

Compass Calibration

1

Flight Maneuvers

- ✓ Install and secure the BOM/iLevil in a permanent place (away from ferrous metals)
- ✓ During your flight, perform steep turn maneuvers (40 to 45 degrees), at least one to the left and one to the right.
- ✓ As the airplane turns The BOM/iLevil starts isolating the earth's magnetic field from static fields inside the airplane. It will start correcting for magnetic deviations and slowly adjust itself to match the actual heading

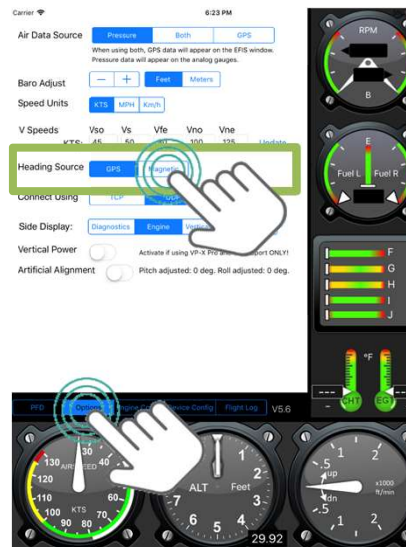
ⓘ Calibration is only valid for the specific location it was calibrated at. Recalibrate if position of the iLevil/BOM changed.

ⓘ Steps 1, 2 and 3 need to be performed without doing a power RESET to the BOM/iLevil

2

Verify

- ✓ Connect tablet's Wi-Fi to BOM/iLevil network
- ✓ Open AHRS Utility and go to Options tab -> Heading Source
- ✓ Select Magnetic
- ✓ Go back to PFD and verify the heading is within tolerance, matching your actual heading



3

Calibrate

- ✓ Go to Device Config menu
- ✓ Click Save Mag Data, under Magnetic Compass section
- ✓ You can perform a power reset to your device to verify proper heading indication after rebooting.

