



Specifications (Aerocruiser 450 Turbo)

Data from Bayerl, Tacke and the manufacturer

General characteristics

- **Crew:** one
- **Capacity:** five passengers
- **Length:** 35 ft (11 m)
- **Wingspan:** 39 ft 3 in (11.96 m)
- **Height:** 14 ft 1 in (4.29 m) (tail level)
- **Wing area:** 207 sq ft (19.2 m²)
- **Empty weight:** 3,040 lb (1,379 kg)
- **Gross weight:** 4,650 lb (2,109 kg)
- **Fuel capacity:** 522 litres (115 imp gal; 138 US gal)
- **Powerplant:** 1 x Lycoming TIGO-541 six cylinder, air-cooled, turbocharged, geared and fuel-injected four stroke aircraft engine, 450 hp (340 kW)
- **Propellers:** 3-bladed Hartzell Propeller

Performance

- **Cruise speed:** 200 kn (230 mph, 370 km/h) at 75% power and 25,000 feet
- **Stall speed:** 54 kn (62 mph, 100 km/h)
- **Range:** 1,400 nmi (1,600 mi, 2,600 km)
- **Service ceiling:** 35,000 ft (11,000 m)
- **Rate of climb:** 1,800 ft/min (9.1 m/s)
- **Wing loading:** 13.6 lb/sq ft (66.4 kg/m²)