
SGDC FLOODLIT #4

25TH OF JANUARY 2025

SGDC welcomes you to the fourth Floodlit Time Trial of the 24/25 Season. This event is our second Spec race of this season: Texas Spec, you can find all the information regarding setting your quad up for Texas Spec accompanying this Pilot Pack.

Schedule

Pilots arrive	16:00
Pilots check in	16:00
Pilot briefing	16:15
Track Walk	16:23
Practice then qualifying	16:30
Track tear down	20:45
Vacate site	21:00

Location

Yate Outdoor Sports Complex
Broad Ln
Yate
Bristol
BS37 7LB

<https://goo.gl/maps/43mFSPcVK2mBpYfk7>

(Site map on our website)

The schedule is approximate and weather dependent.
Drinks and snacks are available in the cafe.

COVID-19

If you show signs of any symptoms or have been told to self-isolate please do not attend our event and contact us ASAP so we can offer your place to the next reserve.

IMPORTANT NOTES

Please arrive in time to check-in

Arrive with **props off** and prepared to perform a failsafe check **and TX power check** if you haven't flown the craft with us previously.

Absolutley no arming on the red running surface!

Have your **VTX set to the correct channel & Craft configured to Texas Spec.**

ABSOLUTELY NO ILLEGAL SUBSTANCES

Spec Calculator can be found at <https://sgdc.co.uk/spec/>





Race Format

- Check-in** Please bring all the quads you wish to race to check-in at 16:00.
- We will check
1. Failsafe (arrive with **props off**)
 2. Insurance (if not uploaded to IFPV)
 3. VTX power set to 25mW
 4. TX power set to 100mW - 2.4 GHz / 25mW - 900 MHz (show your settings screen)
 5. CAA Operator ID label visible
- Heats** You will remain in the same heat and use the same video frequency throughout all rounds.
- Heat lists are provided at the end of this pack, and in the covering email, and will be available on <http://SGDC.liveFPV.com> throughout the event. Please arrive with your quads set to the correct channel.
- Qualifying heats will consist of up to 6 pilots and will be labelled numerically - please listen for your heat number so that you are ready in time for your next race.
- For all rounds, you will have 2 minutes to complete as many laps as you want, then 30 seconds to finish the remainder of your current lap.
- Once the round is over or you hear '<Pilot Name> done,' land in the designated landing zone quickly and safely avoiding impacting any other pilots still on their laps.
- There will be no lap cap - your best 3 consecutive laps will be counted. If your battery is depleted, you should land.
- Format** The format is "Fastest 3 Consecutive". Your single fastest 3 laps in a row in any of your rounds will be used to determine your final finishing position.
- Simulator & Virtual track walk** While we've traditionally released a track on the simulator & media with flythroughs, this particular event, we'll be making a bespoke track on the day. Please arrive & get checked in as there will be a track walk for you to learn the track, you can always connect to another pilot's feed to get familiar.





Mandatory Drone Rules

Frame size	Motor to motor distance of 305 mm maximum
Props	6 Inch Max*(No Carbon, Metal or Wood etc)
Weight	Up to 800g AUW*
Battery	Up to 4.35V per cell
Video	PAL or NTSC are allowed, Analogue & HDZero (firmware version > 20102021)
Turtle mode	Allowed
VTX power	25 mW maximum, testing to take place if required
TX power	100 mW maximum, transmitter settings may be reviewed
Failsafe	All competitors must set up failsafe to cut motors COMPLETELY in the event of signal loss
Crossfire	Firmware >= 2.41, max output power of 25 mW
ELRS / any 2.4 GHz	Max output power of 100mW
Lap timing	Livetime & ImmersionRC LapRF VTX timing will be used, no transponders are required
*Streetleague exemption	We welcome Streetleague outside of the normal AUW and Prop restrictions

Event Rules & Etiquette

Site rules	Follow the site rules at all times, these can be found at the entrance gate. Anyone found violating the site rules will be asked to leave. Absolutley no arming on the red running surface! Illegal substances will result in immediate ejection from the site. The track is strictly off-limits unless Race Control explicitly declares it safe to enter.
Punctuality	Pilots not checked in before the pilot briefing may not be allowed to fly. Please be ready for your race before the previous one ends. If you have a technical difficulty during setup that cannot be fixed before the 10s countdown, you must leave the track with your aircraft powered off and forfeit the round.
Shelter	There is limited shelter available, bring some warm clothing!.
VTX	We will be using channels R1, R2, R3, R4, R5, R6, R7, R8



Please make sure you are familiar and able to change your own video transmitter channel. If you cannot change your channel you may not be allowed to race.

Do not power up your video transmitter unless you are racing, doing so could result in immediate disqualification.

Preparing to race

A starting area / table is provided, you are welcome to use your own blocks & we will provide some with different angles.

Please stay behind the blocks at all times and only plug your craft in at the blocks. Make sure other pilots are away from the blocks when you arm check.

Race start

Upon pilots getting back to the flight line, Race Control will check that pilots are ready, calling for thumbs up - once Race Control has done this check, you will be given the starting procedure which comprises of the usual tones and a randomised period before a long beep to signify the start of the race.

Once the race has started you will have 2 minutes to do your laps, once the 2 minutes is up, you have 30 seconds to finish the lap you are on.

Your first lap doesn't start until you cross the start/finish line so you can give yourself a little separation to other pilots if needed.

During the race

If you crash and are unable to recover and continue flying, no matter how frustrated you may be, wait until the round finishes, any shouting or distracting other pilots will result in penalties.

Please keep race control and the pilot stations clear of distractions so that the Race Director can see and hear everything that is happening, and can communicate with the pilots when necessary.

If a gate becomes unflyable & the race director deems that there will be a disadvantage because of a damaged gate, the race may be stopped and the heat/round re-run.

A race will only be stopped by the race director over the PA system as demonstrated in the pilot briefing. If anyone other than the race director says to stop flying, ignore them until the race director has made a decision.

Spectators

Coloured props, LEDs and coloured turtle mode fins are advised to help spectators identify your quads as they fly around the track.

Spectators are encouraged but must not enter the track area.

The café / bar is open to everyone and also offers toilets.



Infringements

1. If you are unable to attend the race, contact the SGDC ASAP. We can then allocate your place to a reserve pilot.
2. Competitors who miss a gate or flag must retry the gate or flag in a safe manner until it is completed, giving priority to any other competitor on the track whilst doing so.
3. Competitors who gain advantage through a shortcut or jump start must forfeit that advantage immediately by waiting off the racing line and re-joining at their appropriate position (and only when it is safe to do so).
4. Disrupting other pilots on the pilot line e.g. if you have crashed out, could have their best qualification result deducted. It is unfair on the other pilots, causing loud noise and moving past them is extremely off putting, this will be taken seriously and failure to listen to this rule further could result in disqualification.
5. If a competitor is flying in a dangerous manner then they could be subject to a forfeit, this decision is up to the race director. For example: Not disarming after a crash which leads to a further collision.
6. Repeated violations will result in a score of zero for that round and possible disqualification from the event.
7. Failure to comply with safety rules or announcements will result in instant disqualification from the event.

Heat List and Channels

Channels & Heats will be verified by the Race Director. Please find your Heats and Frequencies below.

Heat 1		Heat 2		Heat 3	
CruiseFPV	R1 5658	FPV_Lukey	R1 5658	MrE	R1 5658
Mopatop	R2 5695	Spooks	R2 5695	ReikonFPV	R2 5695
	R3 5732		R3 5732	Derpy Hooves	R3 5732
Dacus	R4 5769	HyperDan	R4 5769	8M1	R4 5769
	R5 5806		R5 5806		R5 5806
Silverfox	R6 5843	Benji	R6 5843	What's up FPV	R6 5843

Contacts Details

Facebook page <https://www.facebook.com/southglosrc>

Facebook group <https://www.facebook.com/groups/393480948047927>

Live FPV <http://SGDC.liveFPV.com>

Email info@sgdc.co.uk

Website <https://sgdc.co.uk>

Discord <https://discord.gg/vJW3eNH4Vd>

Please use Facebook Messenger for the quickest response.

Race Director

Duncan Gabriel
Rob Haswell

Committee members

Leigh Elwell (Mr E)
Craig Oram (8M1)
Aaron Smith (Aaron)
Rob Haswell (Mopatop)
Duncan Gabriel (CruiseFPV)
Kieran Bartlett (Kiz)

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