

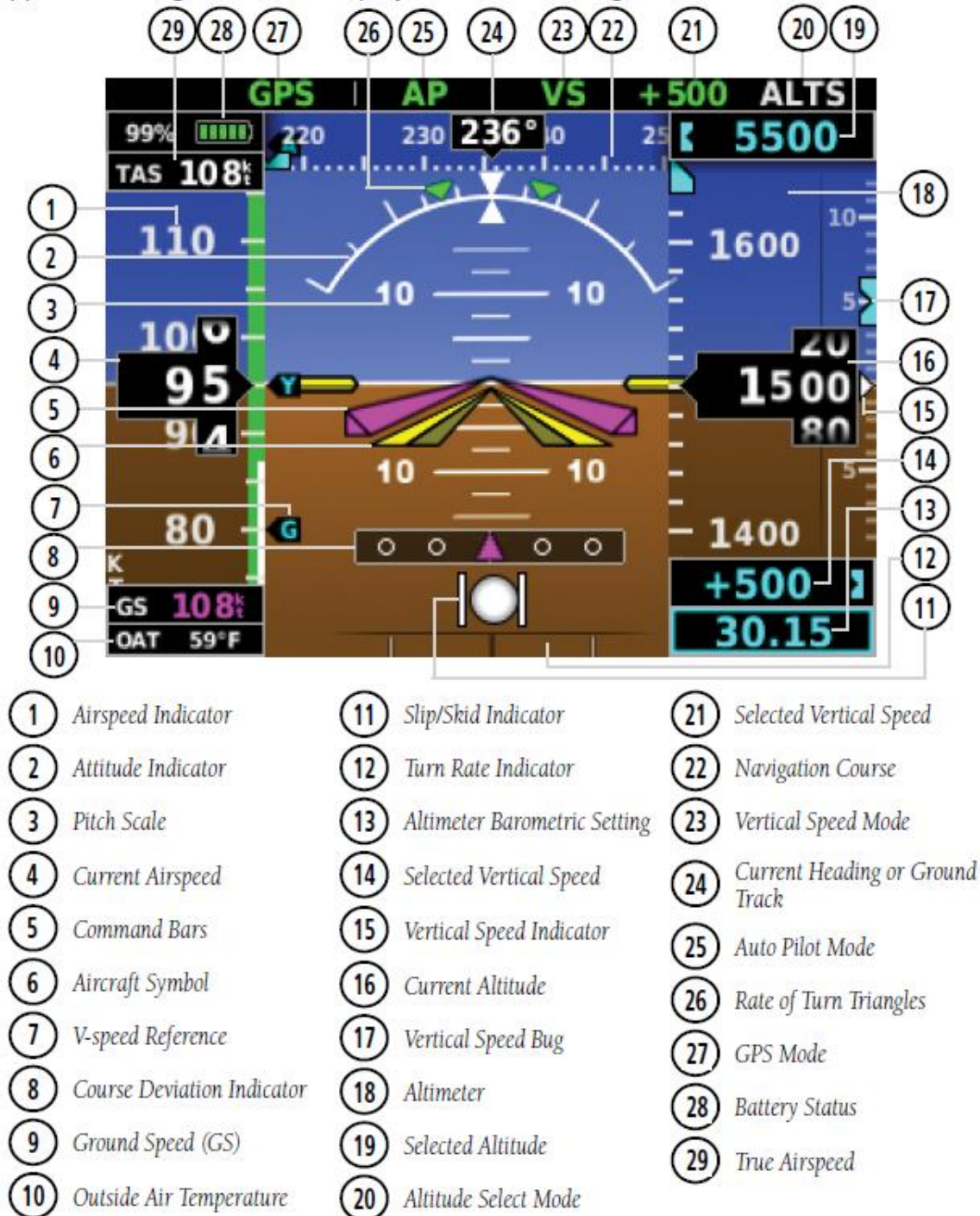
Garmin G5 Overview



G5 has two main pages, the HSI Page and the PFD Page. The HSI Page can be accessed from the PFD Page

Primary Flight Display (PFD) Page

The G5 PFD Page displays a horizon, airspeed, attitude, altitude, vertical speed, heading, and course deviation information. The following flight instruments and supplemental flight data are displayed on the PFD Page.

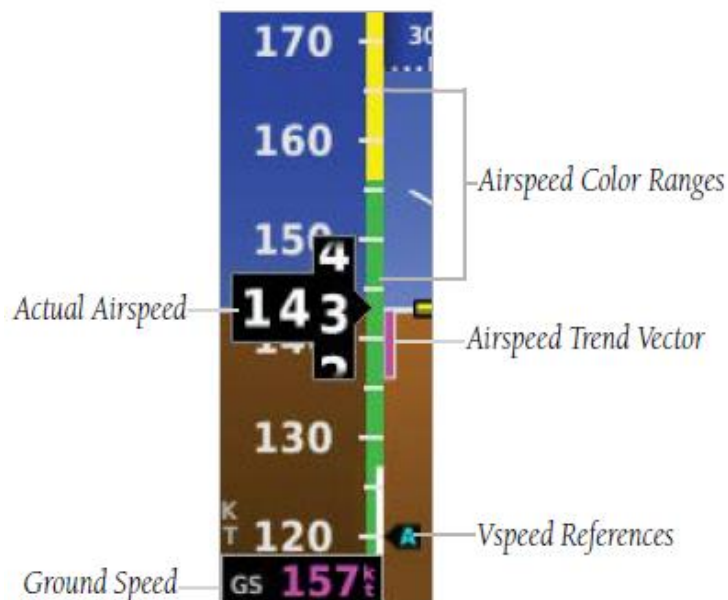


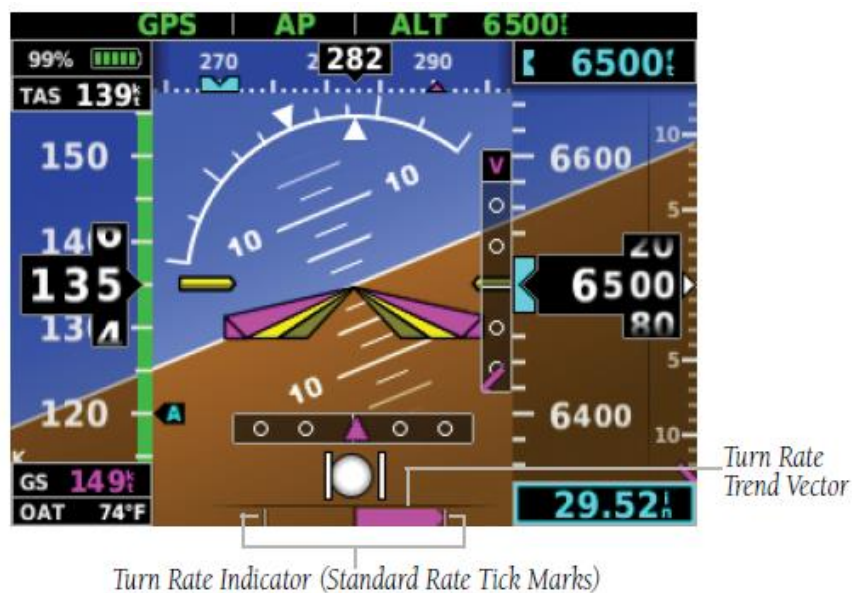
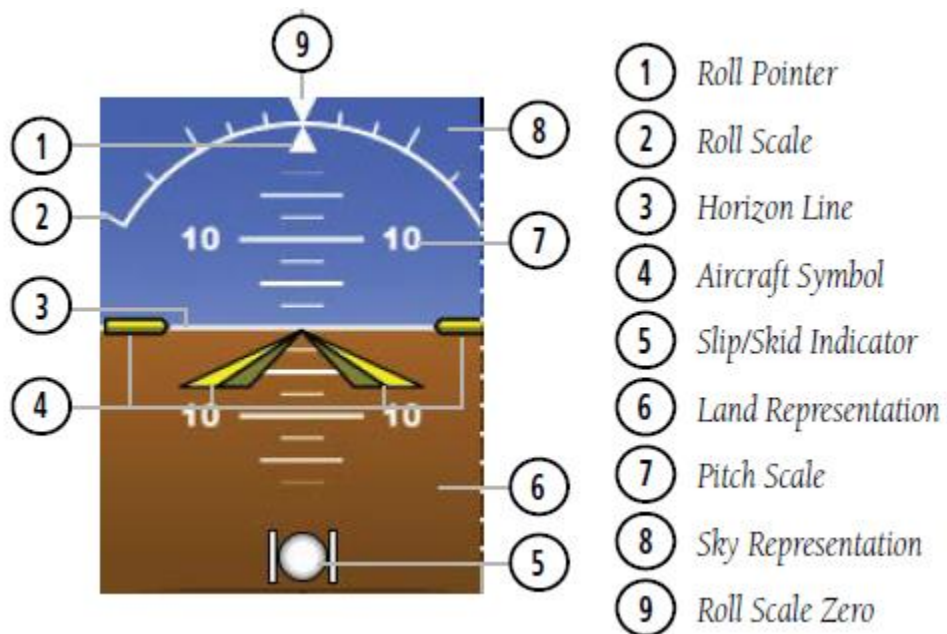


Press the Selection Knob to access the G5 Menu. Navigate the menu by rotating the Selection Knob and make selections by pressing the Selection Knob.



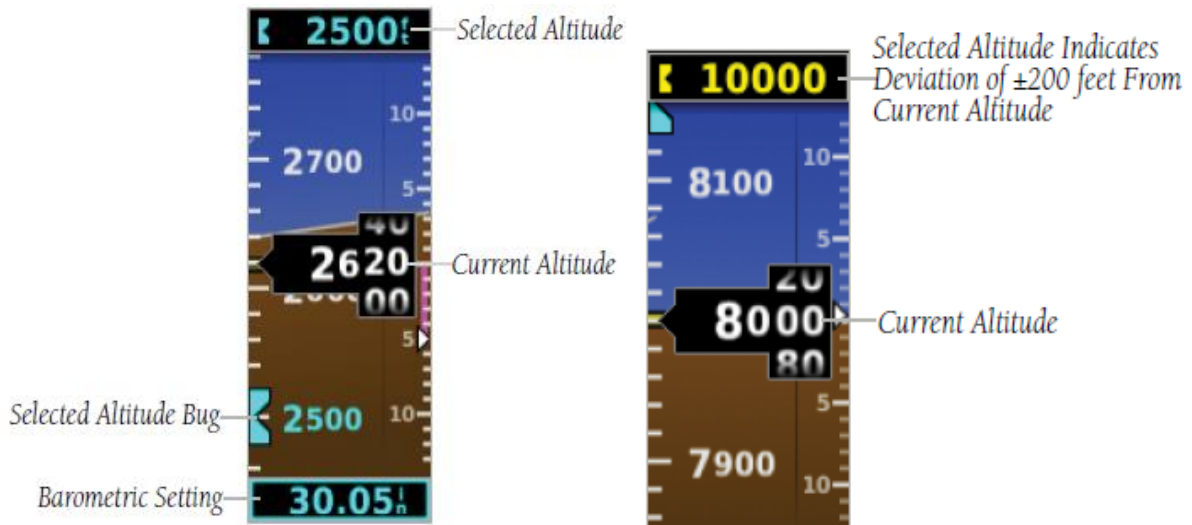
Message [!] indicator appears in the left corner of PFD and HSI Page to alert the pilot of any status messages.



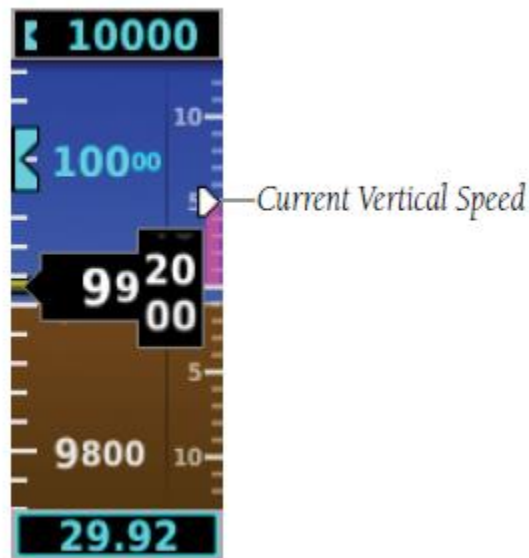


The Turn Rate Indicator is located at the bottom of the PFD Page. Tick marks to the left and right of the displayed heading denote standard turn rates (3 deg/sec). A magenta Turn Rate Trend Vector shows the current turn rate.

Heading/Ground Track Tape is displayed at the top of the PFD Page and displays numeric labels every 10°. Major tick marks are at 5° intervals and minor tick marks at 1° intervals.



- Passing within 1,000 feet of the Selected Altitude, the Selected Altitude (shown above the Altimeter) flashes for 5 seconds.
- When the aircraft passes within 200 feet of the Selected Altitude, the Selected Altitude flashes for 5 seconds to indicate the aircraft is approaching the selected altitude.
- After reaching the Selected Altitude, if the pilot flies outside the deviation band (± 200 Feet of the Selected Altitude), the Selected Altitude changes to yellow text on a black background, flashes for 5 seconds.



Vertical Speed Indicator displays the aircraft vertical speed using a non-moving tape with minor tick marks every 100 feet. The current vertical speed is displayed using a white arrow along the tape.

Horizontal Situation Indicator (HSI) Page

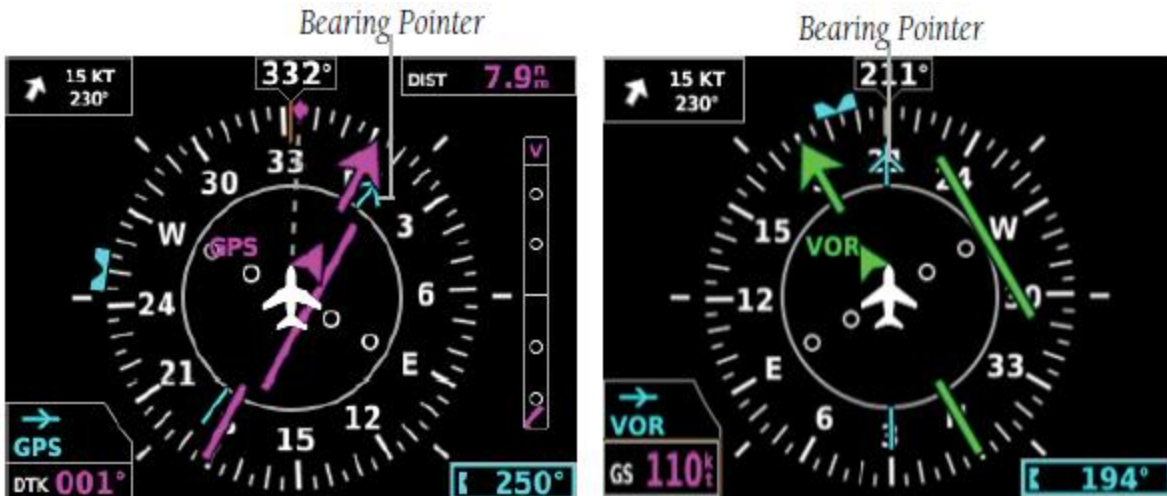


- ① Wind Speed and Direction
- ② Heading Bug
- ③ Navigation Source
- ④ Aircraft Symbol
- ⑤ CDI
- ⑥ Bearing Pointer
- ⑦ Desired Track
- ⑧ Selected Heading/Ground Track
- ⑨ Rotating Compass Rose
- ⑩ CDI Scale Annunciators
- ⑪ Current Heading
- ⑫ Distance To Waypoint

Figure 2-15 Horizontal Situation Indicator (HSI)

Table 2-1 Annunciators

③ Nav Source Annunciators				⑪ GPS CDI Scale Annunciators		
GPS/ GPS1/ GPS2	VLOC/ VLOC1/ VLOC2	VOR/ VOR1/ VOR2	LOC/ LOC1/ LOC2	LP	LPV	LP+V
				LNAV	LNAV/VNAV	LNAV+V
				APR	TERM	ENR
				OCN	VFR (0.25nm, 1.25nm, 5.00nm)	
⑤ Navigator Messages Annunciators						
LOI	Loss of GPS Integrity			MSG	Pending Nav Message	
DR	GPS Dead-Reckoning Mode			WPT	Waypoint Arrival	



GPS Source

VOR Source



The Course Deviation Indicator (CDI) move left or right along a lateral deviation scale to display the aircraft position relative to the course. If the course deviation data is not valid, the CDI is not displayed.



Course deviation is also displayed on the PFD



Vertical Deviation Indicator



PFD

HSI

The Vertical Deviation (Glideslope) Indicator (VDI) appears to the left of the altimeter (PFD page) and to the right of the compass rose (HSI page) whenever an ILS frequency is tuned in the active NAV field of an external navigator. A green diamond acts as the VDI, like a glideslope needle on a conventional indicator. If a localizer frequency is tuned and there is no glideslope signal, "NO GS" is annunciated.



When the G5 is receiving VOR or LOC data, a **Course** menu option is displayed.



When OBS is activated on the navigator, an OBS menu option is displayed.