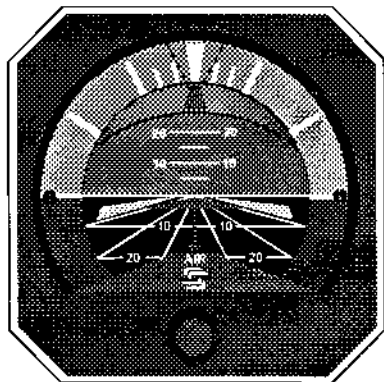
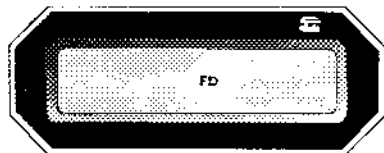


## Single-Cue Flight Director Operation (Optional)



This system, which integrates both the roll axis and pitch axis, offers synchronized display of the flight profile. It is automatically activated when the autopilot is engaged. A Flight Director provides a visual indication of how accurately the pilot or autopilot is tracking the commands of the active mode of operation.



Activation is indicated by the **FD** annunciator on the remote annunciator.

A remote **Parallax Adjustment** is provided to change the height of the horizontal display to compensate for different seat heights and a remote switch allows flight director operation when the autopilot is not in use.

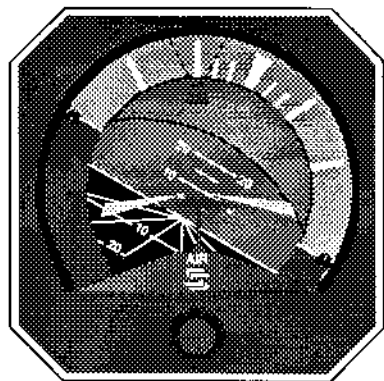
**FD**



**PLX ADJ**



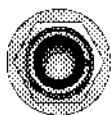
For proper flight technique, the system presentation requires the pilot to roll and pitch the aircraft toward the steering command bars until the delta-shaped reference is tucked into the steering command bars, indicating that commands have been satisfied. For example, if the display is up and left, the pilot would be required to establish a left turn, pitch-up attitude.



As bank angle and vertical speed approach the required amounts, bank angle and pitch-up attitude are shallowed. When the delta reference and the steering bars are matched the commands have been met. Thereafter, it is necessary to maneuver the aircraft to keep the display elements matched in order to accurately fly the programmed modes.

Accurate flight director operation requires alertness by the pilot and monitoring of the movement of the display. Keeping it matched is quite simple. However, control inputs must be timely for accurate flight director following of the desired command.

**FD/AP**



**FD**

For manually controlled flight by the flight director, place the **FD/AP** master switch in the "**FD**" position. This disables the autopilot servos, allowing the pilot to control the aircraft to the flight director commands.

**OFF**

**FD/AP MASTER**

**FD/AP**



**FD**

To engage the autopilot without interruption, simply place the **FD/AP** master switch in the "**FD/AP**" position.

**OFF**

**FD/AP MASTER**

**NOTE: A PITCH MODE (ALT OR VS) MUST BE SELECTED BEFORE THE STEERING COMMAND BARS WILL COME INTO VIEW.**