The World Games
Birmingham, USA

Competition Rules
For
Canopy Piloting

2022 Edition
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1. **FAI AUTHORITY**

The competition will be conducted under the authority granted by the FAI, according to the regulations of the Sporting Code of the FAI, General Section, and Section 5 as approved by the IPC and validated by the FAI, and these rules. All participants accept these rules and the FAI regulations as binding by registering in the competition.

2. **ABBREVIATIONS, DEFINITIONS AND PHRASES USED IN THESE RULES**

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIW</td>
<td>Additional individual weight that a competitor can carry as determined by the chart in addendum E.</td>
</tr>
<tr>
<td>Body</td>
<td>The physical structure of a person, including clothing and footwear.</td>
</tr>
<tr>
<td>Canopy down (CD)</td>
<td>A situation in the Speed Event when a competitor's canopy makes surface contact prior to the competitor stopping the timing by breaking the sensor beam at G3 with his body. A pilot chute is not considered part of the canopy.</td>
</tr>
<tr>
<td>Closed course</td>
<td>If for any reason the Chief Judge (CJ), decides to close the course, an orange smoke canister and/or other suitable indicators will be placed at the beginning of the course or in another appropriate location. The indicator type and location will be described during the pre-event competitors' briefing.</td>
</tr>
<tr>
<td>Control problem</td>
<td>A condition of the parachute that makes it impossible to attempt a safe approach to the course.</td>
</tr>
<tr>
<td>Course</td>
<td>The designated path that competitors must navigate that is formed by gates and marked by sidelines in accordance with the details in Addenda A, B, C and D. Sidelines are part of the course.</td>
</tr>
<tr>
<td>Course marker</td>
<td>Devices that mark and indicate the boundaries of the course as shown in Addendum A.</td>
</tr>
<tr>
<td>Course Technical Director (CTD)</td>
<td>A person appointed by the Organiser and accepted by the IPC Canopy Piloting Committee for that position. The CTD is responsible for the planning, setup and maintenance of the courses before and during the competition.</td>
</tr>
<tr>
<td>Default result (DR)</td>
<td>A DR in Accuracy, Distance and Freestyle is one point. A DR in Speed is a time of 10 seconds.</td>
</tr>
<tr>
<td>Down-landing (DN)</td>
<td>A landing where surface contact is made during the landing by any part of the body, other than the feet.</td>
</tr>
<tr>
<td>DWIPE</td>
<td>Normal dressed weight including clothing, footwear, parachute equipment and all other equipment worn on the jump but excluding AIW. See §5.3. “Equipment and Weights”.</td>
</tr>
<tr>
<td>Entry gate (G1)</td>
<td>See gate. The first gate on the course. In Freestyle, the water surface is the entrance to the course.</td>
</tr>
<tr>
<td>Exit gate</td>
<td>See gate. The last gate on the course.</td>
</tr>
<tr>
<td>Gate</td>
<td>Consists of two course markers or electronic sensors separated laterally by a variable distance as specified in Addendum A.</td>
</tr>
<tr>
<td>Kiting/Kited</td>
<td>The competitor keeps the canopy (excluding the pilot chute) flying without any surface contact by the canopy.</td>
</tr>
<tr>
<td>Landing</td>
<td>A landing starts when any part of the competitor’s body makes surface contact, excluding contact due to water drag, and ends with a complete stop.</td>
</tr>
<tr>
<td>Landing zone</td>
<td>In the Zone Accuracy event, landing zones, denoted as Z1–Z9 and CZ, are defined areas within the boundaries of the course with assigned point values as specified in Addendum D.</td>
</tr>
<tr>
<td>Marker Strike (MS)</td>
<td>In all events, when any part of the competitor’s body or equipment comes into contact with a course marker, sensor, transmitter or any other fixed judging device and causes it to become non-functional or to need repair of any kind, as determined by the CJ.</td>
</tr>
<tr>
<td>Minimum result (MR)</td>
<td>The MR in all events is zero points, and ranked at the bottom of the ranking list.</td>
</tr>
<tr>
<td>Missed entry (ME)</td>
<td>Not scoring G1 for any reason, or in the Freestyle event, not touching water.</td>
</tr>
<tr>
<td>Missed Exit (MX)</td>
<td>Not scoring the Exit Gate for any reason.</td>
</tr>
</tbody>
</table>
No water drag (NW)—Not clearly showing surface contact with the water with any part of the body.

Off-course landing (OC)—A situation when part of a competitor’s body makes surface contact outside the course while not simultaneously maintaining surface contact within the course.

OPP—Official practice period

Out-flying (OF)—A situation when no part of a competitor’s body remains within the course and no surface contact occurs.

Parachute equipment—For the purpose of weight calculations described in §5.3.3., the parachute equipment is the parachute system (rig) and helmet.

Red card (RC)—A penalty issued by authorized persons during the competition for actions that are or flying that is deemed unsafe or for unsporting behaviour as described in these rules and in The Sporting Code: General Section.

Result—The point value of a score, after applying the calculation procedure in §6.6 or the points resulting from a DR or MR.

Safety zone—The areas outside the course as specified in Addendum A5.

Score—An evaluation by the judges of a competitor’s achievement while navigating the course; e.g. time in seconds in Speed, distance in metres in Distance, points in Zone Accuracy, and points in Freestyle. The minimum score is zero (0).

Scoring a gate—A gate is scored when any part of the competitor’s body breaks the imaginary plane between the course markers that make up the gate, or breaks the gate’s electronic sensor beam.

Scoring a water gate—To clearly show uninterrupted surface contact by performing a water drag with any part of the body, when passing through the imaginary line running between the leading (front) edge of the course marker of a water gate.

Stand-up landing (UP)—A landing where no part of the body other than the feet makes surface contact.

Surface contact—The point at which any part of the competitor’s body comes in contact with any part of the earth’s surface including natural and/or man-made structures and materials.

Vertical extension (VE)—When a competitor passes between, but above the course markers that make up a gate, failing to score a gate. VE applies to gates as specified in the rules in paragraphs 6.1 to 6.6.

VR—video review.

VRP—video review panel.

Water gate—The gates located on the water portion of the course.

Water drag—Surface contact made by dragging any part of the body on or through the water portion of the course.

Water landing (WL)—A landing in the water portion of the course.

Water zone (WZ)—The area between Water gates in the water portion of the course

Yellow card (YC)—A penalty, often recognized as a warning, issued by authorized persons during the competition for actions or flying that is deemed unsafe or for unsporting behaviour as described in these rules and in The Sporting Code: General Section. A YC may, but is not required to, be issued before a red card. Two yellow cards issued during a single competition are equivalent to and will have the same result as the issuance of a red card.

3. RULES SPECIFIC TO THE COMPETITION

3.1. Aims of the Competition

3.1.1. To determine the World Games champions of canopy piloting.

3.1.2. To promote safety and develop canopy piloting training and competition.

3.1.3. To exchange ideas and strengthen friendly relations between sport parachutists, judges and support personnel of all nations.

3.1.4. To allow participants to share and exchange experience, knowledge, and information.
3.1.5. To improve judging methods and practices.

3.2. Composition of Delegations

3.2.1. A World Games delegation will comprise of competitors and other delegation members officially invited in accordance with FAI WG protocols.

3.3. Program of Events

3.3.1. The competition shall be comprised of three rounds in each of the events Speed, Distance and Zone Accuracy, as described in §4 and Freestyle as described in Addendum K.

3.3.2. The minimum number of rounds required for a valid event is one round.

4. EVENT DESCRIPTIONS AND OBJECTIVES

4.1. Competition-Format Events

4.1.1. Drag Carved Speed: To navigate a parachute in as fast a time as possible through G1, through G2 and through G3, dragging water at or before G1. See §6.1 and §6.2 for additional requirements regarding scoring.

4.1.2. Drag Zone Distance: To navigate a parachute as far as possible by collecting drag points for each subsequent WZ scored within the 6 Water Zones, flying through G7 at the end portion of the distance course, and landing within the boundaries of the course. See §6.1 and §6.4 for additional requirements regarding scoring.

4.1.3. Zone Accuracy: To navigate a parachute through G1, perform a water drag through as many of the water gates as possible, and continue on to land precisely within a landing zone. See §6.1 and §6.3 for additional requirements regarding scoring.

4.1.4. Freestyle: To navigate a parachute through the course performing pre-determined moves, contacting the surface of the water in a manner dictated by the chosen Freestyle move(s) and end with a stand up landing on land. See §6.1 and §6.5 for additional requirements regarding scoring.

5. GENERAL RULES

5.1. Wind Conditions and Indicators

5.1.1. The maximum allowable wind speed as measured by an anemometer is 7 m/s in any direction, except for Zone Accuracy where it is 5 m/s in any direction.

5.1.2. There must be an anemometric wind-measuring system, located in accordance with SC5, §4.3.5, which shall be checked at 10-minute intervals. If the winds exceed 5 m/s, it shall be monitored constantly until the winds have remained below 5 m/s for at least 5 minutes. In Zone Accuracy, if the winds exceed 3m/s, it shall be monitored constantly until the winds have remained below 3m/s for at least 5 minutes.

5.1.3. A windsock capable of responding to winds of at least 2 m/s shall be positioned within 50 metres of the course.

5.1.4. A wind direction indicator (streamer) capable of responding to winds of less than 2 m/s shall be mounted on a pole within 20 metres of G1.

5.1.5. The CJ will determine the positions of the windsock and wind direction indicator, ensuring that both are fully visible for competitors approaching the course. This determination is not subject to protest.

5.2. The Minimum Exit Altitude On One Pass is

5.2.1. 1200 metres AGL with 1 or 2 competitors

5.2.2. 1500 metres AGL with 3 or 4 competitors

5.2.3. 2000 metres AGL with 5 or 6 competitors

5.3. Equipment and Weights

5.3.1. All competitors must wear a hard-shell protective head cover.
5.3.2. Protective equipment may be worn and is strongly recommended. It must not hinder the competitor’s parachute equipment or compromise safety, as determined by the FAI Controller.

5.3.3. At the time of the weighing carried out by the CJ, or a person designated by the CJ, DWIPE is calculated and recorded. DWIPE is the basis to define the maximum amount of additional individual weight allowed in accordance with the list in Addendum E.

5.3.4. A deviation of one kilogram on DWIPE measured in 5.3.3 will be allowed. This deviation is allowed to cover discrepancies between different scales used or a competitor being wet if weighted after the jump.

5.3.5. Any additional weight components must have a single-handle quick-release system. The release handle must be located on the front part of the competitor’s torso, be freely accessible and be made in such a way as to allow it to be quickly operated by a rescue person in case of an emergency. It must not come loose by itself and must be acceptable to the FAI Controller.

5.3.6. A scale capable of indicating the weight in increments of 1/10 of a kilogram must be provided to the competitors. A second identical scale must be available to the CJ, if requested.

5.3.7. The CJ will determine random-competitor-weight-check selection prior to and during the competition.

5.4. Official Practice Period

5.4.1. The official practice period (OPP) is the period of one day before the official start date of the competition. The dates and other details pertaining to the OPP must be included in the Official Information Bulletins.

5.4.2. The organizer must provide the opportunity for practice jumps for the competitors on any event courses during the OPP.

5.4.3. During the Official Practice Period and before the start of the competition, an official course closing drill must be conducted by the CJ. The time of which must be announced in advance, so that all officials and competitors can attend. This must be a full practice, and is mandatory for all judges and officials, including the use of the smoke, the emergency medical personnel, and a simulated call to the ambulance. The CJ must approve of the system that was practiced and report the results to the Jury prior to the start of the competition.

5.5. Jump Order and Exit Assignment

5.5.1. The results of the most recent FCE will determine the jump order for the first round. Those competitors will be grouped in reverse order of the Combined FCE placings and will jump at the end of the round.

5.5.2. Individual Competitors who did not compete in the most recent FCE will have their jump order determined by random draw, made by the Chief Judge, will be positioned into the remaining open slots and will jump at the beginning of the round.

5.5.3. A person designated by the Meet Director will supervise and record the exit order assignment within each pass as determined by the competitors.

5.5.4. The competitors involved will receive an MR if the CJ is not notified of any change to the exit order assignment before the 15-minute call prior to boarding.

5.5.5. The order of exit passes will be rotated by 20%, rounded down, with the start of a new round in any event on a subsequent day. The rotation will be done by taking the first 20% of the jump order and placing them at the end of the jump order. The Event Director may also use the same procedure to rotate the order of exit passes when starting a different event on the same day.

5.5.6. The Meet Director may make and use an updated reverse combined jump order for any round of any event if time permits.

5.5.7. By mutual agreement of the Meet Director and CJ, one event may begin prior to the completion of another event. The prior event may be completed later in the competition. No event holds a higher priority over any other event.

5.5.8. Where there is the option of a dual-entry setup into the course, one that permits navigating the course in more than one direction, the option can be selected for a complete round only. The course configuration must remain as described in the bid.
5.6. **Safety Violations**

5.6.1. Competitors shall exit the course immediately after landing. A yellow card may be issued by the CJ for failing to comply with this rule and consequently creating a hazard for another competitor unless the circumstances are beyond the competitor’s control as determined by the CJ.

5.6.2. A CJ may issue a yellow card to a competitor for a safety violation. They will be issued in general for unsafe actions, lack of sufficient canopy control, or erratic canopy handling.

5.6.3. A second yellow card is the equivalent of the issuance of a red card as per 5.6.5.

5.6.4. The CJ and the FAI Controller together, by mutual agreement, may issue a red card without a prior yellow card for any action that presents immediate danger and safety hazard to the competitor or others on the ground. Examples of this include, but are not limited to low approaches over the crowd or flying the canopy in an uncontrolled manner into any person or objects inside or outside of the course.

5.6.5. The issuance of a red card will result in the disqualification of the competitor from further participation in the competition, including the deletion of any results already achieved during the competition. The competitor will be marked as “disqualified” and will be listed in the ranking list after all other competitors.

5.7. **Safety Issues**

5.7.1. The CJ may suspend a competition at any time if wind or weather conditions are deemed to pose a safety hazard to the competitors even if the conditions are within the wind limits. The Meet Director must then notify the pilot to stop dropping competitors.

5.7.2. The aircraft pilot will signal the competitors when they are clear to exit. All the competitors will be briefed on the specific exit and spotting signals at the pre-event competitors’ meeting.

5.7.3. The Meet Director will inform the competitors via the pilot of any exit order or exit altitude changes or that the dropping of competitors must be stopped. The Meet Director must inform the CJ of any such changes or stopping of jumping.

5.7.4. Competitors must enter the course in order of exit. There must be sufficient exit delay between competitors to ensure safe separation and allow time for any judging and course maintenance. However, if it is not possible to enter the course in order of exit due to circumstances beyond the control of the competitor, the competitor may enter the course (provided there is no conflict with other competitors) and receive the assessed score as determined by the Judges. Otherwise, §5.5.4 will be applied.

5.7.5. During all events, a person, appointed by the CJ, shall be equipped with an audible warning device in order to make competition personnel aware of approaching competitors by the following signals:

5.7.5.1. Three (3) short signals indicating the exit of competitors from the aircraft

5.7.5.2. One (1) long signal, when each competitor initiates the turn into the final approach. At this time, competition personnel must clear the course and take positions alongside the course.

5.8. **Equipment Control Problems**

5.8.1. A competitor experiencing a control problem or malfunction requiring the use of the reserve canopy must not navigate the course and must utilize an alternate landing area if safe to do so.

5.8.2. A competitor experiencing a malfunction of the main parachute canopy that creates a control problem without requiring a canopy release shall not land on the course.

5.8.3. A qualified person shall be appointed by the CJ and will make an inspection of the equipment immediately after the competitor has landed to confirm that the competitor did suffer a malfunction that was not created by the competitor himself (e.g., packing error). The competitor must not disturb the canopy condition or equipment prior to inspection.

5.9. **Re-Jumps Due To Equipment Problems**

5.9.1. A competitor experiencing a control problem or malfunction, not created by the competitor himself will be granted only one re-jump during the competition, otherwise the actual score of the affected jump will be applied.

5.10. **Re-Jumps Due To Weather Conditions**
5.10.1. If the wind exceeds the maximum limit at any time in the period from when the competitor initiates the turn to final approach to when the landing of the competitor ends, the following applies:

5.10.1.1. In Distance and in Speed, no score will be awarded and the competitor shall make a re-jump.

5.10.1.2. In Zone Accuracy and Freestyle, the competitor may accept the achieved score within 10 seconds after receiving the assessments from the jump from the CJ; otherwise a re-jump for this round shall be made.

5.10.1.3. If winds exceed 5 m/s in Speed and Distance or 3 m/s in Zone Accuracy and change direction more than 90 degrees within 2 seconds (as measured and recorded automatically by an electronic device), a competitor landing within 30 seconds after the wind change must be offered a re-jump by the CJ. The competitor’s decision for the re-jump must be made within 10 seconds of being advised of this offer; otherwise the score for the jump is automatically accepted and recorded.

5.10.2. If a competitor experiences adverse weather conditions as determined by the CJ, the competitor will be offered a re-jump. The competitor’s decision for the re-jump must be made within 10 seconds of being advised of this offer; otherwise the score for the jump is automatically accepted and recorded.

5.11. Re-Jumps Due To Outside Interference

5.11.1. A competitor who suffers interference, on the ground or in the air from other competitors, jumpers, or temporary objects, as determined by the CJ, will be offered a re-jump.

5.11.2. At the sole discretion of the CJ, any other competitor suffering interference as a result of a competitor not clearing the course will be offered a re-jump.

5.11.3. At the sole discretion of the CJ if two or more competitors approach and/or enter the course close together and in the process create interference between each other, a re-jump may be offered to one, both or neither competitors.

5.11.4. The competitor's decision for the re-jump must be made within 10 seconds of being advised of this offer; otherwise the score for the jump is automatically accepted and recorded.

5.12. Re-Jumps Due To Technical Factors

5.12.1. If the electronic timing and scoring system in the Speed event malfunctions and is unable to produce a score, a re-jump will be awarded to those competitors affected.

5.12.2. If a course marker or any technical scoring equipment has been rendered non-functional for any reason and cannot be repaired before the next competitor navigates the course, the next competitor(s) will be awarded a re-jump only if the damaged course marker or technical scoring equipment adversely affects the scoring process for a competitor as determined by the CJ.

5.12.3. In the event of a closed course, competitors are not allowed to enter or navigate the course.

5.12.4. If it is not safe to stay outside of the course and/or an alternative landing area is not available, the competitor may make a normal, non-aggressive landing on the course.

5.12.5. A competitor complying with the above will be granted a re-jump as decided by the CJ, otherwise an MR will be applied for that jump.

5.13. Re-Jump Procedures

5.13.1. Each competitor who is granted a re-jump must receive a Re-Jump Form from the CJ to be handed in to the Meet Director.

5.13.2. The competitor must make the re-jump at the earliest opportunity as determined by the Meet Director, who will inform the CJ, before the 15-minute-call is made, on which load and in which exit order the re-jump will be performed.

6. SCORING

6.1. Scoring in All Events

6.1.1. If not otherwise specified, §6.1 applies to all events.

6.1.2. Scoring G1 in all events will yield at least a default result (DR), unless there is a disqualification.
6.1.3. Except in the case of an ME or disqualification, marker strike, off-course landing, canopy down, vertical extension, or no water drag (MS, OC, CD, VE, NW) penalty is applied for a jump after G1 has been scored, the result for the jump will be a DR.

6.1.4. A Minimum result (MR) applies for a jump in the following situations:

6.1.4.1. Missed entry (ME), no matter where the competitor lands

6.1.4.2. Failure to wear a protective helmet while navigating the competition course

6.1.4.3. Failure to notify a change in the jump order or creating interference, as determined by the CJ (see §5.5.4)

6.1.4.4. Exceeding the AIW allowed as per Addendum F

6.2. **Scoring in Drag Carved Speed**

6.2.1. The competitor must break the sensor beam(s) with some part(s) of the body at G1 to start and at G3 to stop the timing. CD after G3 has been scored does not affect the score achieved.

6.2.2. Vertical extension (VE) will be applied at all gates.

6.2.3. Canopy down (CD) will be applied. Keeping the canopy kitted between G1 and G2, and G2 and G3 is allowed.

6.2.4. Out flying applies at all gates (only). OF between G1 and G2, and G2 and G3 is allowed.

6.2.5. The competitor must drag water at some point before or at G1, otherwise no water drag (NW) applies.

6.2.6. A competitor’s score for the jump is the time taken to navigate the course and is measured to the thousandth of a second.

6.3. **Scoring in Zone Accuracy**

6.3.1. The competitor’s landing must start and come to a complete stop within the boundaries of the course. OC applies if surface contact occurs outside of the course and no part of the competitor’s body remains in surface contact within the boundaries of the course at the same time.

6.3.2. A competitor must earn Water Gate Drag points for at least one Water Gate to be awarded landing zone points. Points are awarded for each Water Gate Drag of a Gate. Point values for Water Gates are as in Addendum G.

6.3.3. A competitor must earn landing zone points for at least one landing zone to be awarded Water Gate Drag points. Landing in water after scoring G1 will yield a DR. Landing Zone point values are as in addendum G. The competitor is awarded the score of the zone with the lowest point value that was touched during the landing.

6.3.4. A competitor’s score for a round in Zone Accuracy is the sum of Water Gate points and Landing Zone score minus 10 points for failure to perform a stand-up landing (UP).

6.4. **Scoring in Drag Zone Distance**

6.4.1. Touching water before the course is allowed but not required.

6.4.2. A competitor is awarded the cumulative sum of all point values of the water zones scored while navigating the course. A WZ is defined as the area from the leading edge of the marking buoys to the following zone, in WZ6 to the marked water line and within the boundaries of the course. The competitor must score at least water zone WZ1 to be awarded Land points. WZ1 is considered the same as G1 as per §6.1.2. Water Zone point values are as in addendum G.

6.4.3. Vertical extension (VE) will be applied at G7, which is positioned on the course 50 metres after the end of Water Zone 6.

6.4.4. After scoring Water Zones, the competitor’s landing must start and come to a complete stop within the boundaries of the course. Off-course landing (OC) applies if surface contact occurs outside of the course and no part of the competitor’s body remains in surface contact within the boundaries of the course at the same time.

6.4.5. If a competitor fails to drag WZ2, WZ3, WZ4, WZ5, or WZ6, negative points equal to the positive value of the respective zone or zones, will be deducted from the total score. If the score is negative DR applies.
6.4.6. A competitor’s score for a landing as in §6.4.2 will be:

6.4.6.1. The total score for the jump will be the cumulative sum of all the point values of all the water zones earned, minus any negative points awarded, plus the number of meters achieved as per §6.4.6.3. The minimum score is 0.

6.4.6.2. Water zone point values as per Addendum G will be awarded when WL occurs inside the boundaries of any zone dragged. WL is not penalized after the scoring of any WZ has occurred. The competitor will retain all water points earned.

6.4.6.3. The measured distance for landing is the distance from the waterline at the end of WZ6, to the point on the course that has been touched during landing closest to the waterline, measured in metres to the second decimal.

6.5. Scoring in Freestyle
Refer to Addendum K.

6.6. Calculation of Points

6.6.1. In Zone Accuracy, the score of the top ranked competitor in each round is expressed as the total amount of points collated. The Competitor with the highest score is ranked top, the competitor with the lowest score is ranked lowest.

6.6.2. In Drag Zone Distance, the score of the top ranked competitor in each round is expressed as the maximum distance achieved. The Competitor with the highest score is ranked top, the competitor with the lowest score is ranked lowest.

6.6.3. In Drag Carved Speed, the score of the top ranked competitor in each round is expressed as the minimum time achieved. Competitors with the lowest time is ranked top, competitor with the longest time is ranked lowest.

6.6.4. In Freestyle, the score of the competitor in each round is expressed as the total amount of points collated from 5 judges. The Competitor with the highest score is ranked top, the competitor with the lowest score is ranked lowest.

7. JUDGING

7.1. Judges’ Conference

7.1.1. The CJ will organize a judges’ conference prior to the start of the competition. All judges shall attend the conference.

7.1.2. All members of the panel of judges must be FAI Canopy Piloting Judges.

7.1.3. Judges-in-training may be used in addition to the panel of judges provided they are under the direct supervision of the CJ or Chief Judge of Training and have attended the judge’s conference.

7.1.4. Each performance shall be judged by at least three members of the panel of judges.

7.1.5. Practice jumps will be judged at the discretion of the CJ. The time period during which the relevant events will be judged during the OPP will be announced by the CJ.

7.1.6. Judges will be strategically positioned at the course according to the needs of the specific event and to the technical equipment in use for the specific event as determined by the CJ.

7.1.7. In all events, the assigned judges will use the respective signals or methods as determined by the CJ to indicate the scores.

7.1.7.1. Failure to score the gates is indicated by the assigned judge with the respective signal.

7.1.7.2. Scores for the landing in Zone Accuracy, including UP, and in Drag Zone Distance are noted on independent score sheets by two different scorers. They are transmitted to the scoring processor by means determined by the CJ.

7.1.7.3. The judges must record any rule violation of a competitor (i.e., ME, MS, OC, VE, CD, exit order mix-up, interference, control problems, etc.) as well as the need for a video review (VR), for any reason.
7.1.7.4. All judges shall watch for unsafe canopy flight by competitors. If a judge witnesses what he/she feels was an unsafe act, they shall inform the Chief Judge so that a YC or RC may be issued, if so decided.

8. VIDEO CAMERAS

8.1. Use of Video Camera System

8.1.1. In each event there must be a video camera system set up, which must be capable of reduced speed playback. The system must include audio and record all cameras on a hard drive. Images from all cameras must be synchronized and be accessible instantly. It must be a secure closed system with media access limited to the Judges Panel and not linked to the internet.

8.1.2. The Video Camera System or electronic system will be used as an additional tool to verify the score at the discretion of the CJ in any event.

8.1.3. The positioning of the cameras shall be event related for course surveillance in general and for the specific requirements in each event for gates, entries into the course and landing areas. The positioning of the cameras will not be grounds for protest.

8.1.4. If the CJ decides that the video set-up at the course allows for video judging of all or parts of the course, the minimum evaluation principles (§7.1.4) apply for video judging.

8.2. Video Review

8.2.1. At the request of a member of the judging panel and if the VR has been recorded on the judge’s score sheet, the CJ shall order a review of the jump in question at the earliest opportunity. One judge will be positioned on the VR-system to cross check and verify each jump, and notify the CJ in cases where a VRP has to be called.

8.2.2. The video review request will be noted on a Video Review Form, which must be handed to the Chief Judge, to initiate the VR procedure.

8.2.3. The VRP of three persons is composed of the CJ, and if possible, the panel member that requested the review, and/or one other judge.

8.2.4. A VR cycle is comprised of a maximum of three viewings of part(s) of the jump in question. Reduced speed playback may be used after the first viewing.

8.2.5. At any time during the review process and without discussion, the judges will render their decision using the following procedure:

8.2.5.1. Confirmation of the assessment on the judge’s original score sheet

8.2.5.2. Determination of the outcome of a VR using a voting process overseen by the CJ: Any decision must be rendered clearly by “YES” or “NO” only, (i.e., by thumbs-up-thumbs-down on command or by indication of a “Y” or “N” on paper etc.,) without any application of in-between decision possibilities or options other than “YES” or “NO”.

8.2.5.3. The initial assessment on the score sheet can only be changed with a unanimous decision of the video review panel.

8.2.5.4. A majority decision of a video review panel leaves the initial assessment unchanged. If no initial assessment was made for any reason on the score sheet, the majority vote will be used as the decision.

8.2.6. The CJ will review the decision of the video review panel, document the result on the Video Review Form and adjust the competitor’s score on the score and result list, if applicable.

8.2.7. The scores will not be final until the data and/or recording media are reviewed, if necessary. The CJ shall be responsible for determining a competitor’s final result and place.

9. DETERMINATION OF WORLD GAMES CHAMPION

The calculation to turn scores of each round into points (result) is as follows:
9.1. **Ranking Calculation**

9.1.1. Each round will be ranked separately.

9.1.2. In each round competitors are ranked on a numerical scale to receive ranking points according to their placing. Every competitor who scored a DR will be ranked after the competitors who obtained a numerical score. Any competitor(s) who scored a MR will be ranked after those competitors who scored a DR. Rank one equals one point, rank two equals two points and so forth. The lowest amount of aggregated ranking points determines the champion.

9.1.3. The World Games Champion is the competitor with the top ranking after adding all completed rounds’ rankings together (Zone Accuracy, Speed, Distance and Freestyle).

9.2. **Tie Breaking**

9.2.1. In case of a tie, the competitor who earned the most first place rankings in each round will win. In the event of a tie in first place rankings, the number of second place rankings will be taken into consideration, and then the number of third place rankings, etc.

9.2.2. If the above cannot break the tie, then the top ranking competitor from the last completed round will win.

9.3. **Medals Awarded**

1st Place Overall, 2nd Place Overall, 3rd Place Overall
ADDENDUM A: GENERAL COURSE SPECIFICATIONS

A.1 All courses must begin over a body of water.
A.2 All courses must be 10 metres wide over the total length of the course.
A.3 The body of water must be a minimum of 20 metres wide and at least 80 metres long.
A.4 Where applicable, the body of water must provide a minimum safety area of 20 metres before G1. However, if the location allows, the safety area is recommended to be as large as possible.
A.4.1 The body of water must provide a minimum depth of 0.60 metres over the minimum width from the beginning of the pond.
A.4.2 The above-described dimensions of the pond apply also for Freestyle.
A.4.3 For safety reasons, the water level must be kept high enough to provide a smooth transition from the water level to the ground surface around the exit sides of the pond (maximum 5 cm allowance)
A.4.4 If the water is deeper than 1.5 metres, suitably equipped rescue personnel are required.
A.5 All courses must have a safety zone of 5 metres along both sides, and at the end of the course between the course sidelines and the spectator areas, indicated by marking devices, which shall not be higher than 5 metres and acceptable to the CJ and CTD.
A.6 Gate Area and Target Area
A.6.1 In Drag Carved Speed, the gate area is the part of the course between G1 and G2, and, G2 and G3. In Drag Zone Distance, the gate area includes the Water Zones (WZ) and G7 on land. In Zone Accuracy the gate area is from G1 to the waterline.
A.6.1.1 In zone accuracy the distance between G1 and the demarcation line between Zone 1 and Zone 2 is 50 metres.
A.6.2 Course markers for G1 in all events, G2 and G3 in Drag Carved Speed and G7 in Drag Zone Distance must be a minimum of 0.20 metres in diameter and be 1.5 metres in height +/- 5 cm, measured from the surface. They must be fixed in position in such a way that the centre axis of the marker may only move a maximum of 10 cm from their approved position.
A.6.3 Course markers G2 through G5 in Accuracy Landing and WZ markers in Drag Zone Distance may be marker buoys with a minimum diameter of 0.20 metres.
A.6.4 The target area is the part of the course after the waterline, which must be indicated by sidelines made of line-type material, or markings clearly visible from above. The water line may also be marked at the discretion of the CJ.
A.7 All courses and video cameras/systems must be acceptable to the CJ.
A.8 For the Speed Event there must be a spare course marker with the appropriate colour for each side of the course, readily available to replace a broken one.
A.9 If Possible in the speed event there must be an electronic device to display the achieved time synchronized with the Speed Timing System or the Scoring System. It should be located close to the course visible to competitors and spectators.
ADDENDUM B: SPEED COURSE SPECIFICATIONS

B.1 DRAG CARVED SPEED COURSE SPECIFICATIONS

B.1.1 The course between G1 and G3 shall be 70 metres long measured along the centreline of the course.

B.1.2 The course shall have an angle of 75° and a radius of 53.48 metres measured along the centreline.

B.1.3 At G1 and G3 a sensor system shall be installed, subject to approval by the CJ.

B.1.3.1 The electronic sensors shall be placed inside (after) G1 and outside (after) G3.

B.1.3.2 The Sensors should be placed at the same level as the top of the course markers at G1 and G3. If installed, the lower sensor should be placed at approximately 0.9 m bellow the upper sensor. Both sensors should be offset the same amount from the Gate Markers G1 and G3 respectively.

B.1.4 There shall be 3 pairs of course markers G1 (Entry Gate), G2(Centre Gate) and G3(Exit Gate) evenly spaced over the length of the course. Deviating from A2, the width of G1 is reduced to 7.5 m measuring the shortest line between the inside of the G1 markers. At G2 and G3 the course is 10m.

B.1.4.1 The course markers on the inside of the carve shall be of a contrasting, and of a darker colour than on the outside carve, as seen from above. The course markers should be of an inflatable type.

B.1.4.2 The course shall be approximately 10m wide, as measured between the ‘inside’ of the upright section of the buoys for G2 and G3, and 7.5 m wide for the entrance gate, G1.

B.1.4.3 A minimum of 10 metres at the end of the course must be out of the water.

B.1.5 The carve direction must be specified in the accepted bid for the event, and must be published in the Official Information Bulletins. The carved course can be carved in any direction, left or right.

ADDENDUM C: DISTANCE COURSE SPECIFICATIONS

C.1 DRAG-ZONE-DISTANCE COURSE SPECIFICATIONS

C.1.1 Beginning at the water line, at the end of WZ6, a metric measurement tape having a minimum length of 100 metres, showing increments of 1 cm, must run down one side of the course, being flat on the surface, and if applicable, on top of the course marking device. The Waterline is defined as the line at the end of WZ6.

C.1.2 Each water zone from WZ1 to WZ6 will be 10 meters long. The distance from the waterline at the end of WZ6 to Gate 7 (G7) will be 50 meters.

C.1.3 At 50 metres from the Waterline, course markers with a height of approx. 1.5 metres and a minimum diameter of 0.20 metres shall mark Gate 7 (G7).

C.1.4 Attachment devices used on the course shall be placed in such a way, that no obstacle or hazard is created for anyone on or around the course.

C.1.5 All devices and the positioning of them must be acceptable to the CJ.
ADDITIONUM D: ZONE ACCURACY COURSE SPECIFICATIONS

D.1 The course consists of two rows of markers that form a series of four gates, and also the landing zones.

D.2 The body of water will cover 44 (+/- 1m) metres from entry gate G1, to the waterline. The waterline may be additionally marked if deemed necessary by the CJ.

D.3 Water gates G1 through G4 are approximately 12 metres apart from each other.

D.4 The distance from water gate G4 to the waterline shall be 8 metres +/- 1 metre.

D.5 The distance from G1 to the line between Zone 1 & Zone 2 is 50 metres.

D.6 Landing zones: The shape and dimensions of the landing zones must be as depicted in Addendum F.

D.7 Demarcation-lines mark the areas separating each zone. As with the sidelines, they must be made of material to minimize injury, to be able to be quickly repaired, to be wide enough so to be clearly visible from above.

D.8 Centre Zone demarcation lines must be of a contrasting colour to the other zone demarcation lines.

D.9 Zone 7 must have indicators outside of the zone, to indicate its location (i.e. flags etc.).

D.10 Zone Lines

D.10.1 The zone demarcation lines belong to the zone with higher scoring points.

D.10.11 The line at the end of zone 10 is defined as part of zone 10.

D.11 The zones must be filled & covered with a material designed to minimize injury and must be acceptable to the CTD. The accuracy pit should be filled with Pea Gravel, or similar material, ranging from 2 mm to 10 mm in diameter, and the pit should have a filled depth of at least 30cm. The Pea Gravel should be level with any other part of the course or land that is adjacent to it, i.e. the edge of the pond, or the continuation of the Distance course for example.

ADDITIONUM E: FREESTYLE COURSE SPECIFICATIONS

E.1. For the Freestyle event, all markers will be removed from the pond.

E.2. Landing zone(s) will be declared for the landing part of the Freestyle jump. They must be suitable for landing and provide enough safety area as determined by the CJ (multiple landings zones, at different sides of the water section may be declared).
ADDENDUM F: LIST FOR DRESSED WEIGHT (DWIPE) AND ADDITIONAL INDIVIDUAL WEIGHT (AIW)

Note: The maximum AIW allowed is 15.9 Kg.

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WEIGHING PROCEDURE:

At the time of the Weight check:

1. The competitor’s DWIPE less one kilogram allowed for discrepancies is determined.
2. The DWIPE obtained in 1 above is used to determine the AIW allowed per the list in Addendum E.
3. The competitor’s AIW is weighed and compared to the AIW determined in 2 above.
4. If the AIW determined in 3 above is more than the AIW determined in 2 above, a MR will be recorded for that round.
ADDENDUM G: COURSE LAYOUTS

G.1 Drag Carved Speed Course

G.2 Zone Accuracy Course

G.3 Drag Zone Distance Course
ADDENDUM H: RECOMMENDED STANDARD JUDGING SIGNALS

Missed Entry (ME)
Vertical Extension (VE)
No Water Drag (NW)
Out Of Course Landing (OC)
Out of Course Flying (OF)
Canopy Down (CD)
Video Review (VR)
Down Landing (DN)
## ADDENDUM I: VIDEO REVIEW FORM

### VIDEO REVIEW REQUEST

| Competitor Name: | | |
| Competitor #: | | |
| Round #: | | |
| CP Event: Speed | Distance | Accuracy |

### ORIGINAL ASSESSMENT

Examples:
G3 NW; Z5 DN; VE G5

### VIDEO REVIEW PANEL

| Requesting Judge: | | |
| CJ: | | |
| Additional Judge: | | |

### DECISION SYSTEM

- Thumbs Up/Down
- Paper
- Other

### FINAL DECISION

- Original Assessment Exists

- Majority Vote (2:1) **No Change** to Initial Assessment
- Unanimous (3:0) **No Change** to Initial Assessment
- Unanimous (3:0) **Change** to Initial Assessment

### FINAL DECISION

- No Original Assessment Exists

- Majority Vote (2:1) **Final Assessment:**
- Unanimous (3:0) **Final Assessment:**

Note: A majority decision of a VR leaves the initial assessment unchanged, except in the situation in which initially no assessment has been made for any reason on the scoresheet. Then, the majority vote will make the decision.

### CERTIFICATION

| Chief Judge: | | |

Date:

### FINAL ACTION

| CJ Initials | | |

In accordance with the decision of the VRP, the CJ has documented the action on the score sheet and on the score list for the round.
### ADDENDUM J: RE-JUMP FORM

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ADDENDUM K: FREESTYLE SPECIFIC RULES

1. EVENT DESCRIPTION AND OBJECTIVES

In the Freestyle event, the competitor navigates his parachute through the course performing pre-determined moves. The competitor’s objective is to navigate a parachute through a course contacting the surface of the water in the manner dictated by the chosen Freestyle move(s) and end with a stand up landing.

2. SCORING

2.1. Technical Specifications for Freestyle

2.1.1. The first round. A single move will be presented. It must be a move described in Dive Pool 1 of the Addendum K.1 Description of Freestyle Moves.

2.1.2. The second round. A single move will be presented. It must be a move described in Dive Pool 2 of the Addendum K.1 Description of Freestyle Moves.

2.1.3. The third round. A combination of two (2) moves will be presented. The first move must be a move described in Dive Pool 3 of the Addendum K.1 and the second move must be a move from Dive Pool 1 or 2, which has not been previously performed in round 1 or 2.

2.1.4. All moves have to be pre-declared on the drama sheet and presented to the CJ at the latest before the first call to start the round.

2.1.5. When using Video Assisted Judging the panel of Judges will view the performance live, plus one immediate additional viewing at 50% reduced speed to assess the performance and award points.

2.1.6. A panel of 5 judges evaluate all jumps. Every Judge scores the performance of each move from 0.0 (poor performance) to 10.0 (good performance) using one (1) decimal place. Round 1 and 2 will have one move (up to 10.0 per judge) and round 2 will have 2 moves (up to 20.0 per judge).

2.2. Scoring Structure

2.2.1. All five (5) Judges will score each Freestyle move by scoring the 4 key elements of the move plus the key element of time dragged / water area. Each key element will be scored from 0.0 to 2.0 using one (1) decimal.

2.2.2. If the landing is not a stand-up landing (UP), 10 points will be deducted from the total score of that jump.

2.2.3. A DR will be awarded when indicated by a minimum of three (3) Judges of the panel.

2.2.4. A judge or assistant personnel appointed by the CJ will call out the expected move or combination of moves of the next competitor to enter the course.

2.3. Score Calculation

The calculation to turn scores of each round into points (result) is as follows:

2.3.1. The score of a round is the score of the 5 Judges added together. For round 1 and 2 the added score is multiplied by 2 for a maximum of 100 points. For round 3 each Judge may award up to 20 points. All calculations are calculated to the third decimal. No rounding applied.

2.3.2. Contact with water, with no other performance will yield a DR. Not touching water is considered missed entry and result in MR.

2.3.3. When landing in the water (WL), the score will be DR.

2.3.4. If not declared or presentation is out of sequence, wrong or cannot be distinguished but water has been dragged a DR will be given.

3. JUDGING

3.1. Point Guidelines
Scoring of the (4) defined key elements of the move are according to the following guideline. The maximum score is 2 points for each key element. The following table shows the possible deductions to apply.

- 0.1 points deduction for each small mistake
- 0.2 to 0.5 points deduction for each medium mistake
- Up to 1.0 points deduction for each major mistakes
- Up to 2.0 points deduction for no performance at all, or not identifiable

The key element of time dragged / water area will consider the usage of the pond, time in water contact and intensity of water contact. The maximum is 2 points.

3.2. Mistake Examples

3.2.1. Small mistake examples
- slight loss of direction control, slight wobble, etc.
- toes not pointing, knees bent

3.2.2. Medium mistake examples
- significant loss of direction control, wobble, not enough rotation, etc.
- required elements performed incorrect, turning the wrong direction, etc.

3.2.3. Major mistake example
- completely missing required elements or performed so poorly that move is barely recognizable

3.3. Technical Aspect

3.3.1. The landing should finish in a stand up landing, otherwise a DL will be given a penalty of 10 points deducted from the calculated total score.

4. USE OF VIDEO CAMERAS

4.1.1. In each event there must be a video camera system set up, which must be capable of reduced speed playback. The system must include audio and record all cameras on a hard drive. Images from all cameras must be synchronized and be accessible instantly. It must be a secure closed system with media access limited to the Judges Panel and not linked to the internet.

4.1.2. Additional video cameras may be used as an assisting tool for judging and/or course surveillance as determined by the CJ. If the CJ decides that the video setup at the course allows for video judging of all or parts of the course, the minimum evaluation principles (§ 7.1.4) apply for video judging.
ADDENDUM K. 1: DESCRIPTION OF FREESTYLE MOVES

Pool 1 Freestyle moves for round 1

5.1. *Cross-Up*
The pilot positions himself with both feet underneath the body (inline) and crossed while dragging the surface with both feet.

- The upper body should be vertical to the surface and straight.
- The legs and feet are inline with the body.
- The knees are slightly bent and legs should be crossed below the knees.
- Both feet dragging the surface

5.2. *Can-Can*
The pilot extends both legs to one side of the body (not underneath the body) with feet apart while dragging at least one foot on the surface.

- The upper body should remain square to the line of flight with chest and shoulders facing forward.
- The pilot should extend the legs and push feet out to one side as much as possible with the knees locked.
- The feet should be as far apart as possible.
- At least one foot dragging

5.3. *Nac-Nac:*
The pilot drags both feet inline with the body at the same time with the forward foot dragging heel side and the trailing foot dragging toe side.

- The upper torso should be vertical to the surface and facing forward.
- Both legs straight inline with the body, no wider than the shoulders.
- Both feet should be dragging.
- The forward foot must be heel side and the trailing foot toe side.

5.4. *"T" (DOD 1.3)*
The pilot's body is vertical with one foot dragging, and the other leg extended and horizontal to the surface.

- The upper body should be straight and vertical to the surface.
- The leg of the dragging foot should be extended and locked at the knee.
- The non-dragging leg should be extended straight out from the body, horizontal to the surface and locked at the knee.
- The lower foot is dragging.

Pool 2 Freestyle moves for round 2

5.5. *Superman*
The pilot’s body is straight and horizontal with both feet dragging the surface while facing forward.

- The body facing forward, should be straight and rigid from the head to the feet.
- The body should be horizontal and low to the surface.
- The legs and feet should be together and dragging the surface in line with the body.
- The body must return to vertical (standing) position prior to landing.

5.6. *Boomerang*
The pilot carves with banking while keeping at least one foot with contact with the surface.

- The upper body should remain square to the line of flight with chest facing forward.
- The lower body should be positioned close to the surface.
- The pilot must drag at least one foot on the surface,
- Carving at least 45°.

5.7. *Lazy Boy*
The pilot's body is straight from head to feet with the legs extended out in front with the body leaning back while dragging both feet on the surface.

- The body should be horizontal and facing upwards while low to the surface (60\(^\circ\)).
- The body should be straight and rigid from the head to the feet.
- The legs and feet should be together with the knees locked while dragging the surface.
- The body must return to vertical (standing) position prior to landing

5.8. *Switchblade*

The pilot places both toggles in one hand and in front of the body.

- The upper body should face forward of the direction of flight.
- Both toggles must be in one hand only.
- The hand holding the toggles must be in front of the body.
- Dragging at least one foot on the surface.

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## Pool 3 Freestyle moves for round 3 (add one more move from Pool 1 or 2 for a 2-move-combination)

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5.9. *BlindBoom*

The pilot twists entire body 180\(^\circ\) in harness, while carving with banking, and dragging at least one foot

- Rotating body a full 180\(^\circ\) from the direction of flight.
- The lower body close to the water surface, knees slightly bent.
- The body rotating and carving while dragging.
- Carving at least 45\(^\circ\).

5.10. *Cowboy*

The pilot takes one hand off the controls and drags it on the surface, both legs to side while dragging at least one foot.

- The Body is vertical and low to the surface with the shoulders square to the direction of flight.
- The legs extended to one side.
- One hand must drag the surface while dragging at least one foot.
- The hand dragging the surface must be completely off the controls with no toggle in hand.

5.11. *Ghost Rider*

The pilot takes hands completely off the controls (toggle and risers) while facing forward with feet underneath the body and dragging at least one foot on the surface.

- The upper body should be vertical.
- At leastone foot is dragging.
- Both legs should be straight (knee slightly bent only)
- Both hands must be off the controls and extended out to the sides during the execution.

5.12. *Tick Jockey*

The pilot places both toggles in one hand and in front of the body with a simultaneous foot-grab with the other hand, the other foot dragging.

- Both toggles must be in one hand and in front of the body
- Dgagging one foot on the water’s surface.
- The other hand must perform a foot-grab behind the back at one moment in time
- The body should be arched to as much as possible while dragging the foot on the surface.
## ADDENDUM K. 2:
**DRAMA SHEET FOR THE FREESTYLE EVENT**

<table>
<thead>
<tr>
<th>Competitor Number:</th>
<th>Competitor name:</th>
<th>Country:</th>
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### CANOPY PILOTING FREESTYLE EVENT

<table>
<thead>
<tr>
<th>Round, Jump nº</th>
<th>Description</th>
<th>Move Name: (One move only)</th>
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<tbody>
<tr>
<td>Round 1, Jump nº 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Round 2, Jump nº 2</td>
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<tr>
<td>Round 3, Jump nº 3</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Move 1 Name:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Move 2 Name:</td>
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