

Cirrus SR20 G7 Model Guide

The Cirrus SR20 G7 is a single-engine piston four-to-five-seat aircraft, built since 2023. It has a Lycoming IO-390-C3B6 engine rated at 215 HP, a Garmin glass cockpit and the CAPS whole-airframe parachute. Brochures list a 155 KTAS max cruise and a 17,500 ft max operating altitude.

KEY TAKEAWAYS

- Lycoming IO-390-C3B6, 215 HP, 3-blade prop; seats up to 5 with 60/40 Flex Seating.
- Brochure max cruise is 155 KTAS, max operating altitude 17,500 ft, climb rate 781 ft/min.
- Base weight 960 kg and useful load 469 kg (2023 sheet); options change the useful load.
- CAPS parachute, airbag front seatbelts, dual alternators and ESP are standard.

PERFORMANCE AND CAPACITY

Brochures at max gross weight, ISA sea level, list a 1,685 ft takeoff and an 853 ft landing ground roll. Stall speed with flaps is 57 KCAS on the 2025 sheet and 60 KCAS on the 2023 sheet. Cabin payload with 3 hr trip fuel and 45 min reserve is 354 kg (2023 sheet). The family-level maximum range is up to 760 nm.

COST AND OWNERSHIP

List price was \$569,900 in 2023 and \$626,900 in 2025 (Premium: \$639,900 in 2023, \$686,900 in 2025). The warranty is 3 years or 1000 flight hours, spinner to tail. A 5-year/2000-hour upgrade costs \$20,900. One Atlanta flight school lists SR20 G7 rental at \$475/hr (\$375 club rate plus \$100 consumables), against \$435 for the G6.

OPTIONS THAT AFFECT WEIGHT

The lightweight composite propeller costs \$15,900 and saves 11.3 kg. Factory air conditioning costs \$39,900 and adds 24.9 kg. Other options include Cirrus Global Connect (\$16,900, 2.7 kg), lightning detection (\$14,900 on the 2023 sheet) and the Tanis pre-heater (\$2,900, 1.8 kg). The Premium weighs 968 kg.

SPECIFICATIONS

Engine Hp	215
Length Ft	26
Cabin Width In	49
Cabin Height In	50

PERFORMANCE

Max Cruise Speed Kts	155
Service Ceiling Ft	17500
Climb Rate Fpm	781
Takeoff Distance Ft	1685
Landing Ground Roll Ft	853

V-SPEEDS

Stall Speed Flaps Kts	57
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SAFETY NOTES

- CAPS can only be serviced by trained technicians at approved Cirrus Authorized Service Centers; an A&P license alone is not enough.
- Actual useful load varies with installed options; always use the specific aircraft's weight and balance data.
- Brochure specifications are not warranted as accurate; verify equipment and weights against the actual aircraft.