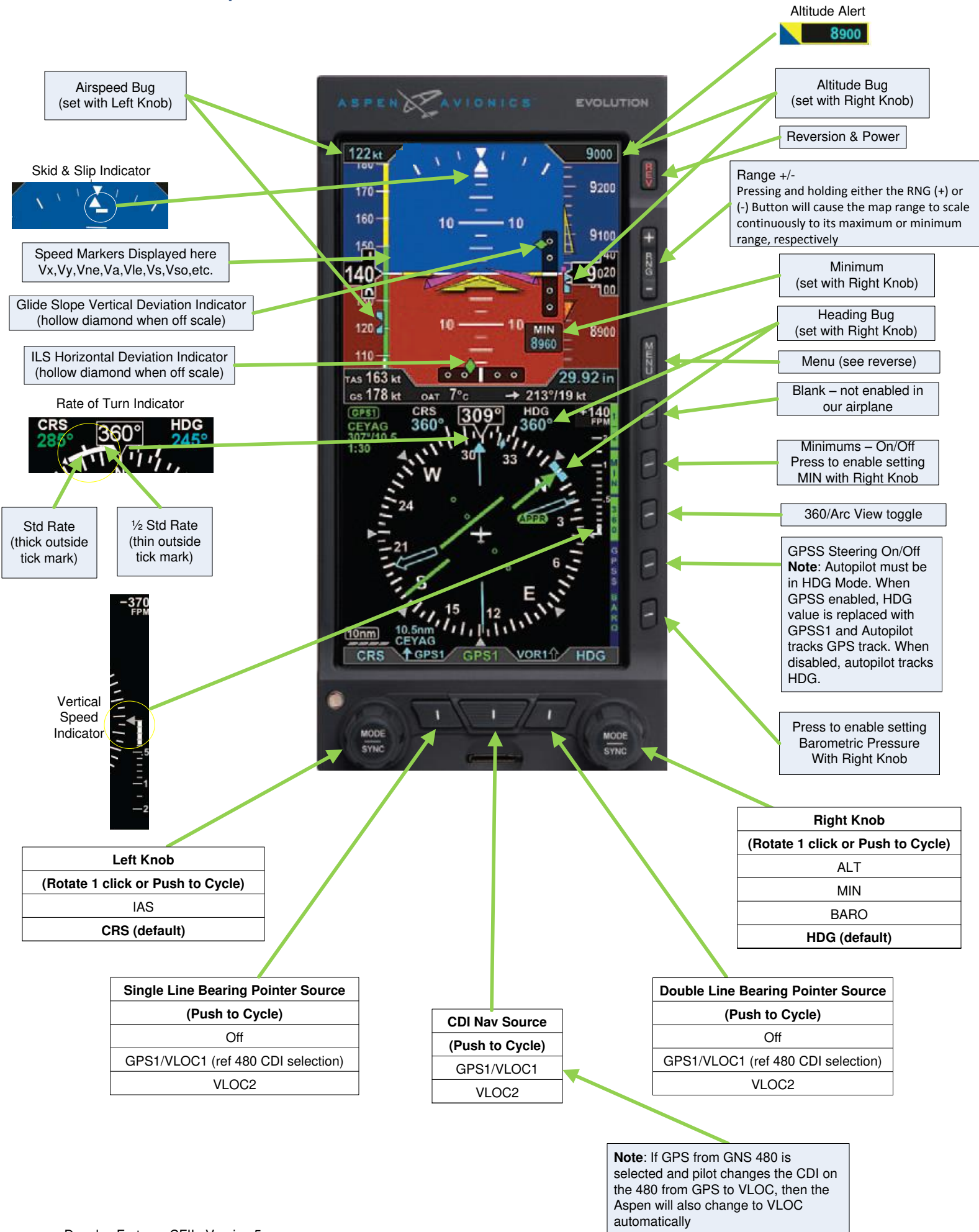


Aspen Evolution EFD 1000 PFD Quick Guide



Airspeed Bug
(set with Left Knob)



Skid & Slip Indicator

Speed Markers Displayed here
Vx, Vy, Vne, Va, Vle, Vs, Vso, etc.

Glide Slope Vertical Deviation Indicator
(hollow diamond when off scale)

ILS Horizontal Deviation Indicator
(hollow diamond when off scale)

Rate of Turn Indicator



Std Rate
(thick outside tick mark)

1/2 Std Rate
(thin outside tick mark)



Vertical Speed Indicator

Altitude Alert
8900

Altitude Bug
(set with Right Knob)

Reversion & Power

Range +/-
Pressing and holding either the RNG (+) or (-) Button will cause the map range to scale continuously to its maximum or minimum range, respectively

Minimum
(set with Right Knob)

Heading Bug
(set with Right Knob)

Menu (see reverse)

Blank – not enabled in our airplane

Minimums – On/Off
Press to enable setting MIN with Right Knob

360/Arc View toggle

GPSS Steering On/Off
Note: Autopilot must be in HDG Mode. When GPSS enabled, HDG value is replaced with GPSS1 and Autopilot tracks GPS track. When disabled, autopilot tracks HDG.

Press to enable setting Barometric Pressure With Right Knob

Left Knob (Rotate 1 click or Push to Cycle)
IAS
CRS (default)

Right Knob (Rotate 1 click or Push to Cycle)
ALT
MIN
BARO
HDG (default)

Single Line Bearing Pointer Source (Push to Cycle)
Off
GPS1/VLOC1 (ref 480 CDI selection)
VLOC2

CDI Nav Source (Push to Cycle)
GPS1/VLOC1
VLOC2

Double Line Bearing Pointer Source (Push to Cycle)
Off
GPS1/VLOC1 (ref 480 CDI selection)
VLOC2

Note: If GPS from GNS 480 is selected and pilot changes the CDI on the 480 from GPS to VLOC, then the Aspen will also change to VLOC automatically

Left Knob		Default after 10 seconds: CRS		
	SYNC Action	Manual Action		
Press to cycle through:	Press and Hold for >1 second	Active Mode = Magenta Inactive Mode = Cyan		
IAS	Sets Airspeed bug to current indicated airspeed	Rotate knob to desired setting		
CRS	VOR Nav			Course Pointer points to the VOR
	ILS Nav			Current heading
	GPS	Course Pointer points to the active GPS waypoint		
	GPS AUTOCRS Enabled	No effect (always set to desired track in AUTOCRS mode)		

Right Knob		Default after 10 seconds: HDG	
	SYNC Action	Manual Action	
Press to cycle through:	Press and Hold for >1 second	Active Mode = Magenta Inactive Mode = Cyan	
ALT	Alt Bug and Alerter set to current altitude	Rotate knob to desired setting	
MIN	Sets MIN to the current altitude		
BARO	Sets baro to 29.92		
HDG	Sets HDG Bug to the current heading		

Display Brightness:

Push Menu Button then press Left Knob to toggle between:
Automatic – BRT AUTO
Manual – BRT ADJUST – rotate knob to desired brightness

Other Menu functions

Push Menu Button, Navigation Mode (SEL PAGE) is displayed. Rotate Right Knob to navigate through menu pages. Push Menu Key adjacent to Menu, use Right Knob to change value.

Press Menu Button to exit.

Menu Button:

General Settings A
Display Airspeed and Altitude Tapes
Radio Altitude
Auto Course Select
ARC Compass Mode
AHRS Reset

General Settings B
Barometric Pressure Setting UOM
Outside Air Temperature UOM
Not applicable
Not applicable
Auto Range

General Settings C
MACH Display
Altitude
Speed
Overspeed Warning Test

360° Map Settings
360° Declutter Level
360° Flight Plan
360° Airports
360° VOR's (High, Low, and Terminal)
360° Intersections / NDB

ARC Amp Settings
ARC Declutter level
ARC Flight Plan
ARC Airports
ARC VOR's (High, Low, and Terminal)
ARC Intersections / NDB

Menu Button:

V Speeds A
V Speeds
V_a
V_{bg}
V_{ref}
V_r

V Speeds B
V_x
V_y
V_{lo}
V_{le}

Power Settings
Check or Switch to Battery Power
Check or Switch to External Power
Restart
External Power Source Voltage
Battery Status

System Status
Main App. Processor Software Version
IO Processor Software Version
Unit Serial Number