

COMPETITION INFORMATION

1. Competition name

Räyskälä Masters 2025

The Finnish National Gliding Championships will be flown in Open, Racing and Club classes, in conjunction with the Masters competition.

2. Competition location

Räyskälä airfield (EFRY), Räyskäläntie 311, 12820 Räyskälä

Coordinates 60 40 44 N, 24 06 40 E, elevation 124 m MSL

3. Competition classes

Open, Club and Racing class

Handicaps will be used in all classes.

4. Schedule

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| Entries due | 28.2.2025 |
| Late entries due | 9.5.2025 |
| Registration | 22.5. klo 12-18 |
| Unofficial training day | 22.5. |
| Safety briefing, hangar 1 | 22.5. at 19:00 |
| Opening ceremony, in front of the Café | 23.5. at 10:00 |
| First briefing, after opening ceremony, hangar 1 | 23.5. at 10:15 |
| Competition flying | 23.5.-30.5. |
| Barbecue party | TBD |
| Prize-giving ceremony | 30.5. evening |

5. Organisation

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| Organizer | Räyskälä Foundation Anu Vahteristo, puh +358 400 921 260 anu.vahteristo@rayskala.fi |
| Competition director | Esko Lehtonen, puh +358 400 481 675 esko.lehtonen@rayskala.fi |
| Start master and deputy competition director | Simo Kettunen |
| Task setting | Esko Lehtonen, Simo Kettunen |
| Scoring | Esko Ollikka |
| Competition office | Paula Borkowski, Laurel Cooke & co |
| Jyry | President: Teemu Mykkänen Member: Markku Mathlin Member: Lassi Salonen |

General

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| 1.1 (section of the Finnish National gliding championship rules) Goal of the competition | The competition will be flown to find the Finnish National Gliding Champions 2025. The competition is also an international invitational event. |
| 1.4.2.1 Safety | The Safety briefing (mandatory) will be held in Hangar 1, on 22.5. at 19:00 o'clock. In addition, safety related instructions may be given at the daily briefings. Contestants should familiarize themselves with the Räyskälä standing regulations beforehand. All gliders are required to have a Flarm, and the Flarm ID must be identifiable to allow tracking by the organizer. |
| 1.4.1.3 Communication channel used for instant communication. | The WhatsApp application is used as the primary communication channel. |
| 1.4.5.3 Competition airspace | The airspace used in the competition is distributed to the competitors as a separate file. The airspace file will be published after completion and can be downloaded from the Soaring Spot https://www.soaringspot.com/en_gb/rayskala-masters/ . An aeronautical chart showing the competition airspace may be ordered from Karttakauppa Suomi (karttakauppa.net). (Southern Finland ilmailukartta, ANC 2103cd, 17 APR 2025) Forbidden Airspace: <ul style="list-style-type: none"> - The competition area and prohibited airspace are announced daily on the task sheet |

Competitors

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| 3.4.2 Entry fee | <ul style="list-style-type: none"> • The entry fee is 300 €. Entry time ends on 28.2., by which date the payment must be paid. • Late entry fee is 400 €. Late entry ends on 9.5., by which date the payment must be paid. • Entry fee recipient: Räyskälä Foundation Bank: OP Loppi IBAN: FI26 5253 1520 0119 91 |
| 3.5.4 Required documents | <ul style="list-style-type: none"> • Third party liability insurance (at least SRD 1.500.000 (> 500 kg) and at least SRD 750 000 (<500 kg) • A valid certificate of airworthiness or equivalent • Valid document showing the glider's MTOM and approved loading (Airplane flight manual, factory weighing certificate, last weighing certificate, approved weight and balance sheet) • Valid pilot's licence and medical certification • The files of the flight recorders used in the competition must be submitted via the download website mentioned in the registration form (scoring@rayskala.fi) no later than 19.5. klo 20:00 |

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| | <ul style="list-style-type: none"> It is highly recommended to deliver the primary flight recorder's calibration certificate (no older than 5 years). This will be used in case of altitude infringements. The certificate shall be delivered no later than 9.5. If no calibration certificate is delivered to the organization, in case of altitude infringements penalties will be given directly according to the flight recorder information (no late-delivered calibration certificates will be taken into account). |
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Technical requirement

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| 4.1.2 Instruments to be removed from the glider | <p>The following instruments must be removed from the glider, or their use inhibited by the competitor:</p> <ul style="list-style-type: none"> Bohl, Schanz, KT1 or any other gimbal compass and/or turn coordinator Artificial horizon Any other instrument enabling cloud flying |
| 4.2.2. Weighing | <p>Gliders may be weighed by means of spot checks. Weighing will take place during movement to the starting grid. Club class will be weighed 22.5. klo 16:00 – 18:30 to gain the valid reference weights.</p> |

Briefing

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| 5.2. Other communication between the organization and competitors. | <p>Daily briefing will be at 10:00 in Hangar 1.</p> <p>The primary communication channel of the competition is the briefing and the task sheet distributed there. Information in the briefing can be supplemented or changed while the competitors are on the ground using the WhatsApp messaging application.</p> <p>Via WhatsApp, you can inform about e.g. the transfer of tows, the cancellation of a day, a new briefing, etc. For information relevant to the competition performance, a confirmation is requested via WhatsApp through, and the competition office ensures that all competitors receive the information.</p> <p>While the competition day is in progress, the information sent on WhatsApp is also sent on the field's frequency 122.650 MHz.</p> <p>The organization will add the competitors to the necessary WhatsApp groups by the start of the competition.</p> |
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General flight procedures

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| 5.3.1. Radio frequencies | <p>Competition frequencies:</p> <ul style="list-style-type: none"> 122.650Mhz <p>Tows, start line, finish line, landing.</p> <p>All radio traffic within 10 km radius of the airfield.</p> <ul style="list-style-type: none"> 122.025Mhz <p>On task (chatter frequency)</p> |
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Flight tracking methods

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| 5.4.D | <p>Motor gliders whose engine can be started in the air (including return engines) must start the engine for a maximum of two minutes either before take-off, or within 5 minutes of release if the motor glider has been towed into the air.</p> <p>This can be done on any day to ensure engine operation, but should be done at least on the first competition day to prove the logger's ability to record the engine running sound (MoP).</p> |
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Competition flight procedures

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| 7.1. Discharging water ballast after weighing | May be discharged at the start grid. |
| 7.2.2. Contest site boundaries | Contest site boundaries are forest, Särkijärvi (lake Särki), hangar clearing area and Räyskäläntie (road). Annex A. |
| 7.3.2 Start procedures for self-launchers | Self-launchers shall, to the highest feasible degree, follow the same climb pattern as the towed gliders. A self-launcher's engine must be shut down inside the release area (Annex B), at or below 600 m AGL. |
| 7.3.2B | If a powered glider needs a new takeoff, the competitor must land before the engine can be restarted. If this is not done, the competitor's points are calculated to the point of starting the engine. |
| 7.3.3A Tow routes and release areas | Annex B. |
| 7.3.3B Circling direction in thermals | All thermalling within a 10 km radius of the field are recommended to be made to the left. All turns should be avoided inside the release area below the release height (600 m AGL). |
| 7.4.3 Start procedure | <ul style="list-style-type: none"> The Line Start, 10 km length (5 km radius). Also PEV start will be used. |
| 7.4.5. Declaration of the start line opening by radio | Will be reported at the start of the last tow of the class in question, 5 minutes before and at the time of opening of the start line. Reports for each class will be made separately. |
| 7.4.5C Declaration of the closure of the start line by radio | Normally the start line will not be closed. If the start line will be closed, the closure time will be announced in briefing and by radio at least 20 minutes before closure. |
| 7.4.6A Reporting the maximum start altitude | The organizer defines the maximum starting altitude for each class. The starting altitude is announced by radio at the same time as the opening time of the starting line. |
| 7.6.1A Informing of an outlanding | Inform primarily by WhatsApp message or phoning the competition office. The telephone number can be found in the task sheet. In case of an outlanding, the competitor should send the flight recorder file to the organisation as soon as possible. |

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| 7.6.3 Returning home by means of air tow | Allowed. The competition director must be informed. |
| 7.8.2. Finish type alternatives | <ul style="list-style-type: none"> • Finish ring, 3 km radius, minimum altitude 274 m MSL • Finish line, 1 km length (500 m on both sides of the finish point). After crossing the line, a direct in landing is recommended. If, after the crossing, the competitor performs a traffic circuit, the minimum finish line crossing height is 40 m AGL. |
| 7.7.4A Finish notification by radio | A competitor must report 10km distance from finish. Landing intentions shall be reported about 3 km before the airfield. Detailed instructions in Annex C |
| 7.7.4C Finish line closure | The finish line will be closed after the last glider has finished, outlanded or nighttime is considered to be prevailing in the competition area. |
| 7.9.1 Landing procedures | Daily landing procedures will reported during the briefing. Illustrations of landing procedures in Annex D |
| 7.10 Deadline for delivering flight recorder files | <ul style="list-style-type: none"> • Primary flight recorder 60 min. • Secondary flight recorder 120 min (on request) |
| 7.10.1. Flight recorder file sending | The flight recorder file shall be sent via email to scoring@rayskala.fi |

Complaints and protests

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| 9.2.3. Protest | A protest must be delivered in writing to the competition director. The protest fee is 150 €. |
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Additional information

Turnpoints

Official turnpoint file is Finland2022_v2.cup (SeeYou)

Results, tasks and downloadable files.

Results, tasks and downloadable files can be found at Soaring Spot:

https://www.soaringspot.com/en_gb/rayskala-masters/

Räyskälä Masters Purjelennon SM

Paikalliset menetelmät: liitteet
Local procedures: Annexes

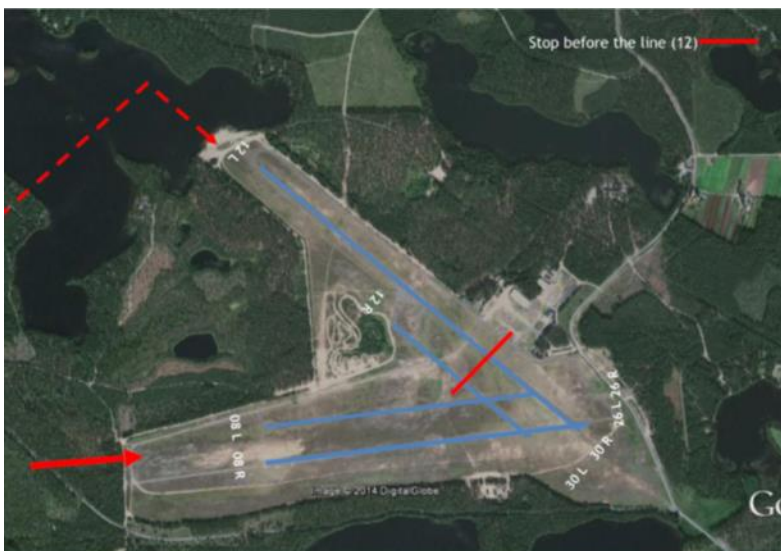
Liite A, Annex A



Liite B, Annex B



Liite D: Laskeutumismenetelmät käytettäessä maaliympyrää
 Annex D: Landing methods when using the finish ring



Liite D: Laskeutumismenetelmät käytettäessä maalilinjaa
Annex D: Landing methods when using the finish line

