

Cirrus SR22T G6 Model Guide

Cirrus SR22T G6 is a single-engine piston Cirrus, listed from 2017, with a Continental TIO-550-K turbocharged engine and seating for 4 to 5. This guide uses the Cirrus SR22 TKS supplement, an SR2x prebuy scope, a type acceptance report and service notices. None of them give cruise or range figures.

KEY TAKEAWAYS

- Max takeoff weight is 3600 lb on SR22T s/n 0422 and later. Earlier airplanes are 3400 lb (type acceptance report).
- Seats: 4, or 5 on s/n 0251 and on s/n 0268 and later. The engine is a Continental TIO-550-K.
- Budget about 10 hours of labor for a turbocharged Cirrus prebuy. The scope has two phases and can stop early.
- With TKS installed, 8.0 gallons are usable and flight into known icing is approved if the equipment is fully functional.

TURBO AND ENGINE PREBUY CHECKS

The SR2x prebuy has two phases, and high-cost findings in Phase 1 can end it early. Engine items: hot compressions, cylinder head cracks, borescope, oil filter cut-open for metal. Turbo items: wastegate linkage upgraded to cable, slave wastegate clevis pin wear, V-band clamps (life-limited at 350-450 hours), intercooler flanges, exhaust cracks.

ICE PROTECTION (TKS)

The Cirrus TKS supplement covers flight into known icing. Capacity is 8.0 gallons usable, 4.0 in each wing tank. Limits: minimum 95 KIAS in known icing, maximum 177 KIAS and 204 KTAS for anti-ice operation, 120 KIAS recommended holding speed, 3600 lb maximum weight. Minimum operating temperature is -30°F. Check that every item on the Kinds of Operation list is installed and working. The supplement is for the SR22, so confirm it applies to the SR22T airframe.

RECORDS, AVIONICS AND OPTIONS

Ask for complete logbooks, AD and SB compliance lists, and proof of the Airworthiness Limitations and hose replacement schedule. SB2X-33-07R1 is an optional LED landing light kit (3.0 man-hours) for SR22T s/n 0001-0267 without the Anniversary Option. Garmin lists an optional Perspective+/G1000 NXi retrofit for G6 airplanes with Perspective. An aftermarket Tanis cabin heater kit adds about 2.0 lb.

SPECIFICATIONS

Engine	Continental TIO-550-K
Seats Max	5
First Year	2017
Tks Usable Capacity Gal	8

V-SPEEDS

Min Known Icing Speed Kts	95
Max Anti Ice Operation Speed Kts	177
Recommended Holding Speed Kts	120

WEIGHT & BALANCE

Max Takeoff Weight Lbs	3600
Earlier Max Takeoff Weight Lbs	3400
Max Known Icing Weight Lbs	3600

SAFETY NOTES

- Flight into freezing rain or freezing drizzle is prohibited. At the first sign of anti-ice malfunction, exit icing conditions immediately.
- Takeoff is prohibited with any ice, snow, frost or slush on the wing, stabilizers, control surfaces, propeller blades or engine inlet.
- Get CAPS-specific training before flying a Cirrus. Cirrus recommends recurrent training every 6 months, with CAPS added at least once a year.

AI-aggregated guide for the Cirrus SR22T G6 · sources: Pilot's Operating Handbook and FAA Approved Airplane Flight Manual Supplement for the TKS Anti-Ice System (#18268) · Cirrus SR2x Prebuy Examination—Scope and Detail (#18132) · Type Acceptance Report TAR 3/21B/17 – Cirrus SR20/22 (#18180) · Cirrus SR2X Service Bulletin SB2X-33-07R1 (#18165) · AVIATION SERVICE DOCUMENT NOTIFICATION (#18283) · INSTRUCTION – HEATER INSTALLATION (#18178) · CAPS Syllabus - Pilot Edition (#18199) · generated 2026-10-15 · Reference only, not for flight. Check the original documents before relying on this guide.