

Beechcraft King Air 300 Model Guide

The Beechcraft King Air 300 is a twin-engine turboprop powered by Pratt & Whitney Canada PT6A-60A engines. The library lists production from 1984 to 1992. GuardianJet lists 1984 to 1994 and 205 built. The library gives 6 to 13 seats. GuardianJet gives 8 typical and up to 10. GuardianJet lists range at 1,480 nm and ceiling at 35,000 ft.

KEY TAKEAWAYS

- GuardianJet (2020) lists asking prices of \$895,000 to \$1,750,000 for 1984-1993 models with 5,500 to 12,080 hours. 15 were for sale, 8% of the fleet.
- The same report gives a typical purchase price of \$1,322,500. Fixed costs are \$306,859 a year at 300 hours, and crew is the biggest line at \$254,800.
- Common upgrades are Raisbeck strakes and props, BLR winglets and a Garmin G1000 retrofit. Confirm which are fitted and get the STC paperwork.
- Ask for the wing-bolt washer service bulletin compliance record. Check the airframe serial number against the bulletin's effectivity list.

PERFORMANCE AND CABIN

GuardianJet lists range 1,480 nm, ceiling 35,000 ft, takeoff distance 3,950 ft and landing distance 2,480 ft. The cabin is 16.7 ft long, 4.5 ft wide and 4.8 ft high. The registry family (300 and 300LW) shows up to 2,070 nm, 299 kt, 6,300 kg MTOW and 15 passengers. Those are family maxima, not this variant's figures.

COMMON UPGRADES

Raisbeck dual aft body strakes raise the 300's yaw-damper-inoperative altitude from 11,000 ft to 18,500 ft. Raisbeck swept props (4-blade aluminum or 5-blade composite) carry a 6-year/4,000-hour TBO. High flotation gear doors add 8 to 12 kt. BLR winglets claim 300+ fpm more climb, 3 to 6 kt more cruise and 3.5% less fuel burn (non-certified estimates).

MAINTENANCE AND TRAINING

Both the FAA fleet document and GuardianJet cite PT6A-60A engines. The FAA fleet statement of work covers A, B, C and D scheduled inspections. A Raisbeck air/oil separator is available under STC SA00976CH. Type rating entry needs 200 flight hours with 70 PIC. Recurrent training needs 1000 total hours, 100 turbine and 250 multi-engine.

SPECIFICATIONS

Engine Count	2
Cabin Length Ft	16.7
Cabin Width Ft	4.5
Cabin Height Ft	4.8

PERFORMANCE

Range Nm	1480
Service Ceiling Ft	35000
Takeoff Distance Ft	3950
Landing Distance Ft	2480

SAFETY NOTES

- Service Bulletin MTB-57-01 (5 March 2020): inspect the aft upper and lower wing bolts for a wrong 95-110025-3 washer. Replace it with 95-110025-7 within 200 flight hours.
- The bulletin lists serials FL-817 to FL-1065 and FM-53 to FM-66 for the B300 models. Check your serial number and the compliance logbook entry.
- GuardianJet's production years and fleet counts differ from the library's. Verify the aircraft's configuration and history against its records and flight manual.