Skypper 912 (S)	Tanarg 912	Tanarg 912 S (ES)
Power	64 hp	80 (100) hp	80 hp	100 hp
Gearbox ratio	1:3.47 (1:4)	1:2.43	1:2.43	1:2.43
Propeller ARPLAST	3 blade Ecoprop (4 blade 166 DAS)	3 blade Ecoprop (3 blade 166)	3 blade 166/48	3 blade 166/48 (3 blade 158/62)
Propeller diameter	172 (166) cm	172 (166) cm	166 cm	166 (158) cm
Noise level *	65 (63) dB	73 (72) dB	72 dB	72 (69) dB
Empty weight	200 kg	221 (223) kg	239 kg	241 (236) kg
Minimum speed	58 km/h	59 km/h	60 km/h	60 km/h
Maximum speed at level	130 km/h	140 (150) km/h	150 km/h	160 (155) km/h
Speed range bar back CORSET loose/tight	80/150 km/h	80/150 km/h	80/150 km/h	80/150 km/h
Consumption	11 l/h at 85 km/h	10 l/h at 100 km/h	10 l/h at 110 km/h	10 l/h at 110 km/h
Climb rate	3.0 m/s	5.0 (6.5) m/s	5.0 m/s	6.5 (6.0) m/s

Performances given for a dual seater with an actual payload of 160 kg.

* Measure taken at full power at an altitude of 150 m above ground.