

Using the Bendix-King Autopilot

Activating the KAP 140 Autopilot on Departure, First Activation after Engine Start – Training Scenario



You have just departed your home airport and you are passing 1,000 feet AGL.


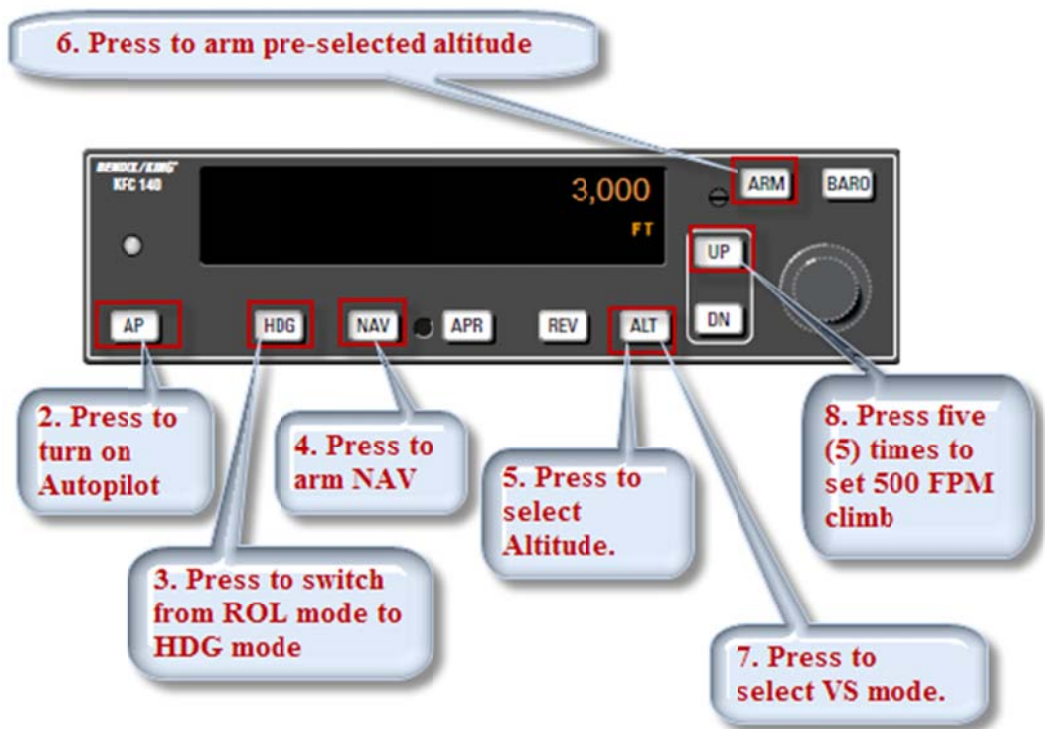
During pre-flight you have done the following:

- Entered your flight plan
- Set the barometric pressure (inches of Hg) in
 - G1000 PFD
 - KAP 140 autopilot
 - Standby altimeter
- Preselected your target altitude of 3,000 MSL in
 - G1000 PFD
 - KAP 140 autopilot

What sequences of steps do you follow to turn on the KAP 140 autopilot to navigate your course and climb to your assigned altitude?

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Activating the KAP 140 Autopilot on Departure, First Activation after Engine Start – Training Solution

<ol style="list-style-type: none"> 1. Press the HDG button on G1000 PFD to heading bug with the actual heading being flown 	
<ol style="list-style-type: none"> 2. Press the AP button on the KAP 140 to turn on the autopilot 3. Press the HDG button to switch from ROL mode to HDG mode 4. Press the NAV button to arm navigation of the flight plan 5. Press the ALT button to select ALT mode 6. Press the ARM button to arm the altitude 7. Press the ALT button to select VS mode 8. Press the UP button five times to set 500 FPM rate of climb 	

Using the KAP 140 Autopilot for an Enroute Climb – Training Scenario

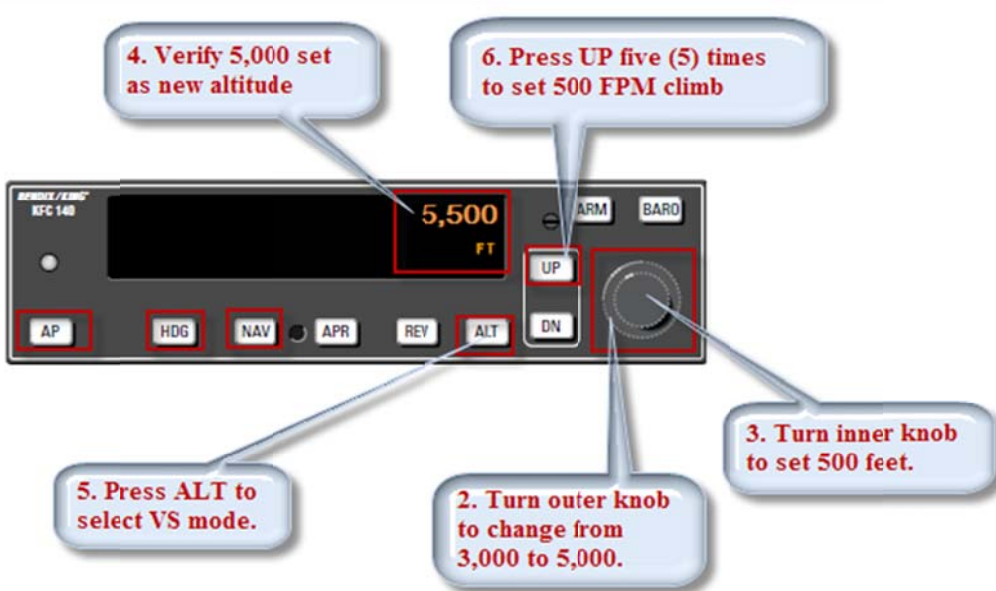


ATC has cleared you for a climb to 5,500 feet MSL.

What sequences of steps do you follow to initiate the climb to your assigned altitude using the KAP 140?

Using the Bendix-King Autopilot

Using the KAP 140 Autopilot for an Enroute Climb – Training Solution

<ol style="list-style-type: none"> 1. G1000 PFD 2. Turn the outer knob to set 5,000 3. Turn the outer knob to set 500 4. Verify that 5,000 feet is set as the new altitude 5. Press the ALT button to select VS mode 6. Press the ARM button to arm the altitude 	<p style="text-align: center;">Set the new altitude of 5,500 in the G1000 PFD</p>  <p>The diagram shows the Bendix-King KFC 140 autopilot control panel. The digital display shows '5,500 FT'. Callouts indicate the following actions:</p> <ul style="list-style-type: none"> 2. Turn outer knob to change from 3,000 to 5,000. 3. Turn inner knob to set 500 feet. 4. Verify 5,000 set as new altitude 5. Press ALT to select VS mode. 6. Press UP five (5) times to set 500 FPM climb
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