

UKMSC

**The Rules for
UK Mountain Soaring Championship
2007**

Background

This competition was conceived to make the most of the soaring conditions at Aboyne. It is intended to be a friendly yet competitive event. It is a non-rated, handicapped competition.

Tasks will include pre-declared cross-country races, Assigned Area Tasks (AAT), Gain of Height or a mixture of both height and distance. Points will be awarded generally on the basis of a modified National Ladder Scoring System. The pilot or team amassing the greatest number of points during the week will be declared the winner. There will be a separate height gain shield for the pilot/team with the greatest cumulative height gain throughout the week.

The 2007 BGA Competitions Rulebook, unless otherwise stipulated in this document, will generally apply.

General

Safety is the prime consideration and good airmanship must be exercised. When scoring, the Competition Director (CD) will take into account any action which may compromise safety by deducting points.

A serious view will be taken of Airspace and Airmanship infringements. Sanctions may be severe, depending on the specific incident.

Safety Related Penalties, unless otherwise stipulated by the Competition Director, shall be awarded according to the 2007, BGA Competitions Rulebook.

Loggers must be used as primary evidence, although any proof that the turning point has been rounded will be acceptable.

Standard BGA competition zones will be used for turning points.

There is no flying permitted in or near cloud, within 10km of the site, the start or any turning point. If tempted to fly in cloud at any other time, remember there is a lot of Granite about.

A competition launch after a retrieve is permitted if the glider lands within 10km of the start. The specific permission of the CD must be sought. This will only be given if the CD is satisfied that a thorough and independent rigging and control check has been carried out. Zero points will be awarded for the previous flight.

Starting

Unless otherwise specified during briefing;

For wave Tasks, the start sector is formed by a half cylinder of 6km radius centred on the Start Point and orientated opposite to the direction of the first turning point. Its maximum height shall be 12,000 feet. It shall be surrounded by a further ½ km horizontal and 250 feet vertical penalty start volume.

Pilots may Start horizontally in any direction or vertically above 12,000 feet.

Pilots must make a radio call to declare START TIME and have it confirmed by Control, otherwise START TIME will be taken as the last time recorded in the Start Sector.

For thermal tasks, the start sector and rules are described in the 2007 BGA Competition Rulebook

If a held start is in operation the pilot must show that they were in the start sector after the gate is opened. If not, then no points will be scored for the day.

For a height gain Task ONLY, over a set period, the start time will be taken as launch time plus 10 minutes.

Turning points

If there is no evidence that the glider has been in the control sector or standard penalty area, 25 pts will be deducted for every subsequent 100m to the nearest approach to the sector.

Finishing

If a pilot selected start height is used then the finish height must be no more than 1000m below that start height. If not, 3 points will be deducted for every 10m below.

Finishes should not compromise good airmanship.

Scoring

Scores are calculated each day by awarding the best performer 1,000 points, subject to any devaluation factor, and calculating other competitors' points by comparing their performance to that of the Day Winner.

Speed points will be earned for distances in excess of a specified minimum distance declared on the day.

No speed points will be given for speeds less than 50 kph.

Cross-Country Tasks

A glider will be scored to the furthest point down track.

Y will be set as appropriate.

35% of gliders launched for that days' competition Task must pass Y for a full point's day. If fewer gliders pass Y then the day will be devalued.

No Gliders passed Y	devalued by
25%	25%
15%	50%
10%	75%
0	100%

Height Tasks

Loggers should be presented with valid calibration chart.

A purely height gain competition day will score a maximum of 1000 points.

Combined Height/Distance tasks

These may be set at the discretion of the Task Setter/Director.

Generally, if a Task in excess of 180km is set, the day will be scored as a Distance Task. The % split for scoring between height and distance when cross country Task distances are less than 180km will be notified at the Task briefing. The day may also be devalued.

Self Launching/Sustaining gliders

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These types will be scored to their furthest point down track before engine start.

Any engine start further than 10km from the start prevents a relight.

Any engine start within 10km of the start requires a land back and relight. In the case of self launching motor gliders this must include, clearing the active runways and shutting down then seeking permission from the Launch Marshal or Competition Director before re-start and take off.

Turbo motor gliders are permitted one airborne engine start of approximately 2 mins duration to test the integrity of the engine detection equipment and prime their fuel system. This must be done immediately after aerotow and be begun at or below maximum release height for the day and before any competition start for the day. The Glider may not climb above the max release height.

Gridding

Competition pilots must have their glider on the grid in the day order or parked to the rear of the grid, by arrangement with the Launch Marshal, by no later than the time on grid published for the day. Pilots must then be available, with their aircraft, by no less than 15 mins before the published first launch for the day. At first launch time either:

1. The grid will be launched if one or more competitors elect to take a launch on Task.
2. An announcement will be made to either:
 - a. Delay the start for the same Task.
 - b. Fall back to the next briefed Task with a new first launch time.
 - c. Announce a re-brief for a new Task.
 - d. Scrub the day.

For any subsequent first launch time gliders and pilots must be in place by 15 mins before that first launch time.

The Most Important Rule

The Competition Director has sole and final discretion in all matters affecting the Competition.