

## KFC 225 Summary of Features

KFC 225 3-axis Autopilot and Flight Director

Filename: **BendixKingAP22!KFC225\_JD**



### Features

#### General

- Comprehensive and accurate simulation of real KFC 225 autopilot and flight director.
- Full documentation (Pilot's Guide) provided.

#### Autopilot and Flight Director

- Operates like real autopilot – various issues with Flight Simulator autopilot corrected.
- Altitude capturing/alerting is provided.
- The FD (flight director) button engages the autopilot in the default wing leveller ROL mode and pitch hold PIT mode.
- The AP (autopilot engage) button engages the autopilot, flight director and yaw damper in the default wing leveller ROL mode and pitch hold PIT mode.
- If pressed again, the AP button will disengage the autopilot, a tone will sound, and the AP indicator will flash for 5 seconds.
- Pressing a roll mode button (HDG, NAV, APR or REV) will engage or arm the autopilot in the respective roll mode (heading hold, NAV hold, approach hold or backcourse hold). Pressing again will disengage that mode, reverting to the default PIT mode.
- Pressing the ALT or VS pitch mode button will engage the altitude hold mode or vertical speed mode respectively. Pressing again will reverting back to the default PIT mode.
- Active modes and armed modes are accurately displayed: ROL, HDG, NAV, NAVARM, APR, APRARM, REV, REVARM, PIT, VS, ALT, ALTARM, GS, GSARM, GA.
- The ALT SEL rotary knobs are used to set the required capture/alerter altitude and to engage the altitude capture mode – ALTARM will be displayed.
- The ARM button will also toggle altitude capturing on and off.
- With altitude alerting the ALERT annunciation flashes, and an aural alert sounds, when 1000 feet before the alert altitude is reached, and 200 feet upon leaving.
- The YD button toggles the yaw damper on and off.
- If in PIT mode the UP and DN buttons will increase/decrease the pitch angle.
- If in VS mode the UP and DN buttons will increase/decrease the commanded vertical speed. The commanded vertical speed is displayed for 3 seconds.
- If in ALT mode the UP and DN buttons will increase/decrease the altitude hold reference altitude. The capture/alerter altitude is displayed.
- This autopilot has a go-around (GA) mode. This can be programmed to either disengage the autopilot when go-around is activated, or leave the autopilot engaged.
- A flashing PT with an accompanying arrow-head is an indication of a request for auto trim.

#### Optional Switch

- An external Autopilot Master switch can be used with this autopilot. This simulates removing the power from the unit.

Filename: **BendixKingAP22!APMaster\_Switch\_JD**

