

USE OF THE AUTOPILOT WITHOUT A SUCCESSFUL PREFLIGHT OPERATIONS CHECK IS PROHIBITED.

Autopilot Operation Check

Perform the following on the ground (i.e., during a pre-flight inspection) to test the functionality of the optional SkyView Autopilot.

Pitch and Roll Axis Operation Check

With master switch and autopilot servo power switches ON:

1. Center flight control yoke, and lightly hold in place. The weight of an unbalanced elevator may cause the servo to slip. Lightly hold the controls in the centered position when operating the autopilot on the ground to offset this effect.
2. Align HDG/TRK bug with current heading.
3. Select ALT and HDG.
4. Engage Autopilot.
5. Set Vertical Speed +1000.
6. Set Altitude 1000 feet above current. Feel yoke move in "Nose Up" direction.
7. Press and hold ALT button to return altitude bug to current. Feel yoke move to neutral.
8. Change HDG/TRK bug to right of current heading. Feel yoke move in "Right Roll" direction.
9. Change HDG/TRK bug to left of current heading. Feel yoke move in "Left Roll" direction.

Autopilot Disconnect Check

With master switch and autopilot servo power switches ON:

1. Engage Autopilot.
2. Accomplish all that apply:
 - Press the AP button in the Autopilot Control menu, and ensure the autopilot disconnects. "AUTOPILOT DISCONNECT" aural should be heard. (Dynon Skyview menu on MFD.)
 - Turn the AP Servo Power switch to OFF, and ensure the autopilot disconnects. "AUTOPILOT DISCONNECT" aural should be heard.
 - Press the AP button on the Autopilot Control Panel (if installed), and ensure the autopilot disconnects. "AUTOPILOT DISCONNECT" aural should be heard.
 - Press the panel mounted disconnect button (if installed), and ensure the autopilot disconnects. "AUTOPILOT DISCONNECT" aural should be heard.
 - Press the yoke mounted disconnect button (if installed), and ensure the autopilot disconnects. "AUTOPILOT DISCONNECT" aural should be heard.

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