

Technical Characteristics & Performance

| Type | NuviX Tanarg 912 | NuviX Tanarg 912S | BioniX Tanarg 912 | BioniX Tanarg 912S | BioniX Tanarg 912ES |
|----------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Wingspan | 9.55 m | 9.55 m | 9.85 m | 9.85 m | 9.85 m |
| | 31.3 ft | 31.3 ft | 32.3 ft | 32.3 ft | 32.3 ft |
| Surface | 15.2 m ² | 15.2 m ² | 15.1 m ² | 15.1 m ² | 15.1 m ² |
| | 164 sq ft | 164 sq ft | 163 sq ft | 163 sq ft | 163 sq ft |
| Aspect ratio | 6.00 | 6.00 | 6.4 | 6.4 | 6.4 |
| Nose angle | 130° | 130° | 130° | 130° | 130° |
| Wing weight | 52 kg | 52 kg | 56 kg | 56 kg | 56 kg |
| | 115 lbs | 115 lbs | 124 lbs | 124 lbs | 124 lbs |
| Trike weight | 186 kg | 188 kg | 186 kg | 188 kg | 183 kg |
| | 410 lbs | 415 lbs | 410 lbs | 415 lbs | 404 lbs |
| Payload | 214 kg | 212 kg | 220 kg | 218 kg | 223 kg |
| | 472 lbs | 467 lbs | 485 lbs | 481 lbs | 492 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 | 472.5 kg | 472.5 kg | 472.5 kg |
| | 1019 lbs | 1019 lbs | 1042 lbs | 1042 lbs | 1042 lbs |
| Engine | Rotax 912 | Rotax 912S | Rotax 912 | Rotax 912S | Rotax 912ES |
| Power | 80 HP | 100 HP | 80 HP | 100 HP | 100 HP |
| Gear box ratio | 2.43:1 | 2.43:1 | 2.43:1 | 2.43:1 | 2.43:1 |
| Propeller | 3-blade Arplast 1.66 m (65 in) | 3-blade Arplast 1.66 m (65 in) | 3-blade Arplast 1.66 m (65 in) | 3-blade Arplast 1.66 m (65 in) | 3-blade Arplast 1.58 m (62 in) |
| Noise level* | 72 dB | 72 dB | 72 dB | 72 dB | 69 dB |
| Consumption | 10 l/h at 95 km/h | 10 l/h at 95 km/h | 10 l/h at 100 km/h | 10 l/h at 100 km/h | 10 l/h at 100 km/h |
| | 2.6 gal at 59 mph | 2.6 gal at 59 mph | 2.6 gal at 62 mph | 2.6 gal at 62 mph | 2.6 gal at 62 mph |
| Minimum speed | 61 km/h | 61 km/h | 61 km/h | 61 km/h | 61 km/h |
| | 38 mph | 38 mph | 38 mph | 38 mph | 38 mph |
| Maximum speed | 140 km/h | 140 km/h | 150 km/h | 160 km/h | 160 km/h |
| | 87 mph | 87 mph | 93 mph | 99 mph | 99 mph |
| Climb rate | 5.0 m/s | 6.0 m/s | 5.0 m/s | 6.0 m/s | 5.5 m/s |
| | 984 ft/min | 1181 ft/min | 984 ft/min | 1181 ft/min | 1083 ft/min |

Performances given for an actual payload of 180 kg.

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