



Cirrus SR22 G3 GTS Turbo

Specifications

Powerplant	Tornado Alley turbonormalized TCM IO-550-N, 310 hp @ 2,700 rpm
Recommended TBO	2,000 hr
Propeller(s)	Hartzell ASC propeller, 3-blade
Length	26 ft
Height	8 ft 9 in
Wingspan	38 ft 4 in
Wing area	144.9 sq ft
Wing loading	23.46 lb/sq ft
Power loading	10.96 lb/hp
Seats	4
Cabin length	10 ft 10 in
Cabin width	4 ft 1 in
Cabin height	4 ft 2 in
Empty weight	2,330 lb
Useful load	1,070 lb
Payload w/full fuel	518 lb
Max Gross weight	3,400 lb
Fuel capacity, std	92 gal usable, 552 lb usable
Oil capacity	8 qt
Baggage capacity	130 lb

Performance

Takeoff distance, ground roll	1,028 ft
Takeoff distance over 50-ft obstacle	1,594 ft
Max demonstrated crosswind component	24 kt
Rate of climb, sea level	1,400 fpm
Max level speed, 25,000 ft	219 kt

Cruise speed/endurance w/45-min rsv, std fuel (fuel consumption)	
@ 86% power, best power and 5,500 feet	176 KTAS/4 hr/716 nm (17.5 gph)
@ 75% power and 25,000 feet	211 KTAS/3.9 hr/823 nm (17.5 gph)
@ 55% power and 25,000 feet	180 KTAS/5.5 hr/1,000 nm (11.8 gph)

Max operating altitude	25,000 ft
Landing distance over 50-ft obstacle	2,344 ft
Landing distance, ground roll	1,141 ft

Limiting and Recommended Airspeeds

V_X (best angle of climb)	80 KIAS
V_Y (best rate of climb)	100 KIAS
V_A (design maneuvering) @ 3,400 lb	133 KIAS
V_{FE} (max flap extended)	104 KIAS
V_{NO} (max structural cruising)	178 KIAS
V_{NE} (never exceed)	204 KIAS
V_R (rotation)	73 KIAS
V_{S1} (stall, clean)	66 KIAS
V_{SO} (stall, in landing configuration)	61 KIAS
V_{PD} (maximum parachute deployment speed)	133 KIAS

All specifications are based on manufacturer's calculations. All performance figures are based on standard day, standard atmosphere, sea level, gross weight conditions unless otherwise noted.



AirMart
AIRCRAFT SALES & BROKERAGE