

BEECHCRAFT B200GT Model Guide

The BEECHCRAFT B200GT is a King Air turboprop in the B200 family. Family variants go up to 14 passengers, 286 kt cruise, 2070 nm range and 35000 ft ceiling (family maxima, not B200GT figures). The documents mostly cover the King Air 250 conversion with PT6A-52 engines rated 850 SHP.

KEY TAKEAWAYS

- Family-level maxima only: up to 14 passengers, 286 kt, 2070 nm and 35000 ft. Do not treat them as B200GT figures.
- King Air 250 (STC SA11103SC) weights: 13,420 lb takeoff, 13,510 lb ramp, 12,500 lb landing. Seats are limited to nine.
- Check the logbooks for AD 2010-26-03 (tail deice tube) and for service bulletin MTB-27-01 (rudder trim transducer cable).
- Confirm which avionics are fitted. The G1000/GFC 700 supplement lists the B200GT, and the Fusion maintenance manual is also referenced.

WEIGHTS AND ENGINES (KING AIR 250 CONVERSION)

Under the Halo 250 supplement: maximum ramp weight 13,510 lb, takeoff 13,420 lb, landing 12,500 lb with standard gear. Wing loading is 44.3 lb per sq ft and power loading 7.9 lb per shp. Engine model PT6A-52, 850 SHP, 2230 ft-lbs, 2000 RPM. Autofeather must work for takeoff.

SAFETY SYSTEMS AND PAYLOAD

The CenTex safety systems conversion adds a takeoff trim warning, a stall warning ice mode, an engine fire extinguisher, emergency cabin lighting and escape path markings. Revision 2 raises maximum zero fuel weight from 11,000 lb to 11,500 lb, adding 500 lb of payload. Verify the airplane's actual STC status and paperwork.

AIRWORTHINESS ITEMS TO VERIFY

AD 2010-26-03 (effective December 20, 2010) covers Model B200GT. It requires an icing-limit placard and replacement of the entire tail deice pneumatic supply tube. Service bulletin MTB-27-01 (recommended, January 2021) moves the rudder trim transducer cable. It applies only to listed B200GT serials with a factory flight data recorder.

SPECIFICATIONS

Engine Model	PT6A-52
Engine Power Shp	850
Engine Torque Limit Ft Lbs	2230
Engine Max Rpm	2000
Wing Loading Lbs Per Sq Ft	44.3
Power Loading Lbs Per Shp	7.9
Max Passenger Seats	9

V-SPEEDS

Stall Speed Flaps Down Kts	75
Stall Speed Flaps Approach Kts	82
Stall Speed Flaps Up Kts	92

WEIGHT & BALANCE

Max Ramp Weight Lbs	13510
Max Takeoff Weight Lbs	13420
Max Landing Weight Lbs	12500
Max Zero Fuel Weight Lbs	11500
Max Fuel Imbalance Lbs	300
Max Fuel Imbalance One Engine Inoperative Lbs	1000

SAFETY NOTES

- AD 2010-26-03: a collapsed tail deice supply tube could stop the boots working, which could lead to loss of control in icing. Confirm the AD was complied with.
- Fuel imbalance limit between wings is 300 lb, or 1,000 lb with one engine inoperative (King Air 250 supplement).
- The King Air 250 conversion limits the cabin to nine passenger seats because of a single emergency exit.