

Cirrus SR20 G6 Model Guide

The Cirrus SR20 G6 is a single-engine piston airplane built from 2017, seating 4 to 5 with 60/40 Flex Seating. The 2020 model lists a Lycoming IO-390-C3B6 215 HP engine, a Cirrus Perspective+ by Garmin cockpit and the CAPS parachute. The wider SR20 family reaches up to 156 kt, 760 nm and 17,500 ft, but confirm G6 figures in the POH.

KEY TAKEAWAYS

- 2020 SR20: base weight 2122 lbs, useful load 1028 lbs, cabin payload 774 lbs with 3 hr trip fuel and 45 min reserve.
- Maximum takeoff weight is 3150 lbs. The pilot is responsible for loading within weight and CG limits.
- Standard: CAPS parachute, front-seat airbag belts, GFC 700 autopilot with ESP, dual alternators, ADS-B In and Out.
- Older SR20 papers in the file show a Continental IO-360-ES 200 HP. Match engine and serial number to the G6 records.

PAYLOAD AND WEIGHTS

The 2020 SR20 lists base weight 2122 lbs and useful load 1028 lbs. The Premium version weighs 2140 lbs. Options change weight: air conditioning adds 55 lbs, Cirrus Global Connect adds 6 lbs, and the Hartzell 3-blade carbon composite prop subtracts 25 lbs. Maximum takeoff weight is 3150 lbs. Allow about 9 lbs of fuel for start, taxi and run-up.

EQUIPMENT AND COCKPIT

The standard cockpit is Cirrus Perspective+ by Garmin with 10-inch screens, synthetic vision, dual WAAS GPS/Comm/Nav radios, a GMA 350c audio panel and Cirrus IQ. Premium adds 12-inch screens, a digital 4-in-1 standby instrument, Active Traffic and remote keyless entry. Hypoxia check/automated descent mode and autopilot stall protection are standard.

WHAT TO CHECK BEFORE BUYING

Confirm the serial number and avionics against the POH, which covers Perspective+ serials 2220, 2339 and subsequent. Review airworthiness directives and service bulletins; Cirrus IQ gives owners access to them. Verify the CAPS repack date, installed options such as air conditioning, and the Spinner-to-Tail warranty status (2 Year / 1000 Hour on the 2020 model).

SPECIFICATIONS

Engine Power Hp	215
Base Weight Lbs	2122
Useful Load Lbs	1028
Cabin Payload Lbs	774
Premium Weight Lbs	2140

WEIGHT & BALANCE

Max Takeoff Weight Lbs	3150
Start Taxi Fuel Lbs	9
Lemac Inches	133.1
Mac Inches	47.7

SAFETY NOTES

- ESP corrects unusual flight attitudes even when the autopilot is not engaged, and the yoke pushes forward to correct low airspeed.
- CAPS is fitted to every airplane. Check its repack and maintenance records before purchase.
- Changes to basic empty weight and CG are the operator's responsibility. Use the airplane's own weight and balance record.