

**FEDERATION AERONAUTIQUE INTERNATIONALE**

**COMMISSION D'AEROSTATION DE LA FAI**

**FAI BALLOONING COMMISSION**

**CIA**



**OBSERVERS GLOSSARY**

2nd Edition

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FAI - 93 boulevard du Montparnasse, 75006 PARIS, France

# INTRODUCTION

While the **Observer's Glossary** is intended to help understand competition rules, it is not part of the rules and regulations of any balloon competition.

The glossary is intended to be a help for the observers who speak English as a foreign language. In large international balloon competitions such observers form the majority of the observer corps.

Word entries are selected by the following criteria:

1. All specific terms used in the rules
2. All words that appear in the rules and might be unfamiliar to a foreign speaker of English
3. Main components of a hot air balloon
4. Some other words commonly used at balloon competitions.

Entry words are set in boldface type and they stick into the left-hand margin.

If the definition or example is quoted from the Uniform Model Rules AX 93, it is set in *italics*. If it is quoted from the 1994 edition of the Sporting Code, either General Section or Section 1, it is set in ***bold italics***. Numbers after paragraphs refer to General Section (e.g. GS 4.3.2), Section 1 Aerostats (e.g. A 2.5.7) or Uniform Model Rules (e.g. 9.13.2). Clarifications that are not part of the quotation, are put in brackets and set in ordinary type, (like this).

Only the meanings used in a balloon competition are given.

Cross-references are set in SMALL CAPITAL LETTER.

## A

**abide by**

To follow (The rules).

*The entrants and competitors are required to know, understand, accept and abide by the Sporting Code and the rules and regulations for the Event ----. A 3.11.1*

**aborted take-off**

A decision by the pilot not to launch, even though he has been given permission and was ready for take-off.

*A balloon is considered to have taken off and to be flying the task if it passes over the boundary of the launch Area or Launch Site. A competitor may abort his take-off for safety reasons but must avoid the obstruction of other balloons. He may attempt further take-offs inside the Launch Period.*

*At a common Launch Area he must inflate in his originally allocated space, except by permission of the launchmaster, and must again obtain permission to take-off. 9.11.1*

**acknowledgement of entry**

A written message from the organiser of the Event stating that the organiser has received the ENTRY FORM sent by a pilot who wants to participate in the Event.

**act of omission**

An act of leaving out or undone either deliberately or through forgetfulness or neglect. See WAIVE.

**adequate**

Equal to or sufficient for a special requirement.

*Each balloon shall carry sufficient fuel to complete the task with an adequate reserve. 3.2*

**adequate time**

Enough time to accomplish the job.

*A competitor who is given permission to begin hot inflation 20 or more minutes before the end of the launch period is deemed to have adequate time, even if the launch period is curtailed for any reason. 9.7.2.*

**aerostat**

*An aircraft lighter than air. GS 2.2.2.*

**AGL**

Above ground level.

**air law**

Rules and regulations of the host country governing aviation activities.

*Infringements of air law which do not contravene the rules of the Event or provide competition advantage will not be penalised by the Director except in cases of damage, disturbance or reasonable complaint from persons not connected with the Event. 13.5.*

**airworthiness**

The condition of being suitable for flying, or airworthy.

**allocate**

To assign each his share.

*The launchmaster will allocate to each competitor a space in which to prepare and inflate his balloon. 9.3.1.*

**altimeter**

An instrument for measuring and indicating altitude.

**ambiguity**

The quality of having more than one possible meaning or interpretation.

*In case of ambiguity between more than one valid goal within 200 m of the co-ordinates, the goal achieving the least advantageous result will be placed upon a competitor's declaration. 12.1.3.*

**ambiguous goal declaration**

More than one valid goal within 200 m of the declared co-ordinates.

**amend**

To alter or change.

**amended information**

Information that has been changed in some way.

**amended rule**

A rule that has been changed in some way.

**amplify**

To add details to a statement, to explain in greater detail.

*An observer may not assist the competitor with advise at any time. He should not attempt, and is not qualified, to amplify, explain or interpret the rules to a competitor. 6.3.*

**appoint**

To assign.

**appointment of observers**

The act of assigning observers to pilots.

*At the task briefing an observer will be appointed to each pilot. An Observer will not be appointed to the same pilot more than once, and will not be of the same nationality as the pilot. 6.2.*

**assess**

To fix a value or amount of something; to estimate.

**assessed result**

A result, determined by officials, based on their assessment and evaluation of all available information, other than an actual measurement.

*If, at the end of the search period, the marker has not been found then it is considered lost. If the marker has earlier been seen on the ground by an official or observer, then the competitor will be given an assessed result based on the least advantageous interpretation of evidence available. 12.8.2.*

**at the discretion of somebody**

According to one's own choice or judgement.

**at the risk of the competitor**

A condition that the competitor bears the risk in case of damage or loss.

*The balloon and other property of a competitor shall be at the risk of the competitor at all times. 2.7.2*

**automatic flight controls**

Any device designed to control the flight altitude of a balloon without assistance of the flight crew.

**B****baggie**

Same as MARKER.

**balloon**

*An aerostat, supported statically in the air, with no means of propulsion by any power source.*

GS 2.2.1.1

**ballot**

A paper used in secret voting. A vote cast by this method.

*The decision (of the Jury) will be reached by secret ballot. GS 5.5.2*

**banner**

A piece of cloth.

**basket**

*The term "basket" includes any crew or passenger compartment regardless of its construction. 3.9*

**behaviour**

A person's actions.

*Competitors are required to fly with proper consideration for persons and livestock on the ground and to follow the <\* Code of Conduct \*>. Inconsiderate behaviour by competitors or crew members, or reckless flying, may be penalised by up to 1000 competition points. 10.2.1*

**blast valve**

A valve that controls the flow of liquid propane from a fuel cylinder to the vaporising coil of the main burner.

**briefing**

A meeting held by the Director for the purpose of giving instructions, and attended by competitors, officials and observers. See GENERAL BRIEFING and TASK BRIEFINGS.

**burner**

A device used for burning propane under the mouth of balloon envelope.

**buoyancy**

See POSITIVE BUOYANCY.

**C****champion**

*The title conferred upon (given to) the winner of a World, Regional or National Championship. GS*  
3.2.4

*The winning competitor shall be the competitor with the highest aggregate score at the end of the championship A 5.8.1*

**championship**

A competition in which the title of champion is determined.

**chief debriefer**

A competition official in charge of co-ordinating the work of DEBRIEFERS.

**chief measurer**

A competition official in charge of the MEASURING TEAM.

**chief meteorologist**

A competition official in charge of providing weather reports and forecasts.

**chief observer**

A competition official in charge of appointing and briefing observers.

**chief scorer**

A competition official in charge of scoring individual tasks and the Event.

**chief surveyor**

Same as CHIEF MEASURER.

**CIA**

Commission Internationale d'Aerostation or FAI Ballooning Commission. The FAI international air sport commission responsible for balloons, airships and dirigibles.

**clearing goal area**

*A competitor who has dropped his marker shall clear (fly away from the goal area) the vicinity of the goal as quickly as reasonably possible. 10.1.3*

**clearing launch area**

*Within three minutes of his basket first leaving the ground a competitor shall have passed over the boundary of the launch area or shall have climbed to 500 feet above ground level. 9.11.2*

**cold inflation**

Partially filling the balloon envelope with air without using the burner.

**collision**

Violent coming together of a moving object with another object, either moving or stationary.

*A competitor whose balloon is in collision with power or telephone wires or their supports, or any other structure (except fences, boundary walls and structures of a trivial nature) at any time between inflation and completion of final landing will be penalised up to 500 competition points. 10.3*

*A competitor is responsible for avoiding collision between the non-fabric parts of his balloon and the envelope of another balloon. When two balloons are converging in flight the pilot of the higher balloon shall give way, and shall climb if necessary to avoid collision. In case of collision, both competitors may be penalised, not necessarily by the same amount. 10.1.2*

**common launch point**

*A point in or near the launch area, physically marked on the ground before the beginning of the Event, from which all angles and distances are measured, irrespective of the take-off points of individual balloons. 9.1.2*

**competition director**

Usually same as EVENT DIRECTOR. However, at some competitions, these positions may be held by two different individuals.

**competition limitations for goals**

Any restrictions on goals selected by pilots. The restrictions are set by the Director.

**competition number**

A number that identifies a competitor and his balloon and vehicles.

**competition official**

Event Director and anyone who works for him in the competition.

**competition point penalties**

*Competition point penalties may result in a negative task score which will be set against his (competitor's) total in the Event. 13.6*

**competitor**

*A person entered and competing in a sporting Event. GS 3.2.2*

**complaint**

A formal expression of dissatisfaction, given to the Director by a competitor.

*A competitor who is still dissatisfied (after asking an official for explanation) may make a formal complaint to the Director. A formal complaint shall be in writing, and will receive a written reply. 5.2*

**comply**

To act in accordance with another's wishes, or with rules and regulations.

*Competitors and their crews are required ---- ---- to comply with the directions of Event officials. 2.8.3*

**contest area**

*An area defined by reference to the competition map, and published at the start of the Event. Tasks will not be set, and results will not be measured, outside this area. 7.1.1*

**contest landing**

*A competitor makes a contest landing when he retains any marker(s) not released during flight.*

*When a competitor makes a contest landing the final resting place of the basket after landing is used as a replacement mark for any retained marker.*

*No handling assistance may be received from anyone on the ground and no one of the flight crew may leave the basket before the basket has reached its final resting place and the envelope is substantially deflated.*

*In order to reduce damage or to reach a safe or more convenient point, ground handling of the balloon is permitted after the landing point has been marked by the appointed observer.*

*Any retained marker must be handed over to the appointed observer at the earliest opportunity.*

*Unless otherwise stated in the task data, a contest landing is not permitted within 200 meters of goals or targets. 11.3*

**contravene**

To conflict with (a rule); to infringe (a rule).

*Infringements of air law that do not contravene the rules of the Event ----. 13.5*

**controls of the balloon**

The primary controls of a balloon are blast valve and rip line.

*He (the observer) may not handle the marker or any of the controls of the balloon during a task. 6.3*

**convey**

To transport

*It is the duty of the pilot and crew to convey the observer to the launch area ---- ----. 6.5*

**co-ordinates**

Set of numbers specifying a position of a point on the map surface.

**co-pilot**

Member of the FLIGHT CREW

**cow burner**

Same as LIQUID FIRE BURNER

**crew**

People helping a competitor in the competition. He must have GROUND CREW and may have FLIGHT CREW.

**crew chief**

A person in charge of the GROUND CREW.

**crop**

Cultivated product while growing.

*---- ---- competitors and crews must not damage crops unless given permission by the landowner or person responsible for the crop. Penalty: up to 1000 competition points. 9.1.3*

**crown line**

A long rope attached to the CROWN RING and used to keep the ENVELOPE from rising too early during inflation.

**crown ring**

A metal ring on top of the balloon ENVELOPE. CROWN LINE and vertical LOAD TAPES are attached to it.

**curtail**

To cut short

*---- ---- even if the launch period is curtailed for any reason. 9.7.2.*

**D****damage**

Fabric that is torn or burned, or other parts of the balloon that are in serious need of repair.

*If a balloon is damaged during the Event, it may be repaired. Damaged components may be replaced or repaired, except that a complete envelope may be replaced only at the discretion of the Director.*

*Any damage to a balloon affecting its airworthiness must be reported to the Director before it is entered for a further task, and the balloon may only be flown after his approval of any repairs. Penalty: up to disqualification from the task. 3.5.*

**debriefer**

A competition official that processes scoring data between observers and scoring officers. He checks observer reports for accuracy and completeness and writes down fixed penalties.

**declaration time**

Time period for making goal declarations.

**deflation**

Making all air escape from the balloon envelope after landing.

**deem**

To consider as true without need of further proof.

---- ---- *by entering* (competitors) *are deemed to accept* (the rules) *without reservation*. GS 3.11.1

**deposit fee to accompany a protest**

A sum paid as a proof of the serious mind and good faith of the protesting competitor.

*Normally the deposited fee is returnable only if the protest is upheld, or is withdrawn prior to the hearing by the Jury*. GS 5.4.3

**director**

Same as EVENT DIRECTOR.

**disembarkation**

Leaving the basket.

*No person may enter or leave the basket between take-off and final landing (except as in 11.2)* 10.6

**dishonesty**

Deliberately (intentionally) deceiving or misleading observers, other officials or stewards.

*A competitor who deliberately attempts to deceive or mislead the observers, officials or stewards or who interferes with another competitor or his property, will be penalised up to 1000 competition points and disqualified from the task or from the Event*. 13.1

**disqualification**

A penalty given for misconduct or serious violation of the rules. A competitor disqualified from a task receives zero points in the task. A competitor disqualified from the competition is not allowed to enter further tasks and is not eligible to any prizes given in the Event.

**distance infringements**

*Where the inflation point, a goal selected by a competitor, a mark or a final landing infringes (is too close to or too far from) a DISTANCE LIMIT, the competitor will be penalised, except that where the penalty relates to landing too close to a goal, target or mark then it will be waived if the competitor can show that he was unable to comply within 15 minutes because of light wind*. 13.4

**distance limit**

Minimum and maximum distances that apply in the task.

**distance penalties**

See DISTANCE INFRINGEMENTS.

**documentation**

Official papers shown and used as evidence of meeting certain requirements.

**drop**

Same as MARKER RELEASE.

**dropping objects**

Either intentionally or unintentionally releasing an object or objects from the balloon and letting them fall to the ground.

*No object may be dropped from the balloon except for official markers, or small pieces of paper or similar lightweight materials for navigational purpose*. 10.1.4

**E****envelope**

The outer skin of a balloon, made of synthetic fabric sewn to horizontal and vertical LOAD TAPES.

**entrant**

*A person or NAC from whom a completed entry form for participation in a sporting event has been received*. GS 3.2.1

**entry form**

A document with blank spaces, supplied by the organiser. By completing and sending the form in time a pilot tells the organiser that he wants to be accepted as a competitor in the Event.

**entry for tasks**

*A pilot shall enter a task by answering his name at the roll call at the task briefing.* 8.4.1

**equipment malfunction**

An instance of competitor's apparatus being out of order and not working properly.

**event director**

*The Event Director shall be in overall operational charge of the Sporting Event* ---- ----. GS 4.3.5.1

*The Event Director is responsible for good management and the smooth and safe running of the Event.*  
GS 4.3.5.2

**extension of search time**

Additional time granted to a pilot, by the Director or official, to look for a lost marker.

---- ---- *the Director may grant an extension of this time limit (search period) if there is sufficient reason to believe that the marker(s) may be found.* 12.8.1

**extension of time for launch**

*A competitor may request an extension of time from the launchmaster. The launchmaster may grant an extension if he is satisfied that the competitor, although completely ready to take-off within the launch period, was delayed by the action of officials or other competitors or by other causes outside his control (equipment malfunction excluded).* 9.7.3.

**F****FAI**

Federation Aeronautique Internationale, a world organisation that occupies itself with air sports and space records. The FAI unites national organisations who exercise control of the air sports in their own countries and are members of the FAI.

**fan**

A powered propeller used for filling the balloon envelope with air during inflation.

**FL**

Flight level.

**flag signals**

Same as LAUNCH SIGNALS.

**flight crew**

Personnel performing a task in aircraft.

*Competitors may be required to perform a particular task solo. Otherwise a competitor is permitted to carry other crew during a task, and they may perform any duties he wishes to assign to them, except to act as pilot-in-command.* 10.4

**flight data**

*At task briefings the task data, preferably in writing, shall be handed out to competitors. They shall contain flight data related to all tasks and individual task data.*

*Flight data:*

- a. date, local sun rise/set (or civil twilight)
- b. PZ's in force
- c. launch area
- d. launch period
- e. search time and search stop time
- f. provisional time and place of next briefing
- g. observer (to follow on ground/pilots invitation)

*h. solo flight (if directed)*

8.3.3

**flying wires**

Steel wires that connect the lower part of the ENVELOPE to BURNER frame.

**fuel**

in case of ballooning same as PROPANE.

**fuel cylinder or fuel tank**

Containers used for carrying PROPANE in the BASKET, usually made of aluminium or stainless steel.

**fuel hose**

Wire reinforced rubber hose that feeds PROPANE from FUEL CYLINDER to BURNER.

## G

**general briefing**

*A General Briefing on the major aspects of the Event will be held before the Event starts.*

*Attendance is compulsory for pilots, observers and other officials.*

*The official competitor list will be compiled from the roll call taken at the General Briefing.* 8.3.1

**GMT**

Greenwich mean time.

**goal**

*A place defined by reference to the competition map, set by the Director or chosen by a competitor.* 12.1.1

**goal declaration, Pilot Declared Goal**

*Each competitor will declare his goal(s) by co-ordinates in writing and his declaration shall be deposited before declaration time at the place specified in the briefing data, clearly identified with his name and/or competition number.*

*A competitor who wishes to revise his declaration may deposit a further declaration, within the declaration time, provided that is clearly marked to distinguish it from any previous declarations(s)*

*Penalty for late declarations is 1200 task points per minute or part minute late.* 15.1

**goal identification**

*A competitor shall identify his goal by a set of 8 figure co-ordinates, first four digits west/east and second four digits south/north.*

*He may add descriptive details to distinguish between possible goals located close together near his co-ordinates.*

*In case of ambiguity between more than one valid goal within 200m of the co-ordinates, the goal achieving the least advantageous result will be placed upon a competitor's declaration.*

*In case that there is no valid goal shown on the map within 200m of the co-ordinates, the competitor will not achieve a result.* 12.1.3

**goal selected by a competitor**

*A goal selected by a competitor shall appear from the map to be easily accessible to vehicles on the ground and precisely identifiable for measurement. Unless otherwise allowed in the task data, the goal shall be the intersection of two roads, and measurements will be from < \* the intersection of the centrelines of the roads \* > < \* the centre of the largest circle that can be accommodated within the area of hard road surface at the intersection \* > In the event that the intersection shown as a crossroad on the map turns out to be a staggered tee-intersection, then the goal will be the midpoint between the points defined with above mentioned method.* 12.1.2

**GPS**

Global Positioning System; a navigation device based on receiving satellite transmissions.

**gravity marker drop**

*The completely UNFURLED MARKER shall be held by the unweighted tail and released. The marker shall be allowed to fall from the top edge of the basket. Gravity shall be the only means for the marker to drop. No horizontal motion shall be applied to the marker in relation to the basket. Penalty for violation of this rule is 250 task points. 12.5.1*

**ground**

Surface of the earth, including surface of water, snow and ice, or anything resting on or attached to it.

**ground contact 1**

*After passing over the boundary of the launch area or launch site, no part of the balloon or anything attached to it may make contact with the ground (or water surface or anything resting on or attached to the ground). Penalty 200 task points for each contact.*

*After the final marker has reached the ground, the penalty under this rule will not apply for ground contacts at points where the balloon might have landed without penalty. 11.4.1*

**ground contact 2**

*No ground contact by the basket may be made within 200 meters of goals or targets. Penalty for infringements of this rule is 500 task points.*

*Note: Competitors will not be penalised under both rules (1 and 2) for any single contact. 11.4.2*

**ground crew**

Personnel involved with balloon and retrieve but not flying themselves.

*Each competitor shall ensure that he has sufficient crew to operate his balloon and retrieve vehicle. He shall ensure that all those involved with his balloon are adequately briefed on safety. A competitor is responsible for all the actions of his crew during a competition. 10.5.1*

## H

**handling assistance**

Controlling or moving the balloon by the use of ropes, lines or other physical help by persons on the ground.  
*The use of handling assistance from persons on the ground is forbidden during flight. 10.7*

**hare balloon**

A non-competing balloon used in tasks Hare and Hound and Watership Down.

*Competitors will follow a hare balloon and attempt to drop a marker close to a target displayed by the hare no more than two meters upwind of the basket after landing;*

*The hare may display a banner hanging below his basket. No competitor shall display any banner hanging below the basket during this task. 15.6*

**hot inflation**

Meaning outside of competition: Heating the air in balloon envelope by using a burner.

Meaning in competition: Continuous running of a powered fan for filling balloon envelope, or heating the air in the balloon with burner.

## I

**identification of goal**

See GOAL IDENTIFICATION.

**inflation point**

The position of the burner at the start of HOT INFLATION.

**infringement**

Violation. Failure to conform with rules and regulations.

**interfere**

To take part in the concerns of others.

**interference with marker**

Any movement of the marker after it comes to rest on the ground; to move, obstruct a measurement of or hide a marker on the ground.

*No person other than an official or the appointed observer may touch or interfere with a marker on the ground. 12.7*

**invalid goal**

A goal that breaks at least one of the SAFETY LIMITATIONS or COMPETITION LIMITATIONS.

**J****jury**

A group of three or five individuals who judge the merits of formal appeals and protests of competitors.

**L****landing**

Bringing the balloon to rest on ground after flight.

**landing at will**

A landing, at an appropriate site chosen by the pilot, that is made after all markers have been dropped.

*A competitor may land at will when he has released all markers during flight.*

*When a competitor makes a landing at will, the landing point is the final resting place of the basket after landing.*

*In order to reduce damage or to reach a safe or more convenient point, ground handling of the balloon is permitted after the landing point has been marked by any observer.*

*Unless otherwise stated in the task data, a landing at will is not permitted within 200 meters of goals, or targets, or any mark. 11.2*

**landing point**

*---- ---- the landing point is the final resting place of the basket after landing. 11.2*

**landowner**

*In these rules the term "Landowner" means the person who is responsible for any crop or livestock on the land, not necessarily the legal owner of the land itself. 10.2.3*

**landowner's permission**

A verbal indication from the landowner that he has no objections to a balloon inflation or launching from his property, or for a vehicle to drive onto a property.

*Competitors must ensure permission has been obtained from the landowner or occupiers before driving onto, or launching from, any land which is enclosed or cultivated or apparently private or used for agricultural purposes.*

*The permission must be obtained in the presence of an official observer. Penalty for infringement is up to 250 task points. 9.1.3*

**late entry**

Entering a task after the roll call at the task briefing.

*A competitor may make a late entry at the signals point with a penalty of 50 task points up to five minutes before the start of the launch period, or 100 task points thereafter. Officials will not be available to give a personal briefing except for Air Traffic, safety matters and PZ's.*

*In tasks where competitors select their own launch areas, late entries shall be made at the Competition Centre. 8.4.2*

### **late vehicle**

*No VEHICLE may enter the launch area after the advance yellow warning flag has been raised except by permission of a launchmaster or other official. Penalty 100 task points. 9.9.2*

### **launch**

To cause a balloon to become airborne; the act of doing it.

### **launch area**

*One or more areas defined by the organiser and used when the task require all pilots to launch from a common area. A pilot taking off outside the prescribed launch area will not achieve a result in that task. 9.1*

### **launching order**

*Balloons may be allotted (given by lot) an order of priority for inflation, which will be rotated from one task to the next. Competitors may commence hot inflation according to the flag signal or when given individual permission by a launchmaster. 9.8*

### **launchmaster**

A competition official who regulates preparation, inflation and launching of balloons at a common launch area. There are several launchmasters and they wear distinctive vests or coats.

*The launchmaster will allocate to each competitor space in which to prepare and inflate his balloon. He has the authority to regulate the operation of all balloons and vehicles on the launch area 9.10.1*

### **launch period**

The time period, designated by the Director, during which pilots are allowed to launch their balloons to compete in a given task or tasks.

*No take-off may be made before the launch period, and any take-off made after the launch period, except under rule 9.7.3, will be subject to penalty of 200 task points per minute or part minute late. The yellow warning flag will be raised 5 or more minutes before the end of the launch period. 9.7.1*

### **launch point**

See COMMON LAUNCH POINT

### **launch signals**

The notification of various time periods related to inflation and launch. The signals may be visual (flags), or audible (horn or whistle) or a combination of both.

*Coloured flags shall have the following meanings when displayed at the signals point:*

<b>Red.</b>	<i>No take-off permitted. Any previous permission to take-off cancelled.</i>
<b>Green.</b>	<i>Permission to all balloons to begin hot inflation.</i>
<b>Blue.</b>	<i>Permission to 'blue' wave (odd numbered balloons) to begin not inflation.</i>
<b>White.</b>	<i>Permission to 'white' wave (even numbered balloons) to begin hot inflation.</i>
<b>Yellow.</b>	<i>Five minute warning.</i>
<b>Pink.</b>	<i>Supplementary or amended briefing information available.</i>
<b>Black.</b>	<i>Task cancelled.</i>
<b>Violet</b>	<i>Reserve: meaning as declared at task briefing.</i>

*An audible signal may be given to draw attention to changes of flag signals. 9.5*

### **launch sites**

*Individual launch fields selected by the competitors. The boundaries of the Launch Sites are a circle of 100 meter radius from the Inflation Point or the physical boundary of the field if closer.*

*Inflation Point: the position of the burner at the start of hot inflation. 9.1.1*

### **liability**

The quality or condition of being legally bound or responsible. Something that one is responsible for.

*By entering an Event a competitor assumes all liability for injury, loss or damage to third parties or their property caused by himself or his crew. 2.7.3*

**liquid fire burner**

A device that burns propane without vaporising it. The flame is long and yellow and the noise is not as loud as when the main burner is used. Used near LIVESTOCK. Same as COW BURNER.

**livestock**

Animals kept on a farm for breeding, dairy products, sale etc.

*Balloons shall not fly closer than 500 feet from livestock or buildings containing livestock ---- ----. Penalty: up to 1000 competition points. 10.2.1*

**load tapes**

A network of horizontal and vertical nylon or polyester webbing used in the construction of the balloon ENVELOPE.

**loss of control**

A balloon on the ground that is not stable and moves about despite the efforts of pilot and crew.

*A competitor losing control of his balloon shall deflate immediately or take appropriate action. A pilot taking off without permission, whether due to loss of control or any other reason, may be penalised up to 500 competition points. 9.10.2*

**lost marker**

*If, at the end of the search period, the marker has not been found then it is considered lost. If the marker has earlier been seen on the ground by an official or observer, then the competitor will be given an assessed result based on the least advantageous interpretation of evidence available. Otherwise the competitor's scoring position will be his final landing position. 12.8.2*

**M****mandatory**

Required without exception.

***Shall** and **Must** (in the rules) means the application is mandatory. Failure to comply will lead to penalty, disadvantageous interpretation or other disadvantages. 1.11*

**mark**

*The point on the ground vertically below the weighted part of the marker where it comes to rest after falling from the balloon. 12.6.1*

**marker**

Sometimes also called **baggie**.

*Markers supplied by the organisers will be used as a substitute for landing. The marker will be a streamer, made from coated nylon of less than 100 gr/sqm, 170 cm long, 10 cm wide and weighted with 70 grams of ballast. Competitors are responsible for collecting the necessary marker(s) before the task. The marker must not be modified in any way.*

*Penalty for modified or unauthorised markers is up to 250 task points.*

*All markers must be visible, in the basket, at take-off. The appointed observer may enquire of the pilot if the marker(s) cannot be seen. 12.4.1*

**marker order**

The sequence in which the various MARKERS on a given flight are to be dropped.

*The task data shall specify for each task the marker(s) to be used. If no competitive advantage is gained, the penalty for releasing the wrong marker is 25 points per task. 8.1.4*

**marker release**

*The marker may be thrown by hand, unless GRAVITY MARKER DROP is specified at the task briefing. 12.5*

**marker sequence**

Same as MARKER ORDER.

**modification**

Partial change.

**modification of rules**

*Competition rules for a particular (First Category) Event shall not conflict with the rules in the Sporting Code. They shall be approved in advance by the FAI Air Sport Commission concerned and must not be changed thereafter.* GS 3.9.1

*The task rules of Chapter 15 are defined as variable rules and changes to those may be made without authorisation.*

*Variations to task rules shall be notified individually to each competitor in writing.* 8.2

**MSL**

Mean sea level.

**multiple task**

*The Director may set more than one task to be performed on one flight. The tasks will be scored separately, with a winning score of 1000 points before penalties for each task. The combination of tasks should aim at the possibility of winning each task independently.*

*Unless otherwise specified, tasks in a multiple task flight shall be flown in the order indicated in the task data, penalty disqualification in the task.*

*Penalties related to the take-off will normally be applied in the first task. Penalties related to the landing will normally be applied in the last task. Other penalties should be applied in the task in which they are incurred unless this is impossible, in which case they will be divided equally over more than one or all tasks.*

*When a multiple task flight starts with a take-off from an individual launch field selected by a competitor, then the penalty for taking off outside the distance limits will be applied to each task of the multiple task flight.*

*Marker order. The task data shall specify for each task the marker(s) to be used. If no competitive advantage is gained, the penalty for releasing the wrong marker is 25 points per task.* 8.1.4

**N****NAC**

National Aero Club. **FAI** members that exercise airport control in their respective countries.

**navigator**

A crew member who plots the track of the balloon or directs its course.

**nomination of balloon**

Naming or identifying the balloon.

*Each competitor shall nominate the balloon he is to fly during the Event.* 3.3

**O****objectives of the championship**

The purpose and aims of the championship.

**observed mark**

*A MARK which has been measured by an official or observer.* 12.6.2

**observer**

A competition official assigned to a particular competitor for a given flight.

*An Observer is a competition official, responsible to the Chief Observer. His duties are primarily the impartial recording of particulars of positions, times, distances etc. achieved during a task. He also has the*

*duty to report any apparent infringement of these rules or of air law, and any case of inconsiderate behaviour towards landowners or the public by any competitor or crew member. 6.1*

**observer report sheet**

The form used by observers for recording and reporting the data needed for scoring the tasks for a given flight.

*The competitor must read and sign the observer's report sheet after completion of the flight. If the pilot disagrees with any information on the sheet, it should be noted at the time of signing. 6.7*

**obstruct**

To block from sight. To prevent something or make things difficult to it by placing an obstacle in its path.

**obstruction**

The object which obstructs. For example a balloon which blocks the launch of another balloon.

*Once his balloon is fully inflated a competitor may not unnecessarily remain in position where his balloon obstructs another. 9.9.2*

**official notice board**

A place where results, complaints and protests and answers to them is published, as well as other official information to competitors.

**optional**

Not compulsory, left to a person's discretion or choice.

*May* (in the rules) *means that the application is optional 1.11*

**out of bounds**

*The Director may define areas as out of bounds and a mark or contest landing in such areas will not be measured. 7.1*

## P

**parachute valve**

A device used for slowing down climb or initiating descent, as well as for DEFLATION. It consists of a big round valve opening at the envelope top and a parachute-like plug that closes the opening from below. The valve is operated by pulling a red rip line that runs down into the basket.

**passenger**

A person on board a balloon having no tasks or duties.

**penalty points**

*There are two kinds of points penalty: task points and competition points.*

*Task point penalties are subtracted from a competitor's task score without reducing it below zero.*

*Competition point penalties may result in a negative task score which will be set against his total in the Event. 3.6*

**permission to retrieve**

*Competitors must ensure that permission has been obtained from the landowner or occupier before driving onto any land which is enclosed or cultivated or apparently private or used for agricultural purpose.*

*Penalty up to 250 task points. 11.5*

**pibal**

Pilot balloon; small balloons filled with helium or hydrogen and used for reading the direction and speed of wind.

**pilot in command**

A person responsible for operating an aircraft.

**points**

Plus points between 1 and 1000 given to a competitor according to his performance in task and calculated using POINTS FORMULAS.

**points formulas**

*Each competitor will then be awarded a number of points according to his performance. The formula to be used will depend on the competitor's place in the ranking order for the Task.*

*The best result will be awarded 1000 points before points penalties.*

*The superior half of the results will receive a score between 1000 and approximately 500 points, based on Formula One as follows:  $Points = 1000 - (1000 - SM) / (RM - W) \times (R - W)$ .*

*The inferior half of the results will receive a score between 0 and approximately 500 points according to their relative position in the ranking order, using Formula Two as follows:  $Points = 1000 \times (P + 1 - L)$ .*

*P = number of competitors entered in the Event*

*M = P/2 rounded to the next higher number (Median Rank)*

*R = competitor's result (meters, etc.) in the superior half*

*RM = result achieved by the median ranking competitor.*

*L = competitor's rank*

*W = the winning result in the task*

*SM = points score of the median ranking pilot using Formula Two.*

*In the event that fewer than half the competitors achieve a result in the task, the following changes in definition will apply:*

*RM = lowest ranking result in Group A*

*SM = points score of the lowest ranking competitor in Group A using Formula Two.*

*Points scores will be calculated to the nearest whole number, .5 being rounded upwards.*

*Competitors whose results are separated by less than the accuracy of the measurement method employed may, at the Director's discretion, be judged to have tied and will share an equal position in the ranking for the task. They will share equally between them the points which they would have received had they not been so tied. 4.2 - 14.6*

**positive buoyancy**

*A balloon has positive buoyancy when it is hot enough to leave ground immediately at command "Hands off"!*

*When a competitor is completely ready for take-off, and has positive buoyancy, he should wave a white flag to indicate his readiness to the launchmaster. 9.9.1*

**preparation of balloons**

*Making the balloon ready for inflation.*

*The launchmaster will allocate to each competitor a space in which to prepare and inflate his balloon. He has the authority to regulate the operation of all balloons and vehicles on the launch area. 9.3.1*

**prevail**

*To have higher and stronger status.*

**procedure**

*The way of doing something.*

**prohibited zones**

*The Director may define airspace or areas as prohibited for competition purposes. The boundaries and, if applicable, the upper limit in feet AGL or MSL, shall be published in writing for each PZ.*

*Circular PZ's shall be defined by the centre point map reference and radius in meters. PZ's with natural boundaries shall be defined by marked copies of the competition map to each pilot individually.*

*There are two classifications for PZ's: a **Red PZ** is restricted airspace and will include an altitude limit. A **Yellow PZ** is a restricted area where no take-off or landing is permitted. 7.2.1*

**propane**

*Gaseous hydrocarbon, carried in hot air balloons under pressure as a liquid; preferred fuel for balloons.*

**protest**

*A strong expression of disapproval made in writing by a competitor and addressed to the jury.*

*When dissatisfied with a penalty or the decision on a complaint made during the Event a competitor or a team has the right of protest. GS 5.4.2*

*If dissatisfied with the Director's reply, a competitor has the right to make a protest to the Jury. He shall, within one hour of the reply to his complaint, declare his intention to protest. 5.5*

**provisional**

Provided for present need; temporary.

**provisional goal declaration, Fly On**

*As a precaution, in case the previous marker should be lost, the competitor may personally write a provisional goal on the observer's sheet. He will be scored to this goal if the previous marker is lost, or if the goal on the recovered marker is not legible. If the marker is found with a legible goal then the declaration has no effect. The competitor may make or revise this provisional declaration at any time up to the release of the previous marker. A verbal declaration of a goal to the observer is of no effect and will not be recorded. 15.5.4*

**public address**

Announcements directed to the spectators.

*Any information given over the public address system is of no effect for competition purposes. 9.6*

**publication of scores**

*The results of each task shall be published with the minimum of delay at a place to be notified to the competitors at the general briefing on the opening day of the Event.*

*All result sheets shall be marked with at least the following information:*

*Event name, task date, task sequence number, task name and rule and official publication time.*

*If more than one result sheet version is published for a particular task, the changes from the previous issue shall be marked and the different versions shall be numbered in sequence.*

*The fixed data used in the scoring formulas according to rule 14.3 (P, M, RM, W and SM) should be printed and penalties given should be followed by a rule reference and a brief description. 14.1.1*

**PZ infringement**

*A competitor flying, taking-off or landing within a PZ in force will be penalised by 500 to 1000 competition points, proportionally to the offence. 7.2.1*

**PZs in force**

*At each task briefing PZs will be published as in force or not in force for competition purposes in that task. This does not necessarily describe their operational activity or status for other aviation purposes. 7.2.2*

**Q****QFE**

Actual air pressure at ground level at the point of observation.

**QNH**

Air pressure at mean sea level.

**qualification**

A requirement which has to be met.

**quick-release**

A device used for setting the balloon instantly free from RESTRAINT ROPE at take-off.

**quorum**

A number of people, fixed by rule, that must be present to make valid the proceedings of a committee, society, court, jury etc.

*A quorum for a Nominated Jury is three including its President. GS 4.3.2.6.2*

# R

## ranking order

Competitors will be ranked in order of performance according to the rules for each task, after adjustment for any time or distance penalties. Competitors will be ranked in the following groups for each task:

**Group A** Competitors whose results have been measured, or assessed under the rule for lost markers.

**Group B** Competitors flying the task, but not achieving a result sharing equally the remaining points available. All will be scored using formula two below.

**Group C** Competitors not making a valid launch or disqualified in the task, all scoring zero points. After calculating the points score with the applicable formula, any penalty points will be subtracted to obtain the competitors final task score. The competitors final task scores will be ranked again, before being published. 14.1.2

## rate of climb

The speed at which a balloon ascends

A competitor shall not initiate or maintain a fast climb unless he is certain that no higher balloon is in his ascent path. 10.1.1

## readiness for take-off

When a competitor is completely ready for take-off, and has POSITIVE BUOYANCY, he should wave a white flag to indicate his readiness to the launchmaster. The the launchmaster has acknowledged this signal, the competitor should leave the flag displayed on the edge of the basket and await further instructions while maintaining his readiness to take-off. The launchmaster will, as far as possible, launch balloons in the order of signalling their readiness. Competitors should equip themselves with a suitable white flag about 50 cm square for this purpose. 9.9.1

## recall procedure

Any pre-arranged way to cancel a task in case it is necessary due to weather getting worse during the flight.

## recommended

**Should** (in the rules) means that the application is **recommended**. Failure to comply may lead to penalties, disadvantageous interpretation or other disadvantages. 1.11

## refuelling

Filling the fuel cylinders with propane after or before a flight.

## regulations

Same as RULES.

## responsibility

The state or quality of being in control and having to answer for something.

## responsible

To be placed in control and having to be answerable.

A competitor remains completely responsible for the safe operation of his balloon at all stages of inflation, launch, flight and landing. 2.8.2

## restraint harness

A device that keeps the balloon under control during inflation by preventing premature take-off and drifting on the ground. It may consist of RESTRAINT ROPE, QUICK RELEASE and V-BRIDLE.

## restraint rope

A rope that connects the balloon to a vehicle or some stationary anchor point, used as a RESTRAINT HARNESS or part of it.

## result

A competitors performance in a task, measured in units of distance, angle or time.

**retain**

To keep in one's possession or control.

*Any retained marker must be handed over to the appointed observer at the earliest opportunity (after contest landing). 11.3*

**retrieve**

To follow a flying balloon, find it after landing and bring it back. The crew that does it.

**right of way**

First claim to airspace.

*A competitor is responsible for avoiding collision between the non-fabric parts of his balloon and the envelope of another balloon. When two balloons are converging in flight the pilot of the higher balloon shall give way, and shall climb if necessary to avoid collision. In case of collision, both competitors may be penalised, not necessarily by the same amount. 10.1.2*

**right to be informed**

*A competitor may not be penalised under any rule if he has already been penalised under the same rule in a previous task, but has not been informed of the fact before the beginning of the task in question, except for follow-on tasks in the same flight. 13.3*

**rip line**

A red line that runs down to the basket. Pulling rip line opens the PARACHUTE VALVE.

**risk**

The possibility of damage, danger, injury or loss.

**roll call**

The act of calling out names from a list in order to find out those present.

**rotation vents**

Optional vents that permit intentional rotation of the balloon around its vertical axis. They are located in pairs diametrically opposed on the envelope equator.

**rules**

*Competition rules for a particular (First Category) Event shall not conflict with the rules in the Sporting Code. They shall be approved in advance by the FAI Air Sport Commission concerned and must not be changed thereafter. GS 3.9.1*

**S****sanction**

Explicit permission given by someone in authority.

**safety limitations for goals**

*A. No goal shall be within a built-up area, or on certain roads as specified by the Director.*

*B. No goal shall be within 200 meters of a Red PZ, motorway, or any road designated by the Director to be of motorway status, or a power line shown on the competition map.*

*Competitors violating this rule will not achieve result. 12.2.1*

**safety officer**

An assistant and advisor to the Event Director in safety matters.

*The safety officer is appointed by the Event Director. He will work independent of the sponsors and will report to the CIA any incidents or accidents occurring during the Event. 4.4*

**scoop**

An optional device under the envelope MOUTH resembling a tapered sail, usually made of fire-resistant Nomex fabric. It aids inflation and protects burner flame from wind gusts.

**score**

POINTS minus PENALTY POINTS, if any. To achieve a RESULT in a task.

**scoring area**

*An area(s), defined by the Director in the task data within which a valid mark can be achieved. Unless otherwise stated in the task data the boundary of a scoring area will be the inner side of the attribute defining the area (e.g.: inner side of metallised surface, inner track of railways, inner bank of river etc.). Results cannot be achieved outside the area(s). 12.10*

**scoring distance**

The distance measured in order to determine a competitor's performance in a task.

**scoring officer**

A competition official that calculates POINTS and SCORES and determines the RANKING ORDER of the competitors.

**scoring period**

*The time limits, defined by the Director in the task data, within which a goal, target or scoring area is valid. A competitor will only score if his marker is found or seen falling to the ground within the set time limits by scoring officials or an observer. A scoring period may be linked to a scoring area(s). Results cannot be achieved outside these time limits. 12.9*

**scoring position**

A point on map or ground used in order to determine a competitor's performance in a task.

**search**

To go and look over an area in order to find the marker dropped by a competitor. The act of doing it.

**search period**

The competition rules may define search period in either of the two alternative ways, designated here with A and B:

*A: The maximum time allowed for searching for a marker is governed by a search period and a search stop time published with the task data.*

*All time spent by the observer out of the retrieve vehicle trying to find the marker counts as search time. The observer will start to search or will stop searching and return to the vehicle, when requested by the pilot or crew. The time can be divided into more than one period provided its total does not exceed the search period.*

*Searching ends when the search period has been used, or at the search stop time, whichever is first, except that a competitor is allowed a total search time of 10 minutes per marker even if the stop time is passed, provided he has proceeded to the marker drop area without undue delay. Searches after the search stop time must be in one continuous period, and cannot be subdivided.*

*The choice between searching for the marker, or first recovering the pilot rests with the competitor or his crew.*

*B: Pilots have <\* hours \*> from the actual start of the launch period in which to find their marker(s). A marker is considered lost if it is not found and returned to the appointed observer within this time limit, except that the Director may grant an extension of this time limit if there is sufficient reason to believe that the marker(s) may be found.*

*The choice between searching for the marker or first recovering the pilot rests with the competitor or his crew. 12.8.1*

**search stop time**

See SEARCH PERIOD A

**signals point**

*One or more points at the launch area at which flag signals are displayed and competitor's task declarations, late entries and supplementary briefings take place. Competitors are responsible for keeping observation on the signals point, and its obscuring shall not be ground for complaint. 9.9*

**skirt**

An optional fabric cylinder under the envelope MOUTH, usually made of fire-resistant Nomex. It aids inflation and protects burner flame from wind gusts.

**Sporting Code**

A series of regulations consisting of the General Section, which includes all the common rules, and the specific sections which contain the rules governing each aeronautical sport and astronautical activity of interest to FAI. Sporting Code Section 1, Aerostats, covers balloons and airships.

**Sporting Licence**

An FAI licence of a standard type issued by an FAI member to individuals permitting them to compete in national or international sporting Events and to undertake record attempt.

*The holder shall sign his sporting licence. In doing so he acknowledges that he knows and understands the FAI Sporting Code and commits himself to abide by it.* GS 8.1.2

*A competitor who has been disqualified shall surrender his Sporting Licence for the period of the disqualification.* GS 5.3.1

*He shall not be able to claim back any part of his entry fee and will not be eligible for any prizes awarded during the Event. Any delay in the surrender of the Sporting Licence shall be added to the period of surrender.* GS 5.3.3

**sportsman**

A person who behaves generously in victory and defeat. A person who practices a sport.

**sportsmanlike**

Showing the moral qualities of a good SPORTSMAN.

*Competitors and their crews are required to behave in a sportsmanlike manner -- --.* 2.8.3

**steward**

An advisor to the Event Director,

**suitable**

Meeting the requirements of a situation, purpose etc.

*He (the competitor) must ensure that his equipment, his crew and his own level of skill and experience are suitable for the conditions in his own judgement.* 2.8.2

**supplementary**

Additional.

**supplementary briefing**

*If it should be necessary to publish additional or revised information to competitors at the launch field, a pink flag will be raised at the signals point. The competitor should attend in person or send a responsible crew member to the signals point. The information will be given verbally and a written copy may be displayed. All competitors will be deemed to have proper notice of the information. Alternatively an official may circulate a written notice to each balloon and obtain the signature of the competitor or crew member.* 8.3.4

**T****take-off**

*The point and/or time at which all parts of an aircraft or its crew cease to be in contact with, or connected to the ground or water.* GS 2.3.8.2

**take-off permission**

*The launchmaster will give each competitor permission to take-off with the words "Number ... clear to take-off." The competitor may then take-off at will, subject to any instructions from the launchmaster at the time. This permission does not relieve the competitor of complete responsibility for his take-off. including adequate lift to clear obstacles and other balloons, and to continue safely in flight.*

*If the balloon does not take-off within 30 seconds, permission to take-off may be cancelled by the launchmaster.* 9.10.1

**target**

*A prominent banner (normally an 'X') displayed in the vicinity of a goal. Where a target is displayed, direct measurements are made from the target, not from the goal. A competitor reaching a goal where an expected target is not displayed should aim for the goal. 12.3*

**task**

Different tasks are defined in Chapter 15 of the rules. Used for ranking the competitors.

**task briefings**

*Task briefings will be called by the Director at times published on the official notice board. At the briefing the following information will be given verbally, by written circular or by posted notices.*

- a. Arrangements for observers*
- b. Meteorological information*
- c. Air traffic and safety information*
- d. Time check*
- e. Task data*

*Where written information is supplied, five minutes study time will be allowed before briefing proceeds.*

8.3.2

**task data**

*At task briefings the task data, preferably in writing, shall be handed out to competitors. They shall contain flight data related to all tasks and individual task data.*

*Flight data:*

- a. date, local sun set/rise (or civil twilight)*
- b. PZ's in force*
- c. launch area*
- d. launch period*
- e. search time and search stop time*
- f. provisional time and place of next briefing*
- g. observer (to follow on ground/pilots invitation)*
- h. solo flight (if directed)*

*Individual task data:*

- a. Marker(s) to be used*
- b. Task/Marker order (if other than normal)*
- c. Dropping method (if gravity drop directed)*
- d. scoring period (if set)*
- e. scoring area (if set)*
- f. task data as per task rule*

8.3.3

**task declaration**

Same as GOAL DECLARATION.

**task point penalties**

*Task point penalties are subtracted from a competitor's task score without reducing it below zero. 13.6*

**task program**

*The Event will consist of a series of tasks. The number and frequency of the tasks and rest periods are at the discretion of the Director. At the first task briefing on the day before the last planned flying day the director shall publish the remaining flying programme. 8.1.1*

**task rules**

Given in Chapter 15.

*The task rules of Chapter 15 are defined as variable rules and changes to those may be made without authorisation. 8.2*

**task score**

POINTS gained in a particular task minus PENALTY POINTS, if any.

**task selection**

*The Director shall select tasks from those described in Chapter 15. Particular tasks may be set more than once or not at all.* 8.1.3

**thrown marker**

*The marker must be completely UNFURLED when thrown. The tail may be loosely collected in the hand of the person throwing the marker. No mechanism may be used to propel the marker. The person throwing the marker must stand on the floor of the basket. Penalty for violation of this rule is 250 task points.* 12.5.2

**total tied scores**

*Where two competitors have equal total scores in the Event, the competitor with the smaller difference between his best and worst scores will be ranked higher.* 14.7

**U****unfurled marker**

Competitors get their markers in furled state, which means that the tail is rolled around the weighted bag. Unfurling is done by hanging the marker from the unweighted end for a second. After unfurling the marker is not rolled any more.

**unspecified penalties**

*A competitor infringing any rule for which the penalty is not specified may have a penalty (distance, angle or time) applied to his result, a deduction of points, or disqualification from the task.*

*Where no competitive advantage has been gained he will normally receive a warning in the first instance.* 13.2

**uprights**

Rods that support the burner above the basket.

**UTC**

Universal time co-ordinated; same as GMT.

**V****valid**

Sound, operative, OK.

**valid goal**

A goal that does not break any of the SAFETY LIMITATIONS or COMPETITION LIMITATIONS.

**valid mark**

MARK achieved in CONTEST AREA, inside of SCORING AREA, if any, within SCORING PERIOD, if any, and not in areas OUT OF BOUNDS.

**valid task**

*A valid task is defined as one in which all entered competitors were given a fair opportunity to make a proper start, unless they had withdrawn or had been disqualified.* A 5.9.1

**variable rules**

*The task rules of Chapter 15 are defined as variable rules and changes to those may be made without authorisation.*

*Variations to task rules shall be notified individually to each competitor in writing.* 8.2

**variometer**

An instrument that measures and indicates the speed of climb and descent of an aircraft.

**V-bridle**

A device in the form of a letter V, used for dividing the strain from RESTRAINT ROPE between two sets of FLYING WIRES. Used in RESTRAINT HARNESS.

**vehicle**

Any kind of invention, on wheels or runners, used to carry people or goods from one place to another over land. The most common vehicles used in ballooning are vans, trucks and cars and trailers.

**velcro**

Trade name for fabric created with hooked surface to adhere to other fabrics. Used in balloon ENVELOPES.

**vents**

Various devices used for releasing air from a balloon envelope. See PARACHUTE VALVE and ROTATION VENTS.

**W****waive**

To agree to give up (a claim, right or privilege).

*By entering the Event, a competitor waives any right of action against the organiser, the owner of any site and their respective members, employees or personnel for any loss or damage sustained by him in consequence of any act or omission on their part, or on the part of other competitors. 2.7.1*

**waiver**

The act of waiving or giving up some established claim, right or privilege. A document, or clause in an agreement, making this effective.