

KAP 140 Capabil	ities
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	KAD 140
	Two Axis
FUNCTIONS/MODES	
ALT Hold (ALT)	Yes
Heading Select (HDG)	Yes
NAV (VOR/RNAV/GPS)	Yes
Approach (APR)	Yes
Glideslope (GS)	Yes
Back Course (REV)	Yes
Control Wheel Steering CWS	Yes
Vertical Speed Hld	Yes
Auto Canture	Yes
Auto Track	Yes
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TEST	
Manual and Auto Trim	Both
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Operating Modes

In the navigation (NAV) mode, the autopilot intercepts and tracks VOR/RNAV and GPS courses.

- 1. Enter a navigation target on the G1000 using a flight plan, GPS-Direct or VOR radial.
- 3. If the Course Deviation Bar is greater than 2 to 3 dots: the autopilot will annunciate NAV ARM; when the computed capture point is reached the ARM annunciator will go out and the selected course will be automatically captured and tracked.

Operating Modes

Vertical Speed (VS) Mode

The Vertical Speed (VS) mode allows variable vertical speed climbs and descents. The ALT button toggles between altitude hold and vertical speed modes. The AP starts in vertical speed mode, holding the climb or descent rate at the time of the engagement.

- 1. Press AP button. VS and current vertical speed is displayed. If no other modes are selected the autopilot will operate in the ROL and vertical speed hold modes.
- UP or DN button Select desired climb or descent rate. Each button stroke will increment the vertical speed commanded up or down by 100 ft/min per button press, or at the rate of approximately 300 ft/min per second if held continuously.

To stop a climb or descent, press the ALT button to enter Altitude Hold mode (ALT). Note: When operating at or near the best rate of climb airspeed, at climb power settings, and using vertical speed hold, it is easy to decelerate to an airspeed where continued decreases in airspeed will result in a reduced rate of climb. Continued operation in vertical speed mode can result in a stall.



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