

# Evektor - Airplanes for everyone

<http://www.evektor.com/sportstar/specification.asp>

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## Dimensions & Performance

### Dimensions

Length	17 ft 7.5 in	5.98 m
Height	8 ft 2 in	2.48 m
Wing span	28 ft 5 in	8.65 m
Cabin width	46.5 in	1.18 m
Baggage compartment volume	6.2 cu.ft	175 l
Weight & Quantities		
Empty weight (basic a/c)	680 lb	309 kg
Empty weight (widely equipped a/c)	745 lb	338 kg
Max take-off weight *	1,320 lb	600 kg
Useful load (basic a/c)	640 lb	291 kg
Useful load (widely equipped a/c)	522 lb	237 kg
Max. baggage	55 lb	25 kg
Design load factors	+6 g / -3g	
Wing tanks capacity	31.7 US gal	120 l
Flight performance		
Never exceed speed	146 KIAS	270 km/h
Maximum level speed	115 KCAS	213 km/h
Cruise at 75% engine power	110 KCAS	204 km/h
Stall speed $VS_1$ (no flaps)	45 kCAS	83 km/h
Stall speed $VS_0$ (full flaps)	40 KCAS	74 km/h
Rate of climb	1,020 fpm	5.2 m/s
Service ceiling	15,500 ft	4,720 m
Take-off run (concrete RWY)	690 ft	210 m
Landing run	590 ft	180 m
Maximum range	710 NM	1,310 km
Total endurance	8.5 hrs	

\* For US market with VG's

## Power plant

Engine	Bombardier Rotax 912 ULS	
Number of cylinders	4	
Power	100 hp	
TBO	2,000 hrs	
Fuel consumption	4.0 US gal/hr	15 l/hr
Unleaded automotive gasoline, AKI91, ASTM D4814 or AVGAS 100LL		
Propeller	Fixed, on-ground adjustable	