

Release Notes, AeroPod® firmware 7.06

March 2019

AeroPod firmware 7.06 focuses on improving the stability and consistency of AeroPod CdA measurement.

FIRMWARE 7.06 REQUIRES A PROPERLY SET UP AEROPOD, WHICH MEANS:

- 1) AP is attached, rock-solid, to the bike, with one of Velocomp's mounts, or a stiff, machined-aluminum mount. Plastic, flexible, or other unapproved mounts are not allowed
- 2) Shock absorbing stems are not allowed
- 3) DO NOT attach AeroPod to aero bars. Aero bars flex, and will cause AeroPod readings to be inaccurate
- 4) AeroPod must be tightly screwed into its mount, so that AeroPod CANNOT ROTATE AT ALL
- 5) The user must do a calibration ride, according to the instructions

Note, all of the above points are all prominently mentioned in our instructions, so this is nothing different. What's different with firmware 7.06 is that AeroPod is much less "forgiving" if the setup instructions are not followed.

FIRST RIDE WITH FW 7.06:

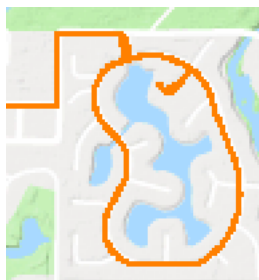
- 1) Load the firmware into AeroPod
- 2) Make sure AeroPod is set to profile 4, where CdA measurements occur.
- 3) Reconfirm that your AeroPod is solidly mounted, as described above, and cannot rotate
- 4) Do a new calibration ride, according to the instructions.
- 5) After completing the calibration ride, you will see live CdA, and you can continue your ride with a fully calibrated AeroPod

USING AEROPOD ON YOUR DAY-TO-DAY RIDES

You don't have to do a calibration ride each time you use AeroPod. However, *during the first 5 minutes of each new ride (every new ride after a cal ride), AeroPod recalibrates its accelerometer.* The calibrated value is “locked in” for the remainder of the ride, so it's important to get the first 5 minutes “right”.

For the first 5 minutes of each new ride, please do the following:

- 1) Ride at a reasonably constant pace—no sprinting or surging
- 2) No sharp turns. (As an example, on the bike route below there are 4 sharp turns after leaving the oval to ride on the main road outside. *It would be bad to have these turns included in the first 5 minutes of a new ride file. So, the cyclist rides on the oval for the first 5 minutes).*



- 3) Do not use brakes
- 4) No stopping
- 5) *During the first 5 minutes CdA will not change; your default CdA value will be shown. When the calibration period ends the CdA measurement will go “live”.*

After the first 5 minutes have passed, AP will “lock in” its internal calibrations and afterwards you will see live CdA measurement.

WHAT IF SOMETHING “GOES WRONG” DURING THE FIRST 5 MINUTES?

If you encounter a problem in the first five minutes, your live CdA numbers will be wrong. If this happens, simply start a new ride and a new calibration:

- 1) Click AeroPod button five times to turn it off. AeroPod will show solid green, then yellow, then red, then off
- 2) Click AeroPod button to turn it back on. This starts a new ride file and a new 5 minute calibration

FRIENDLY REMINDER...FOLLOW THE INSTRUCTIONS

If, after the 5 minute calibration is finished, your AP is bumped out of position (which means AP wasn't sufficiently tight against the mount, which means the instructions were not followed), or AP is attached to the aero bars (which means the instructions were not followed), or AP is attached to a plastic or another kind of flexible mount (which means the instructions were not followed), or the calibration ride was not done properly (which means the instructions were not followed) ...all bets are off, and AeroPod won't work as well as it could (or should)!

Just follow the instructions... 😊