ELITE SIMULATION SOLUTIONS

Version 8.0

Pilot's Operational QuickGuide™

King Air B200

Elite AP2000 / 3000

Nav 1/2:

ON/OFF	- on/off of receiver (incl. COMM)
RAD	- Store button
<-> (NAV)	- flip freq NAV
<-> (COMM)	- flip freq COMM
IDENT	- Audio Switch NAV
Knobs	- change freq

ADF:

ADF	- on/off ADF
FRQ	- flip freq
IDENT	- Audio Switch ADF
SET/RST	- Store button
Knobs	- change freq

DME:

IDENT	- Audio Switch DME

NAV 1/NAV 2-Switch: - flips ADF/NAV button on RMI of NAV 1

AUX 2:   - flips DME selector of HSI

AP:

FD	- 1/2 Bank
ALT	- ALT
HDG	- HDG
NAV	- NAV
APR	- APPR
BC	- AP CPLD
AP ENG	- AP ENG
AP TRIM UP/DOWN	- Pitch Wheel up/down

COWL FLAPS:

Left switch	- Inverter Switch up/down
Right switch	- Autofeather Switch up/down

ALT/VS Preselect:

ENG (VS)	- VS on Autopilot
ARM (ALT)	- ALT SEL on Autopilot
V/S-ALT-Knob	- no function
Knob	- Altitude preselect

MDI-Knob: - Radar altitude selection (will be implemented also in other modules, but only if no MDI is in instrumentation)

CRS-Knob:

CRS/OBS switch in CRS position
- CRS-Knob for CRS in HSI
CRS/OBS switch in OBS position
- CRS-Knob switches DIST/TTG/SPD knob

Elite Pro Panel

Left Magnetos	- Ignition/Engine start
Right Magnetos	- Engine auto ignition
Starter switch	- Cross feed switch in Fuel panel
Spare rockerswitch	- Prop Sync
Fuel boost switches	- Stby Pump switches
Alternator switches	- Generator switches
Pitot Heat switch	- Pitot heat switches (switches both)

Included below are some basic operating instructions for the Collins Flight Control System:

To operate the flight control system in flight director mode only, simply depress ALT and HDG, NAV or APR. The command bars will be present only if HDG, NAV or APR is selected. No flight director function is available with ALT selected only. Deviations in heading and/or altitude from original setting selected will cause the command bars to tilt and/ or move vertically to indicate prescribed corrective flight action. If the Control Wheel Steering (CWS) button is depressed during flight director mode the ALT function if selected will trip off and will need to be reset when desired. If a climb or descent is necessary, use CWS to initiate the necessary pitch attitude and dial the desired level-off altitude into the Set Altitude box. Once the altitude change has commenced select ALT SEL and the command bars will indicate when altitude level-off is required. Electric trim may be utilized during this mode of flight control.

To operate the flight control system in basic autopilot mode, simply press the AP ENG button on the avionics panel. This activates the Yaw Damper (YD) and Autopilot (AP) which by itself is the most basic functional mode. In this mode you may depress and hold the Control Wheel Steering (CWS) button on the left side of the yoke to make pitch and heading changes. When the CWS button is released the aircraft will hold the current heading and maintain the current pitch attitude. This is NOT necessarily an altitude hold feature. The command bars will not be present during this type of operation. During this operation the control knob may also be used to make pitch and heading changes, however, the control knob will only select a rate of vertical speed and/or bank angle. The resultant amount of vertical speed and bank angle is dependent upon the degree of knob deflection. The rocker switch on the autopilot portion of the AP 3000 may be used in place of the control knob for vertical speed selection. There is no alternative switch available for the bank angle function. The mouse must be used for all control knob use on-screen.

King Air B200 Special Features

Elite makes the use of 'pop-ups' to compensate for limited screen size when the display of more instruments or features is required.

To display and clear the overhead mounted Load / Voltmeter panel press F1 on the keyboard.

To uncover the Battery (BAT) and Generator (GEN 1 & GEN 2) switches simply click on the MASTER SWITCH cover. The cover will close automatically after several seconds.

To access the FIREWALL SHUTOFF VALVES simply click on either red switch cap to expose the firewall fuel cutoff toggle. The switch caps will close automatically after several seconds.

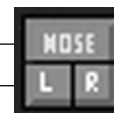**Flaps**   Click with mouse pointer to upper part of the Flaps indicator to retract the Flaps.
Click with mouse pointer to lower part of the Flaps indicator to extend the Flaps.

Gear   Click with mouse pointer to upper part of the Gear lights to retract the Gear.
Click with mouse pointer to lower part of the Gear lights to extend the Gear.

Source for Handbooks: Collins Pro Line II P/N 523-0773070-004117   please consult http://www.collins.rockwell.com
Collins FCS-105 P/N 523-0763450-007117   please consult http://www.collins.rockwell.com
POH King Air B200 P/N 101-590010-147C (approx. US $ 65.–) please consult http://www.raytheon.com/rac