

# TATER HILL 2023 OPEN CLASS COMPETITION

**Choose Your Own Adventure!**

**WAYPOINTS FOR OPEN CLASS COMPETITION 2023**  
**are different than prior years. Download them under the Waypoints tab.**

**Competition dates:** June 17-24, 2023

June 17 - practice day and registration. Meet HQ is at LZ1. 2974 Silverstone Rd, Zionville, NC

June 18-24 - Competition days

June 24 evening - Awards banquet

## **A Story of the Bagged and the Unbagged!**

Definition: Bag - To fly into the cylinder around a particular waypoint.

Objective: Bag waypoints to accumulate the most number of points on each competition day.

Each waypoint has a radius of 400m/3000m and each waypoint has a point value based on distance from TATERT. Waypoints less than or equal to 11km from TATERT have cylinder radii of 400m. Waypoints greater than 11km from TATERT have cylinder radii of 3km.

Regions are comprised of a group of waypoints, designated Region A, B, C...

## **Launch:**

All flights must commence from TATERT takeoff during the Competition Window. Any launches before Launch Open or after Launch Close will be considered free flying and will not be scored. All pilots launching from TATERT will automatically be credited for bagging waypoint TATERT.

## **Designated Landing Zones:**

The Designated LZs are LZ1, LZ2, LZ3 and toplanding TATERT. Landings must be made within the physical boundaries of the LZ field (not within the waypoint radius). Any landings made outside of the Designated LZs will end that pilot's competition day. They will be scored based on all waypoints bagged prior to landing. (Pilots may relaunch to free fly after their competition day but flights should not be submitted and will not be scored.)

## **How to Score points:**

1. Bag a waypoint in any order to collect the points associated with that waypoint.
2. Bag all of the waypoints within a particular region and receive a Region Bonus.

3. Waypoints cannot be bagged more than once on the same competition day.
4. Waypoints/regions may have additional Daily Bonus points which will be announced before the start of the Competition Window each day. Some Regions may be deactivated for the day.
5. Wings will be assigned a Wing Bonus percentage based on aspect ratio and age of the wing. Wing Bonus is added after the task is scored. The Aspect Ratio Bonus is calculated on a sliding scale with max of 40% and min of 0%. The following table shows some representative values:

<b>Aspect Ratio</b>	<b>Wing Bonus</b>
AR $\leq$ 4.7	40%
AR = 5.4	30%
AR = 6.1	20%
AR = 6.8	10%
AR $\geq$ 7.5	0%

The Age Bonus is based on a sliding scale with wings 10 years or older receiving 20% bonus up to wings 0 years old receiving 0%. Age Bonus is based on wing certification date prior to competition start date.

**Rules:**

1. Pilots may launch any time after the Launch Open time and until the Launch Close time.
2. Waypoints may only be bagged during the Competition Window which opens at the Launch Open time and closes at the Goal Close time. The Launch Director will announce Launch Open, Launch Close and Goal Close times at the beginning of each day.
3. Multiple relaunches are allowed and pilots can continue bagging waypoints provided the pilot landed in one of the Designated LZs on all prior flights that day. Any landings made outside a Designated LZ will end that pilot's competition day.
4. Scores will be normalized to 1000 points for each day. Wing Bonus is added after normalization.
5. Pilots may change wings from day to day (not flight to flight) provided they notify scorekeeper of the change when they submit their track logs.
6. All flights must observe USHPA / FAA rules.
7. Points may be deducted from a pilot at the will of the race committee. Reasons for deductions include but are not limited to: unsportsmanlike conduct, disruption of wildlife, destruction of land or unsafe behavior.
8. Given this is the first year for this competition format, contest organizers retain the right to modify rules and point valuations during the event.

**Submitting flights:**

Email track logs to the scorekeeper at [taterscore@gmail.com](mailto:taterscore@gmail.com) by 8pm of each competition day.



LZ1-21



LZ2-23



LZ3-27

Sharp Creek



TATERT

Replogle Dr

Replogle