

Beechcraft King Air 250 Model Guide

The Beechcraft King Air 250 is a twin-turboprop business aircraft, in production since 2011. It has two 850 shp Pratt & Whitney Canada PT6A-52 engines, winglets and Pro Line Fusion avionics. Published figures show up to 9 occupants, 310 ktas max cruise and 1,720 nm ferry range. Standard max takeoff weight is 12,500 lb, with a 13,420 lb commuter-category option.

KEY TAKEAWAYS

- Max takeoff weight is 12,500 lb standard. The enhanced payload option allows 13,420 lb in the commuter category.
- Published performance: 310 ktas cruise, 1,720 nm ferry range, 2,111 ft takeoff at MTOW, 35,000 ft max operating altitude.
- Useful load is 3,760 lb and max occupants is 9. The used example listed here has a six-seat cabin.
- Confirm which STC upgrades are fitted (Halo 250, winglets, props, Raisbeck parts). They change weights, speeds and paperwork.

WEIGHTS AND THE HALO 250 OPTION

The Halo 250 STC (SA11103SC) raises max takeoff weight from 12,500 to 13,420 lb, a 920 lb payload gain, by certifying the airplane in the commuter category. The kit was listed at \$98,500 with about 200 hours of installation labor. A BE-200 type rating is required, and the cabin is limited to nine seats because of a single emergency exit.

WHAT A USED EXAMPLE LOOKS LIKE

A 2016 King Air 250 (N729MJ) was listed with 1078.4 hours and 917 landings as of 8 April 2025. It had Pro Line Fusion avionics, composite winglets, Hartzell composite 93-inch four-blade propellers, RVSM capability, a six-seat cabin and Wi-Fi. It also carried ESP Silver and ProParts programs. The listing says specifications are subject to verification by the purchaser.

PRE-BUY CHECKS

Verify the engine fire extinguisher squib wiring. Incorrect wiring can still test OK but fail to fire. Confirm the winglet placard is present. Check whether composite propellers (STC SA02130SE) are fitted. The related propeller de-ice boot protection circuit kit is noted as not currently available. Confirm which weight category the airplane is certified in.

SPECIFICATIONS

Max Occupants	9
Engine Power Each Shp	850
Basic Operating Weight Lb	8830
Useful Load Lb	3760
Max Payload Lb	2170
Internal Baggage Capacity Lb	550
Propeller Diameter Inches	93

PERFORMANCE

Max Range Nm	1720
Max Cruise Speed Kt	310
Takeoff Distance Ft	2111
Max Operating Altitude Ft	35000

V-SPEEDS

Va Kts	181
Vmo Kts	259
Vmca Kts	92
Vx Kts	100
Vy Kts	125
Vxse Kts	105
Vyse Kts	116
Max Range Glide Kts	135

WEIGHT & BALANCE

Max Takeoff Weight Lbs	12500
Max Landing Weight Lbs	12500
Max Zero Fuel Weight Lbs	11000
Basic Operating Weight Lbs	8830
Useful Load Lbs	3760
Max Payload Lbs	2170
Enhanced Max Takeoff Weight Lbs	13420
Enhanced Useful Load Lbs	4645

SAFETY NOTES

- Miswired engine fire extinguisher squibs can pass the cockpit test yet not fire; the circuit breaker opens instead. Have the wiring verified.
- Commuter-category operation at 13,420 lb needs a BE-200 type rating, and the cabin is limited to nine seats.
- If cabin differential pressure exceeds 6.6 psi: set bleed air valves to ENVIRONMENT OFF, use oxygen as required, and descend.