

UKRoC 2021 - Self Qualification Guide

Due to the COVID-19 situation, meaning no Regional Finals being held this year, greater reliance on Self Qualification (SQ) is required. This essential SQ Guide should be read and understood in conjunction with:

1. Self-Qualification Flight Form
2. 2021 Rules
3. 2021 Mission

All of the above documents will be sent out to registered teams in the official booking confirmation. They can also be found on the [UKRoC](#) website along with other useful guides including the “Best Practice Guide”. In general, team members, and their teacher/adult supervisors should familiarise themselves with all information provided on the UKRoC website.

For teams using their own site, or sharing a site with another team

To conduct UKRoC rocket launching, both for Test flying and Self Qualification (SQ) flights, following the [UK Rocketry Association Model Rocket Safety Code](#) is required. Linked within this Safety Code are Tables giving the flying site dimensions required for safe launching, and the safe distances for people to be from any rocket – both tables are related to the power of rockets being launched. These dimensions and distances must be adhered to, for actual safety, and validation of the Teams’ British Model Flying Association (BMFA) Insurance. For more information on obtaining BMFA Insurance for your rocket Teams see guidance [here](#). Each team will need to contact the BMFA directly.

Teams using their own site (at school, or elsewhere by arrangement), need to appoint an adult to be the Supervising Teacher/Adult to oversee the safe conduct of the rocket building and flying at both the Test & Self Qualification flights. Those persons need to fully familiarise themselves with the UKRA Model Rocket Safety Code, and with the UKRoC “[Best Practice Guide](#)”.

Please note the SQ flights must be witnessed and the form completed by an independent adult with no connection to the team.

Teams using a rocket club site

If your team is using a rocket club site for test launching, and/or SQ flights, then matters of site dimensions, safe distances, range safety, and airspace regulation/NOTAMS will all be automatically covered by the Club’s site arrangements and officers. To view a list of Rocket Clubs across the UK, please [click here](#).

Please note the SQ flights must be witnessed and the form completed by an independent adult with no connection to the team.

All Teams - Controlled Airspace, local airports & airfields, and NOTAMS

All model rocket flying in the UK needs to be conducted with awareness of airspace regulated status. Launch activities should not be conducted within five miles of any active airfield, or airport, without the full awareness and permission of the local Air Traffic Control (ATC). If launching into Controlled Airspace (CAS), a NOTAM (Notice To AirMen) should be requested. The [form](#) can be found under the ‘Template Documents’ section on the ‘Guides’ page of the UKRoC website and should be completed and sent to arops@caa.co.uk with a covering e-mail. Some NATS (National Air Traffic Services) and ATC’s require up to 30 days prior notice of model rocket launch activities. The status of your rocket site’s airspace can be found using the [Altitude Angel app](#). While this applies primarily for drone and model aircraft flying, it can be interpreted for model rocket flying