

User's Guide - Mudpond Autopilot

The Mudpond Autopilot consolidates all of the common FS autopilot functions into one simple, small footprint gauge. Flight Director, Yaw Damper and GPS switches that normally would require the installation of several FS gauges are all implemented in the Mudpond Autopilot.

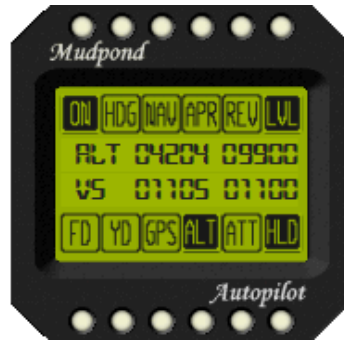


Figure 1 – Mudpond Autopilot. The push button switches across the top and bottom of the gauge toggle the operating modes off and on. The corresponding status indicators show the current state of each mode.

Operating Modes: All normal FS horizontal and vertical modes are implemented:

Horizontal Modes

HDG	Heading Hold
NAV	VOR Navigation Radio Tracking
APR	LOC Navigation Radio Tracking
REV	Backcourse Navigation Radio Tracking
LVL	Wing Leveler

Vertical Modes

ALT	Altitude Hold
ATT	Attitude Hold
VS	Vertical Speed

Notes:

VS - Vertical Speed Mode: VS mode is implied when ALT mode is enabled. To change the desired capture altitude or vertical speed, click on the left or right side of the displayed values of capture altitude and vertical speed.

ATT - Attitude Hold: ATT mode captures and holds the current pitch attitude. If ALT mode is on when Attitude Hold mode is enabled, ALT mode is turned off.

HLD - Hold Altitude/Wings Level: When turned on, the HLD switch simultaneously enables the Wing Leveler, captures the current altitude and enables Altitude Hold mode. When turned off, the HDL switch turns off all FS AP functions.