FLYING AT OUR CLUB

1 Respect The Facility

- YOSC hosts us - leave it better than you found it.
- No flying outside official sessions.

2 Safety & Insurance

- You must have insurance + Op ID on all quads.
- New builds or first-time flyers must be failsafe checked.

3 On The Field

- Only plug in at start blocks; stay behind them during arming checks.
- Stay within the track flight area.
- Follow instructions from session leaders.
- Watch for public/animals; be ready to land or hover if asked.
- Do not go on track until called (“Pilots, collect your quads”).
- Remove & dispose of damaged/dead batteries off-site.
- In case of fire, land immediately and follow Race Director's instructions.

4 Courtesy & Conduct

- Keep swearing to a minimum (children may be nearby).
- Smoking/vaping only in the designated area (by outside toilets).
- Represent SGDC positively at all times.

5 Facilities

- Medkit in trolley/shed.
- Hot food, cold drinks, snacks & toilets in the clubhouse.

MEMBER ONSITE GUIDANCE

🏁 Site Equipment 🏁

- Handle all kit carefully; repair broken items before storing (spares provided).
- If you lose a prop or part, make an effort find it post race – the field is also used for other sports.
- Mains power available (50m lead, outdoor power outlet by long jump pit).

🛠️ Track Setup & Teardown 🛠️

- Keep track at least 20m from the touch line (pits, race control & flight line).
- Mark no entry points with signs provided at the entry points by the football pitch.
- Slow the course near pits/hedge to reduce risks; avoid layouts prone to collisions.
- Repair obstacles while collecting quads to keep sessions moving efficiently

🤜🤛 Respect The Equipment

- Don't manhandle kit – carry a few items at a time.
- Remove panel flags before taking down gates.
- Put aside and fix damaged kit before storage; return items neatly to shed.

🧠 Best Practises 🧠

- Represent the club respectfully – especially when wearing club merch.
- Avoid powering your quad during heats; VTX signals may interfere with racers.
- Test hovers only between heats, away from pits (preferably on track). Coordinate with race control first.

👋 Induction 👋

If you wish to become an inducted member so that you can be empowered to run your own race sessions at YOSC please feel free to reach out to a committee member or post a message in the Members General Chat via Discord.

For a list of the current committee members please visit the following link https://sgdc.co.uk/about-sgdc/

HELPFUL INFORMATION

🌐 Supporting Bodies 🌐

- **BDRA** - British Drone Racing Association
  - The UK's national drone racing body.
  - Sets official race rules and runs the championship series.
  - Sign up to earn points from British Qualifying Events (BQEs).
- **IFPV** - InsideFPV
  - UK-wide race listings and event signups.
  - SGDC members receive event discounts and early access.
- **BMFA** - British Model Flying Association
  - National model flying body representing pilots to the government.
  - Provides insurance required for SGDC membership (FPVUK accepted for first year).
  - Headquarters: Buckminster.
- **MultiGP**
  - Global drone racing community with international “Chapters.”
  - SGDC is the UK's largest chapter and one of Europe's top three.
  - Hosts “Global Qualifiers" with shared worldwide leaderboards.

❓ Need Some Help? ❓

- Join the **SGDC Discord** for advice, tech help, and chat.
- 750+ pilots worldwide — someone always knows the answer!
- Post questions in the relevant #channel and we'll help you out.

💻 Useful Tools & Resources 💻

- **https://betaflight.com/** - Betaflight is the world‘s leading multi-rotor flight control software.
- **https://esc-configurator.com/** - a utility designed to simplify updating and configuring of your ESCs.
- **https://am32.ca/configurator** - AM32 utility and configurator
- **https://oscarliang.com/** - A website with a wealth of knowledge on all things FPV, fully fledged guides and step by steps.
- **https://www.expresslrs.org** - ExpressLRS aims to provide the best completely open, high refresh radio control link while maintaining a maximum achievable range at that rate with low latency.

OUR RECOMMENDATIONS

💸 Our Local UK Stores 💸

- **www.hobbyrc.co.uk** (there are often 5% discount codes on SGDC discord for hobbyrc)
- **www.unmannedtech.co.uk**
- **www.yourfpv.co.uk**

🕹️ Simulator Of Choice 🕹️

The simulator of choice for us is Velocidrone, it has the best physics and more racing centric.

Many of us are also Beta testers for the sim and we have a great relationship with the developer.
We would advise you to pick up as many add-on DLC's as you can but if you are on a tight budget, the Freestyle & Micro DLC's are the ones we make the most use of, they contain whoops and freestyle quads with some great environments.

📜 Club Constitution 📜

SGDC is governed by our constitution, we would urge you to acquaint yourself with the constitution we have outlined so you can be informed around the set of principles, rules, and laws that establish and govern us

Please click the following link to view: **Club Constitution**

