

# Trutrak Flight Systems

## EFIS AP IV Pilot's Guide



March 2008

- Button labels – White - mode is **OFF**, Green - mode is **ON**
- Click – Momentarily push and release any knob or button
- Press – Push and hold any knob or button for 2 seconds and release
- Enter – Click knob labeled [ **Enter** ]

### **Basic Operation**

- Barometer adjust – Rotate right knob
- Track bug adjust – Rotate left knob
- Altimeter bug adjust – Click **ALT** button, bug will synchronize to nearest 100 feet  
Rotate right knob to select new altitude (Depress knob for 100 ft resolution)  
Click [ **Enter** ]
- Altimeter bug cancel – Click **ALT** button
- Dimmer function – Click left knob to enter setup mode  
Rotate left knob to set desired brightness  
Click [ **Enter** ]
- Nav mode – Click **NAV** button
- Nav mode cancel – Click **NAV** button or rotate left knob (Track bug adjust)

### **Autopilot and Flight Director Operation**

- Autopilot on / off – Click **AP / FD** button – on,  
Click **AP / FD** button – off
- Flight Director on / off – Press **AP / FD** button – on,  
Press **AP / FD** button – off
- Track select – Rotate left knob
- Nav mode – Click **NAV** button
- Nav mode cancel – Click **NAV** button or rotate left knob (Track select)
- GPS Steering – Click **GPSS** button
- GPS Steering cancel – Click **GPSS** button or rotate left knob (Track select)
- Altitude select – Click **ALT** button, bug will synchronize to nearest 100 feet  
Rotate right knob to select new altitude (Depress knob for 100 ft resolution)  
Click [ **Enter** ] (Initial VS is +/- 500 FPM)
- Vertical speed adjust – Rotate right knob

- VNAV – Click **ALT**  
Rotate right knob to select altitude below current (Depress knob for 100 ft resolution)  
Click **DIST**  
Rotate right knob to select desired distance  
Click [ **Enter** ]
- WAAS approach – Click **GPSS** (**GPSV** will appear when available)  
Click **GPSV** (Glide slope scale will appear)
- Missed approach – Click **GO AROUND** (Enters Track select and + 500 FPM climb)
- Barometer adjust – Click right knob to enter setup mode  
Rotate right knob to adjust barometer setting  
Click [ **Enter** ]
- Dimmer function – Click left knob to enter setup mode  
Rotate left knob to set desired brightness  
Click [ **Enter** ]

### **Arrival Transition**

(Note: Operation is the same regardless of AP or FD being on or off)

- Arrival Transition – Click **CRS**  
Rotate left knob to set HSI course pointer to selected runway direction  
Click **APPR**

