

# Cirrus SR22 G2 GTS Specifications and Performance

## General Info

Category	Single Engine Piston
Seating	1 + 3 / 3
Top Speed	185 kts
Max Range	1100 NM
URL	<a href="http://www.cirrusaircraft.com">www.cirrusaircraft.com</a>

## Weights & Dimensions

### Weights:

Basic Operating Weight	2,350 lbs
Max Payload	850 lbs
Passenger Payload	540 lbs
Useful Load	1,050 lbs
Avail. Payload/Max Fuel	346 lbs
Avail. Fuel/Max Payload	51.67 gal / 310 lbs
Max Fuel	84.00 gal / 504 lbs
Usable Fuel	81.00 gal / 486 lbs
Wing Loading	23.50 lbs / ft <sup>2</sup>
Power Loading	11.00 lbs / hp
Max Ramp Weight	3,400 lbs
Max Takeoff Weight	3,400 lbs
Max Landing Weight	3,400 lbs

### Internal Dimensions

Cabin Length	8 ft 0 in
Cabin Height	4 ft 2 in
Cabin Width	4 ft 1 in
Cabin Volume	137.00 ft <sup>3</sup>

### External Dimensions

Length	26 ft 0 in
Height	8 ft 11 in
Wingspan	38 ft 4 in
Wing Area	145.00 ft <sup>2</sup>

## Baggage Capacity

Interior Volume	32 ft <sup>3</sup>
Interior Weight	130 lbs

## Engine / Propeller

### Engine Info

Manufacturer	Teledyne Continental
Model	IO-550-N
Engine	Piston
Fuel Type	100LL
Thrust / Horse Power	310
Number of Cylinders	6
Inspection Interval	2000

### Propeller Info

Manufacturer	McCauley
Model	D3A34C443/78CYA-O
Pitch	Constant Speed
Diameter	78.00 in
Number of Blades	3

## Performance Specs

### Speeds

Top Speed	185 kts
Cruise Speed	170 kts
Max Range	1100 NM

### V Speeds:

Speed V <sub>so</sub>	59 kts
Speed V <sub>s</sub>	70 kts
Speed V <sub>x</sub>	88 kts
Speed V <sub>y</sub>	101 kts
Speed V <sub>a</sub>	133 kts
Speed V <sub>no</sub>	178 kts
Speed V <sub>ne</sub>	200 kts

**Takeoff Distances**

Sea Level, ISA	1,593 ft
5000 ft elev 25°C	2,765 ft

**Landing Distances**

Sea Level, ISA	2,343 ft
5000 ft elev 25°C	2,748 ft

**Climb Performance / Ceilings**

Climb	1,300 fpm
Min. To Altitude	11 min / 10,000 ft
Certified Ceiling	17,500 ft

**Cruise Performance at 8,000 ft****Recommended**

Speed / Power	171 kts / 65 %
Fuel Flow	15.40 gal / 92 lbs
Range	659 NM
Altitude	8,000 ft
Payload / Fuel	560 lbs / 6.00 lb/gal

**High Speed**

Speed / Power	180 kts / 75 %
Fuel Flow	17.80 gal / 107 lbs
Range	570 NM
Altitude	8,000 ft
Payload / Fuel	560 lbs / 6.00 lb/gal

**Long Range**

Speed / Power	160 kts / 55 %
Fuel Flow	13.10 gal / 79 lbs
Range	760 NM
Altitude	8,000 ft
Payload / Fuel	560 lbs / 6.00 lb/gal