

# TATER HILL 2024 SPORT CLASS COMPETITION

## WAYPOINTS FOR SPORT CLASS COMPETITION 2024

are available under the Competition Information / Waypoints link on [flytaterhill.cloud](http://flytaterhill.cloud)

**Competition dates:** Aug. 4-10, 2024.

Aug. 3 - practice day and registration. Meet HQ is at LZ1. 2974 Silverstone Rd, Zionville, NC

Aug. 4-10 - Competition days

Aug. 10 evening - Awards banquet

Pilots may choose to enter the Open Class or the Sport Class. Sport Class is intended for newer pilots and pilots new to competition flying. Tasks will be shorter and landing zones are predefined. Pilots who have placed on the podium in prior years will be requested to fly in the Open Class.

Sport Class pilots will fly in a standard race-to-goal competition format. The Task Committee will announce the Sport Class task each day.

The Sport Class task briefing will include:

- Launch Open time - Competition flights may commence after Launch Open time, any prior flights will be considered free flights and will not be scored.
- Start Open time - Pilots may begin on course after the Start Open time. Pilots can fly out of the start cylinder prior to Start Open but they must return and exit after Start Open time to begin the race.
- Launch Close time - Pilots must launch before the Launch Close time in order for their flight to be scored. Flights after Launch Close time will be considered free flights and will not be scored.
- Goal Close time - Flight logs will be truncated at Goal Close time and pilots will be credited with distance flown up to this time.
- Check In time - All pilots need to communicate with competition organizers by the Check In time to indicate they are safely accounted for.
- Task for the day - Waypoints with cylinder radii will be announced. Pilots need to fly the course in the order outlined, entering each cylinder to claim credit before proceeding to the next waypoint. Distance flown along the course line is used to calculate each pilot's score. If pilots complete the task, an additional time bonus will be awarded based on speed on course. Leading points and FTV will also be used in this competition. If interested, please ask for additional details about the factors that go into scoring. This is a learning comp and we welcome questions!

## **Rules**

1. All Sport Class pilots **MUST** land in one of the three Designated LZs (LZ1, LZ2, LZ3). Landings must be made within the physical boundaries of the LZ field (not within the

waypoint radius). This requirement is for safety purposes so Sport Class pilots do not have to assess appropriate landing fields by themselves. Failure to land in one of these LZs will result in ZERO points for the day. Toplanding at TATERT will be accepted as a Designated LZ only with prior approval from the Launch Director.

2. 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.

### **Submitting flights:**

Email track logs to the scorekeeper at [taterscore@gmail.com](mailto:taterscore@gmail.com) by 8pm of each competition day. You may also send a message to the scorekeeper indicating you **Did Not Fly (DNF)** or were **Absent**.