# Boldclash BWHOOP B-03 Altitude Hold

Altitude Hold version of Silverware can be found in AH branch of Silverware.

```
$ git clone https://github.com/silver13/BoldClash-BWHOOP-B-03.git
Cloning into 'BoldClash-BWHOOP-B-03'...
remote: Counting objects: 1130, done.
remote: Compressing objects: 100% (50/50), done.
remote: Total 1130 (delta 72), reused 90 (delta 64), pack-reused 1016
Receiving objects: 100% (1130/1130), 1016.66 KiB | 2.01 MiB/s, done.
Resolving deltas: 100% (717/717), done.
$ cd BoldClash-BWHOOP-B-03/
$ git checkout AH
Branch AH set up to track remote branch AH from origin.
Switched to a new branch 'AH'
$
```

Added configuration (config.h)

```
// Springloaded centre is zero throttle
#define USE_STOCK_SPRINGLOADED_TX

// Hold throttle on centered stick
#define USE_STOCK_SPRINGLOADED_HOLD

// Use BARO sensor - type in hardware.h
// #define ENABLE_BARO
```

**USE_STOCK_SPRINGLOADED_TX** is used to make use of normal bwhoop springloaded TX. The throttle is centered with springs and this define makes the center position 0% throttle. Pushing down decreases alt (when in BARO or SPRINGLOADED_HOLD mode).

**USE_STOCK_SPRINGLOADED_HOLD** is a poor man's altitude hold. This makes center throttle 0% throttle, and adds or decreases throttle when pushing or pulling throttle. Center will keep the last throttle, so when carefully adjusted this will keep the drone in place.

**ENABLE_BARO** Enables Barometer supported altitude hold. This is best used in combination with **USE_STOCK_SPRINGLOADED_TX**

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