

Cirrus SR20 G3 Model Guide

The Cirrus SR20 G3 is a single-engine piston airplane built from 2007 to 2013 and listed with 4 to 5 seats. Cirrus's 2008 brochure describes a 200 horsepower six-cylinder engine, a glass cockpit, side yokes, a single power lever and the CAPS parachute. It is aimed at personal travel and flight training.

KEY TAKEAWAYS

- Brochure figures: cruise up to 156 knots and 785 nm maximum range with reserve at 55% power. Treat these as best case, not guaranteed.
- Cirrus lists CAPS parachute, airbag seatbelts and 26G energy-absorbing seats as standard. Check CAPS paperwork against the latest POH temporary changes.
- Cirrus says useful load varies with installed options. Use the specific aircraft's weight and balance data, not brochure numbers.
- Cirrus rates the composite airframe to 12,000 hours. Ask for logbooks showing airframe hours and any service records.

WHAT CIRRUS SAYS ABOUT THE AIRCRAFT

The 2008 brochure describes a 49-inch-wide cabin (124 cm) with leather seats, oversized doors and a rear window. It says the redesigned, longer wings improve climb and fuel economy is up to 18 statute mpg. It cites over 170 Authorized Service Centers. Cirrus states that specifications are not warranted or guaranteed.

MANUALS AND PAPERWORK TO CHECK

The SR20 POH/AFM is FAA-approved in the Normal Category and must be carried in the airplane. The covered editions apply to serials 1268 and subsequent with analog or Avidyne avionics. Later temporary changes include TPOH 13-06 (CAPS descriptions, revised Oct 29, 2013) and TPOH 15-14R2 (Sections 7, 8 and 10). An optional VFR-only SRV configuration exists on serials 1337 and subsequent, so confirm which configuration you are buying.

ACCIDENT LESSON: CROSSWIND LANDING

A Malaysian AAIB report covers a 2008 SR20 G3 landing at Tioman on 1 Feb 2018. The airplane floated in a gusty crosswind, bounced, veered off the runway and hit the perimeter fence. All four aboard were uninjured. The airplane had substantial structural damage. The pilot had about 139 hours total time and felt a go-around was not possible because of terrain.

SPECIFICATIONS

Engine Power Hp	200
Cabin Width In	49

PERFORMANCE

Max Cruise Speed Kt	156
Max Range With Reserve Nm	785

SAFETY NOTES

- The 2018 SR20 G3 accident report describes a floated, bounced crosswind landing that ended in a runway excursion. Go around early when a landing is not stabilised.
- Cirrus says brochure specifications and useful load are not guaranteed. Always consult the specific aircraft's weight and balance data for flight planning.
- The airport's AIP in that report advised first-time pilots to be checked out by a qualified instructor. Get type-specific transition training before flying an SR20 G3.