

BEECHCRAFT KING AIR 350I Model Guide

The BEECHCRAFT KING AIR 350I is a twin-engine turboprop certified for a single pilot, with provisions for up to nine passengers (nine is standard). The August 2018 Textron Aviation specification covers serial numbers FL-1161 onward. It has two Pratt & Whitney Canada PT6A-60A engines, Hartzell four-blade propellers and a Rockwell Collins Pro Line Fusion avionics suite.

KEY TAKEAWAYS

- Maximum cruise is 312 KTAS (26,000 ft, 12,000 lb cruise weight, maximum cruise power). Maximum certified altitude is 35,000 ft.
- NBAA IFR range is 1,485 NM at max weight with full fuel payload. Ferry range is 1,806 NM with one pilot and no payload.
- Maximum takeoff weight and maximum landing weight are both 15,000 lb. Usable fuel is 3,611 lb.
- Certified for flight into known icing. RVSM-compliant, but the operator needs specific approval to use RVSM airspace.

CABIN, AIRFRAME AND EQUIPMENT

The cabin is 24 ft 10 in long (forward bulkhead to aft bulkhead), 4 ft 6 in wide and 4 ft 9 in high, with a dropped aisle. It has a metallic square-oval fuselage, a straight wing with composite winglets and a T-tail. One interior and two exterior storage compartments carry baggage and cargo.

HOW THE PERFORMANCE FIGURES ARE DEFINED

Figures assume a standard aircraft in ISA conditions with zero wind. Takeoff and landing lengths assume a flat, dry, hard sea-level runway. Takeoff field length is 3,300 ft at max takeoff weight. Landing distance is 2,692 ft with no prop reverse. Individual aircraft will vary.

WHAT TO CHECK BEFORE BUYING

The specification is a general description. Seller may revise it, and the Aircraft Purchase Agreement controls if the two conflict. Confirm that the airframe matches the serial range. Budget for any modifications needed for international certification, which the purchaser pays for. Confirm RVSM approval.

SPECIFICATIONS

Engines	Two Pratt & Whitney Canada PT6A-60A turboprops
Passengers Standard	9
Overall Length	46 ft 8 in
Wingspan	57 ft 11 in
Overall Height	14 ft 4 in
Cabin Length	24 ft 10 in
Cabin Width	4 ft 6 in
Cabin Height	4 ft 9 in

PERFORMANCE

Max Cruise Speed Kts	312
Max Certified Altitude Ft	35000
Max Ferry Range Nm	1806
Nbaa Ifr Range Nm	1485
Takeoff Field Length Ft	3300
Landing Distance Ft	2692

V-SPEEDS

Vmo Kts	263
Vfe Approach Kts	202
Vfe Full Down Kts	158
Gear Extension Kts	184
Gear Retraction Kts	166
Gear Emergency Operating Kts	184

WEIGHT & BALANCE

Max Ramp Weight Lbs	15100
Max Takeoff Weight Lbs	15000
Max Landing Weight Lbs	15000
Max Zero Fuel Weight Lbs	12500
Basic Operating Weight Lbs	9955
Usable Fuel Lbs	3611

SAFETY NOTES

- Do not exceed 263 KIAS (VMO) from sea level to 21,000 ft, or Mach 0.58 indicated (MMO). Design load limits with flaps up are -1.24 to +3.10G.
- Flap limit speeds are 202 KIAS (approach) and 158 KIAS (full down). Gear extension limit is 184 KIAS and retraction limit is 166 KIAS.
- Basic operating weight of 9,955 lb assumes one 200 lb pilot. Check actual weight and balance for each flight.