

BEECHCRAFT KING AIR B200C Model Guide

BEECHCRAFT KING AIR B200C is a turboprop in the King Air B200 family (B200, B200CGT, B200CT, B200GT, B200T). The family reaches up to 2070 nm, 286 kt and 35000 ft, with up to 14 passengers. The aircraft-specific figures below come from a Halo 250 Commuter category conversion supplement, not the standard aircraft.

KEY TAKEAWAYS

- Family-level maxima: up to 2070 nm range, 286 kt cruise, 35000 ft ceiling, 5700 kg MTOW. These are not B200C-specific figures.
- The Halo 250 conversion sets max takeoff weight at 13,420 lb and limits the cabin to nine passenger seats because there is a single emergency exit.
- G1000 NXi aircraft with a third-party CVR may need Garmin Service Bulletin 22095 (software 2286.15).
- Many STC modifications (engines, propellers, winglets, cargo pods) are listed as compatible with the Halo 250 conversion, so check the installed STCs.

HALO 250 CONVERSION LIMITS

The Halo 250 supplement applies to the King Air 200C and B200C, among others. Weights: ramp 13,510 lb, takeoff 13,420 lb, landing 12,500 lb on standard gear or 13,420 lb on high flotation gear. Seating is capped at nine. It requires attitude, altitude and airspeed displays on at least two separately powered instruments.

MODIFICATIONS TO VERIFY

The supplement lists 34 compatible STCs. They include PT6A-42, -52 and -61 engine conversions, Raisbeck and BLR propellers, BLR winglets, Garmin G1000, cargo pods and air ambulance fits. Cargo pods need a different supplement. Confirm each STC is documented, and that any other modification was checked for Commuter category compatibility.

GARMIN G1000 CVR NOTICE

A September 25, 2023 Garmin notice covers the B200C with a G1000 NXi installed under STC SA01535WI-D. It applies to software 2286.07 through 2286.14 with GMA 1360D audio panels and a third-party CVR. Bulletin 22095 required software 2286.15 by October 31, 2023. Ask for proof of compliance.

SPECIFICATIONS

Engine Type	turboprop
Max Passenger Seats Halo 250 Conversion	9

PERFORMANCE

Family Max Range Nm	2070
Family Max Cruise Speed Kt	286
Family Max Service Ceiling Ft	35000

V-SPEEDS

One Engine Inop Best Angle Climb Vxse Kts	115
One Engine Inop Best Rate Climb Vyse Kts	121
Air Minimum Control Speed Vmca Kts	86
Vmca Raisbeck Prop Kts	91
Vmca Blr Prop Kts	92
Emergency Descent Kts	181
Max Range Glide Kts	136
Vref Flaps Up At 13420 Lbs Kts	135

WEIGHT & BALANCE

Max Ramp Weight Lbs	13510
Max Takeoff Weight Lbs	13420
Max Landing Weight Standard Gear Lbs	12500
Max Landing Weight High Flotation Lbs	13420

SAFETY NOTES

- Single-engine reversing on low-traction surfaces needs extreme care, according to the supplement warning.
- With ice remaining on the wings, add 15 kt to VREF and 25 percent to landing distance (flaps-up and one-engine-inoperative procedures).
- Do not silence the gear warning horn on a flaps-up landing, because the flap-actuated part of the warning system will not work.