

TWIN VOYAGER S12 TECHNICAL DATA

ENGINE

- Turbocharged ROTAX 914 F Turbo
- Maximum take-off power (MTO): 115 hp (5' max)
- Maximum continuous power (MCP): 100 hp
- Time between overhaul (TBO): 2,000 hrs or 15 years
- Fuel grade: min. RON95

DIMENSIONS

- Length: 27,6 ft 8,42 m
- Height: 5,74 ft 1,75 m
- Wing span: 82,02 ft 25,0 m
- Wing span folded: 37,4 ft 11,4 m
- Wing area: 214.74 sq ft 19,95 m²

WEIGHTS & CAPACITIES

- Maximum take-off mass (MTOM): 1,984 lb 900 kg
- Maximum useful load: 451 lb 205 kg
- Number of seats: 2
- Tank capacity: 2 x 15,85 US gal 2 x 60 l

PERFORMANCE

- Maximum speed (V_{NE}): 145 kts 270 km/h
- Maximum cruise speed @ MSL: 121 kts 225 km/h
- Maximum cruise speed @ FL100: 140 kts 260 km/h
- Maximum range: 950 nm 1.759 km
- Climb rate @ MTOM: 645 ft/min 3,28 m/s
- Service ceiling: 30,000 ft 9,140 m
- Glide ratio @ 57 kts: 1:53
- Permissible loads: +5.3 g / -2.65 g

TAKE-OFF & LANDING DISTANCES (MSL, ISA, MTOM) @ MTO

- Take-off run: 695 ft 212 m
- Take-off distance: 1,315 ft 401 m