

Technical Characteristics & Performance

Type	iFun 16 Skypper 582	NuviX Skypper 582	NuviX Skypper 912	BioniX 15 Skypper 912	BioniX 13 Skypper 912 S
Wingspan	9.50 m	9.55 m	9.55 m	9.85 m	9.1 m
	31.2 ft	31.3 ft	31.3 ft	32.3 ft	29.9 ft
Surface	16.3 m ²	15.2 m ²	15.2 m ²	15.1 m ²	13.3 m ²
	175.5 ft ²	164 sq ft	164 sq ft	163 sq ft	143.2 sq ft
Aspect ratio	5.5	6.0	6.0	6.0	6.2
Nose angle	122°	130°	130°	130°	130°
Wing weight	45 kg	52 kg	52 kg	56 kg	53 kg
	99 lbs	115 lbs	115 lbs	124 lbs	117 lbs
Trike weight	147 kg	147 kg	168 kg	168 kg	169 kg
	324 lbs	324 lbs	370 lbs	370 lbs	372 lbs
Payload	258 kg	253 kg	232 kg	238 kg	228 kg
	569 lbs	558 lbs	512 lbs	524 lbs	503 lbs
Height	3.45 m	3.45 m	3.45 m	3.45 m	3.45 m
	11.3 ft	11.3 ft	11.3 ft	11.3 ft	11.3 ft
M.T.O.W.	462 kg	462 kg	462 kg	472.5 kg	450 kg
	1018 lb	1019 lbs	1019 lbs	1042 lbs	992 lbs
Engine	Rotax 582	Rotax 582	Rotax 912	Rotax 912	Rotax 912 S
Power	64 HP	64 HP	80 HP	80 HP	100 HP
Gear box ratio	3.47:1	3.47:1	2.43:1	2.43:1	2.43:1
Propeller	3-blade Ecoprop 1.72 m (68 in)	3-blade Ecoprop 1.72 m (68 in)	3-blade Ecoprop 1.72 m (68 in)	3-blade Ecoprop 1.72 m (68 in)	3-blade Ecoprop 1.72 m (68 in)
Noise level*	65 dB	65 dB	73 dB	73 dB	73 dB
Consumption	11 l/h at 70 km/h	11 l/h at 80 km/h	10 l/h at 95 km/h	10 l/h at 100 km/h	10 l/h at 100 km/h
	2.9 gal at 47 mph	2.9 gal at 50 mph	2.6 gal at 59 mph	2.6 gal at 62 mph	2.6 gal at 62 mph
Minimum speed	52 km/h	61 km/h	61 km/h	61 km/h	63 km/h
	32 mph	38 mph	38 mph	38 mph	39 mph
Maximum speed	120 km/h	130 km/h	140 km/h	150 km/h	170 km/h
	74 mph	81 mph	87 mph	93 mph	106 mph
Climb rate	4.5 m/s	3.5 m/s	5.0 m/s	5.0 m/s	5.0 m/s
	886 ft/min	689 ft/min	984 ft/min	984 ft/min	984 ft/min

Performances given for an actual payload of 180 kg.

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