



ELECTRONIC FLIGHT INFORMATION SYSTEM

EFIS System Components



Select panel & Autopilot

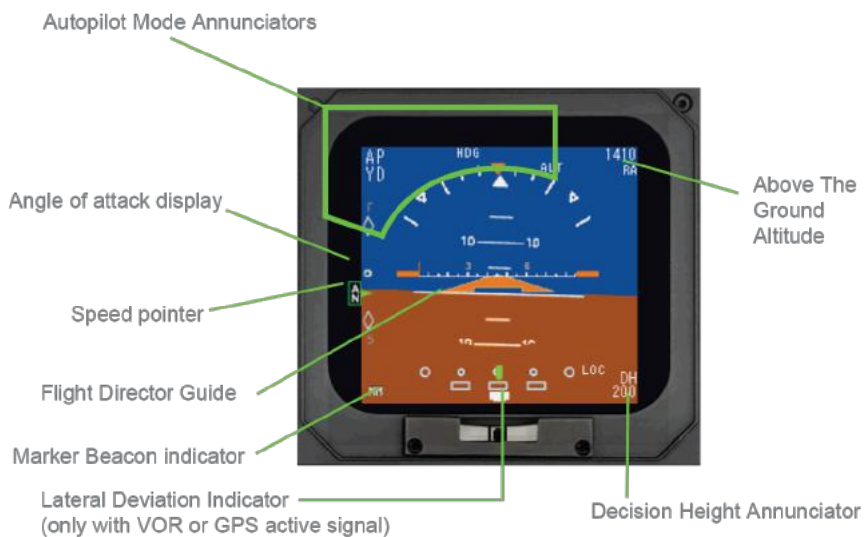


Electronic Attitude Director Indicator (EADI) & Electronic Horizontal Situation Indicator (EHSI)



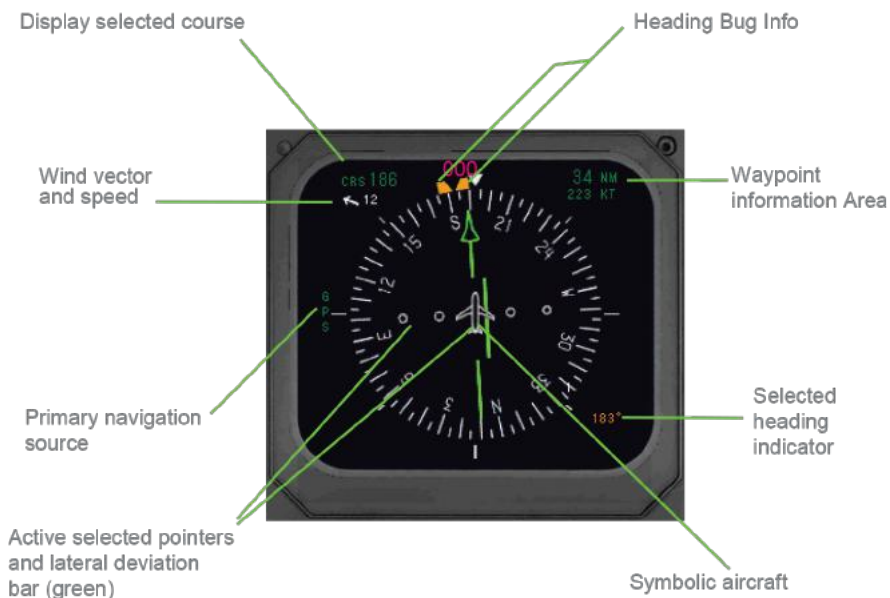
Altitude Preselector

Electronic Attitude Director Indicator (EADI)

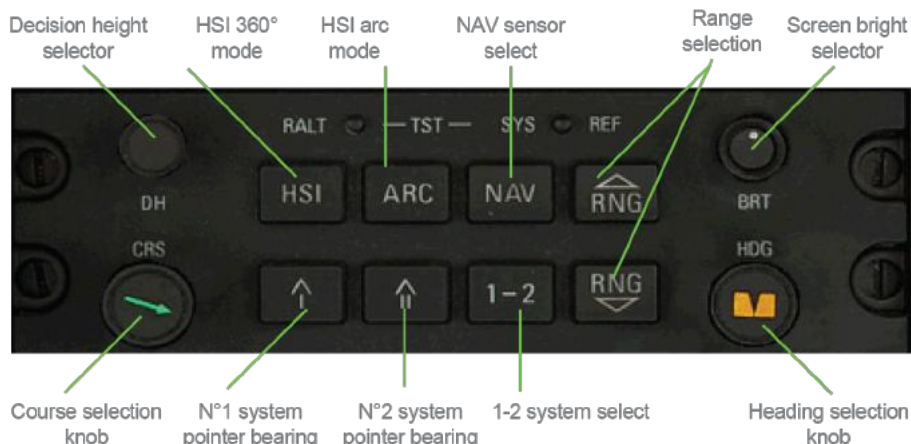


Electronic Horizontal Situation Indicator (EHSI)

HSI Mode Display



EFIS Control Panel



Decision height selector - Use mouse wheel to turn to select the desired decision height

HSI 360° and ARC mode - Switch between HSI modes, 360 degrees or arc, when arc mode is pressed twice switch to MAP mode.

NAV sensor select - Switch navigation source between GPS or NAV.

Range selector - Change the range view in MAP mode.

Screen bright selector - Use mouse wheel to turn to increase or decrease the brightness of EADI and EHSI.

Course selection knob - Use mouse wheel to turn to select desired course, press to sync with the actual course.

N°1 and 2 system pointer bearing - Toggles on and off and switch between NAV1, NAV2 and ADF the desired pointer bearing.

1-2 system select - When the navigation source is set to NAV, switch between NAV1 or NAV2

Heading selection knob - Use mouse wheel to turn to select desired heading, press to sync with actual heading.

Autopilot

Autopilot mode annunciator display



Vertical Speed and Speed
Selector

HDG:	The autopilot will pursue the heading selected by the heading bug on the EHSI.
NAV:	The autopilot will pursue the selected course EHSI. Once the course is caught, the autopilot will hold it. NAV mode will follow NAV1 or NAV2 depending on the selection in the EHSI.
APR:	The autopilot will follow the ILS signal of the NAV1. This mode is recommended for instrument approach.
IAS:	The autopilot will pursue the airspeed at the moment of pressing this button by changing the aircraft pitch.
ALT:	The autopilot will maintain the current altitude.
FD:	Turns ON or OFF the flight director
SOFT RIDE:	INOPERATIVE
HALF BANK:	Enable turn with half of bank angle when AP is operating.
TEST:	INOPERATIVE
YD:	Activate/Disactivate Yaw Damper function.
DN/UP:	When in IAS mode will change the airspeed of the aircraft, in ALT mode will change the vertical speed.
AP:	Engage/Disengage the Autopilot.

Altitude Preselector

Select the desired altitude using the MOUSE WHEEL, then select how the aircraft will reach that altitude: via attitude to maintain SPEED or via VERTICAL SPEED.

If you select VS ENG the aircraft will climb or descend to the desired vertical speed and will not stop at any altitude.

If you choose to use IAS mode, select desired altitude then press IAS button on the autopilot panel to ARM the target altitude. Then, using UP and DN buttons located at the left side of the panel, set the SPEED at which the aircraft will reach that altitude.

Note: when selecting IAS mode the plane will acquire the current speed until it is modified to ascend or descend.

When the ALT button in the AP control panel is pressed, all settings will be erased and the aircraft will perform an altitude hold.



(Use the MOUSE WHEEL for selecting the desired altitude).