

PERFORMANCE

MAXIMUM SPEED 247 kts. (284 mph)

CRUISING SPEEDS (TAS)

Average Cruise Weight 8,500 lbs.

Maximum Cruise Power (1,900 RPM)

At 12,000 ft. 242 kts. (279 mph)

At 16,000 ft. 247 kts. (284 mph)

At 21,000 ft. 243 kts. (280 mph)

CRUISE RANGE FOR 384 Gal. Usable at 6.7 lb./gal.

Range allows for taxi and runup; includes cruise, climb and descent, and allows for a 45 minute reserve fuel at maximum range power; standard atmosphere conditions and 10,100 lbs. takeoff weight.

Maximum Cruise Power (1,900 RPM)

At 12,000 ft. 866 NM (997 mi.)

At 16,000 ft. 933 NM (1,074 mi.)

At 21,000 ft. 1,075 NM (1,237 mi.)

Maximum Range Power (1,900 RPM)

At 12,000 ft. 1,054 NM (1,213 mi.)

At 16,000 ft. 1,155 NM (1,329 mi.)

At 21,000 ft. 1,277 NM (1,470 mi.)

RATE OF CLIMB AT SEA LEVEL

Two Engines

At 10,100 lbs. 2,003 ft./min.

At 8,000 lbs. 2,738 ft./min.

One Engine

At 10,100 lbs. 554 ft./min.

At 8,000 lbs. 920 ft./min.

SERVICE CEILING

Two Engines (100 ft./min.)

At 10,100 lbs. Above 28,900 ft.

At 8,000 lbs. Above 32,410 ft.

One Engine (50 ft./min.)

At 10,100 lbs. 14,260 ft.

At 8,000 lbs. 19,810 ft.

STALL SPEEDS (Power Idle at 10,100 lbs.)

IAS

Flaps 100% 78 kts. (90 mph)

Flaps 35% 83 kts. (96 mph)

Flaps Up 88 kts. (101 mph)

SPECIFICATIONS

WEIGHTS

Maximum Ramp Weight	10,160 lbs.
Maximum Takeoff Weight	10,100 lbs.
Maximum Landing Weight	9,600 lbs.
Basic Empty Weight (With Unusable Fuel, Full Oil and Standard Avionics)	6,580 lbs.
Useful Load (Standard Airplane)	3,580 lbs.

WING AREA AND LOADINGS

Wing Area	293.94 sq. ft.
Wing Loading	34.4 lbs./sq. ft.
Power Loading	9.2 lbs./shp.

DIMENSIONS

Wing Span	50 ft. 3 in.
Stabilizer Span	17 ft. 3 in.
Length	35 ft. 6 in.
Height to Top of Fin	14 ft. 3 in.
Cockpit Height	57 in.
Cockpit Width	52 in.
Cockpit Door Width	19 in.
Cabin Length (Excludes Pilot's Compartment)	152 in.
Cabin Width	54 in.
Cabin Height	57 in.
Entrance Door	27 in. x 51.5 in.
Aft Baggage Compartment Capacity	350 lbs., 53.5 cu. ft.
with Optional Aft Lavatory Installation	26.5 cu. ft.

PRESSURIZATION

(5.0 Differential)

Actual Aircraft Altitude

Cabin Altitude

11,065 ft.	Sea Level
23,120 ft.	8,000 ft.
26,500 ft.	10,000 ft.



KING AIR C90A. WHAT A DIFFERENCE AN MAKES!

When the first King Air Model 90 rocked its wings at spectators below, benefits of general aviation opened up for a new class of business travelers. Suddenly, executives who till then had settled for a piston twin could step up to pressurized turboprop efficiency, speed, comfort and—above all—Beechcraft quality and reliability.

King Airs have blazed many a business trail since then, and today's new enhanced C90A reflects the experience of all that went before. But aside from the new pitot cowls and obvious cosmetic changes, the startling evolution of the C90A might not be apparent. Here's the C90A today:

- Max cruise boosted to 247 KTAS, up 12 knots from the latest predecessor and a full 19 knots from the original Model 90.

- Pressurization increased to provide an 8,000-ft. cabin at 23,000 feet.
- Payload upped so you can carry a pilot, four passengers, full fuel, and more than 100 pounds of baggage.
- New hydraulic landing gear. Quieter, smoother, more reliable, easier to maintain.
- New pitot cowls increase ram air efficiency by 30%. Air intake heated constantly by engine exhaust to prevent icing.
- New fail-safe main wing spar tension member with redundant load paths and clevis fittings.
- Cockpit layout redesigned for smoother single-pilot operations.
- Electronic HSI, rudder boost, and autofeather standard features; long-range navigation system available.

The magazine AOPA Pilot noted that the C90A has outlived all other turboprops in its class and summed it up: "An airplane able to carry passenger loads at a comfortable altitude, withstand most icing conditions, avoid severe weather, travel over 1,000 nm on a single fuel load, hold a great deal of value in the used market place and still be reassuring to fly is a winner indeed."

For more information, call our new Flight Line for pilots. Talk directly to one of our pilots. We'll put together a package for you—brochures, spec sheets and the like—and mail it the same day. We'll even fax it, if you prefer. Specialized data relating to your mission profiles will take a little longer. Just call 1-800-835-7767 Ext. 7138.

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