

King Air C90 Gtx



V Speeds

Symbol	Notes	Indicated Air Speed
V_{mca}		90 KIAS
V_{sse}		97 KIAS
V_x		101 KIAS
V_y		111 KIAS
V_{xse}		100 KIAS
V_{yse}		107 KIAS
V_a		169 KIAS
V_{ref}		100 KIAS
V_{mo}		208 KIAS
V_{fe}	35%	178 KIAS
	100%	137 KIAS
V_{le}		156 KIAS
	Retraction Only	129 KIAS

Other

Balked Landing Climb	95 KIAS
Glide	125 KIAS
Turbulent Air	161 KIAS

Cruise Climb

To 10,000 FT	150 KIAS
10,000 FT - 20,000 FT	130 KIAS
20,000 FT - 25,000 FT	120 KIAS
25,000 FT - 30,000 FT	110 KIAS

Note- Vmca and Vy are not indicated on ASI.

Take-off Speeds

Weight (LBS)	Take-Off Speeds (KIAS)	
	Rotate	At 50'
9650	97	106
9500	96	105
9000	95	104
8500	94	103
8000	92	102

Using the King Air Autopilot (Basic)

- Press the FD button to show the flight director(s)
- Press the button for the heading, it should activate the **HDG** mode, push it a second time and it goes back to **ROLL**.
- Push the heading knob in to set the heading to the heading of the aircraft (SYNC)
- Push the altitude button and it should select altitude hold, push it again to go back to pitch hold.
- Push the vertical speed button, it goes to VS, push again goes back to pitch.
- FLC for a speed hold (IAS climb or descent), use speed knob to select the speed you want... push FLC again, goes back to pitch hold
- When in VS or PITCH you can use the vertical wheel to pitch the nose up/down...

To change the navigation source to follow the FMS flight plan you currently have to press the **NAV/BRG** button



- After selecting the right source on your side make sure the white arrow is pointing to your side (can be changed with the CPL button).
- Then push NAV to arm the capture (When you are close to the route it will engage FMS lateral steering and follow the route.)
- There is no VNAV climb installed in our King air, so climb with **PITCH, VS** or **FLC**.(Descent with **VS, FLC** or **VNAV**)
- Then change source to NAV1 or NAV2 (depending on where you entered the ILS frequency) and then push **APPR** to fly the approach.
- You can also leave it in FMS source and push approach but that will give you an non precision approach.

From: <https://www.aerofly.com/dokuwiki/> - Aerofly FS Wiki

Permanent link: https://www.aerofly.com/dokuwiki/doku.php/aircraft:king_air_c90_gtx

Last update: **2018/09/01 22:07**

