FAI

FAI Sporting Code

Fédération Aéronautique Internationale

Section 7 – Class O
Guidelines and Templates
Hang Gliders and Paragliders
Classes 1 to 5

2017 Edition Effective 1st May 2017

Maison du Sport International Av. de Rhodanie 54 CH-1007 Lausanne Switzerland Tel. +41 (0)21 345 10 70 Fax +41 (0)21 345 10 77 E-mail: info@fai.org Web: www.fai.org

FEDERATION AERONAUTIQUE INTERNATIONALE MSI - Avenue de Rhodanie 54 — CH-1007 Lausanne — Switzerland

Copyright 2017

All rights reserved. Copyright in this document is owned by the Fédération Aéronautique Internationale (FAI). Any person acting on behalf of the FAI or one of its Members is hereby authorised to copy, print, and distribute this document, subject to the following conditions:

- 1. The document may be used for information only and may not be exploited for commercial purposes.
- 2. Any copy of this document or portion thereof must include this copyright notice.
- 3. Regulations applicable to air law, air traffic and control in the respective countries are reserved in any event. They must be observed and, where applicable, take precedence over any sport regulations

Note that any product, process or technology described in the document may be the subject of other Intellectual Property rights reserved by the Fédération Aéronautique Internationale or other entities and is not licensed hereunder.

RIGHTS TO FAI INTERNATIONAL SPORTING EVENTS

All international sporting events organised wholly or partly under the rules of the Fédération Aéronautique Internationale (FAI) Sporting Code¹ are termed *FAI International Sporting Events*². Under the FAI Statutes³, FAI owns and controls all rights relating to FAI International Sporting Events. FAI Members⁴ shall, within their national territories⁵, enforce FAI ownership of FAI International Sporting Events and require them to be registered in the FAI Sporting Calendar⁶.

An event organiser who wishes to exploit rights to any commercial activity at such events shall seek prior agreement with FAI. The rights owned by FAI which may, by agreement, be transferred to event organisers include, but are not limited to advertising at or for FAI events, use of the event name or logo for merchandising purposes and use of any sound, image, program and/or data, whether recorded electronically or otherwise or transmitted in real time. This includes specifically all rights to the use of any material, electronic or other, including software, that forms part of any method or system for judging, scoring, performance evaluation or information utilised in any FAI International Sporting Event⁷.

Each FAI Air Sport Commission⁸ may negotiate agreements, with FAI Members or other entities authorised by the appropriate FAI Member, for the transfer of all or parts of the rights to any FAI International Sporting Event (except World Air Games events⁹) in the discipline¹⁰, for which it is responsible¹¹ or waive the rights. Any such agreement or waiver, after approval by the appropriate Air Sport Commission President, shall be signed by FAI Officers¹².

Any person or legal entity that accepts responsibility for organising an FAI Sporting Event, whether or not by written agreement, in doing so also accepts the proprietary rights of FAI as stated above. Where no transfer of rights has been agreed in writing, FAI shall retain all rights to the event. Regardless of any agreement or transfer of rights, FAI shall have, free of charge for its own archival and/or promotional use, full access to any sound and/or visual images of any FAI Sporting Event. The FAI also reserves the right to arrange at its own expense for any and all parts of any event to be recorded.

 1
 FAI Statutes,
 Chapter 1,
 para 1.6

 2
 FAI Sporting Code, Gen. Section,
 Chapter 4,
 para 4.1.2

 3
 FAI Statutes,
 Chapter 1,
 para 1.8.1

 4
 FAI Statutes,
 Chapter 2,
 para 2.1.1; 2.4.2; 2.5.2 and 2.7.2

 5
 FAI By-Laws,
 Chapter 1,
 para 1.2.1

 6
 FAI Statutes,
 Chapter 2,
 para 2.4.2.2.5

 7
 FAI By-Laws,
 Chapter 1,
 paras 1.2.2 to 1.2.5

 8
 FAI Statutes,
 Chapter 5,
 paras 5.1.1, 5.2, 5.2.3 and 5.2.3.3

 9
 FAI Sporting Code, Gen. Section,
 Chapter 4,
 para 2.2.

 10
 FAI Sporting Code, Gen. Section,
 Chapter 2,
 para 2.2.

 11
 FAI Statutes,
 Chapter 5,
 para 5.2.3.3.7

 12
 FAI Statutes,
 Chapter 6,
 para 6.1.2.1.3

3

Editors Note:

The FAI Sporting Code for Hang Gliding (hang gliders and paragliders) consists of the General Section and Section 7 combined. In cases of doubt, consult the General Section to establish the principles before applying the specific rules which appear in this Section 7.

Hang gliding (hang gliding and paragliding) is a sport in which both men and women participate. Throughout this document the words 'he', 'him' or 'his' are intended to apply equally to either sex unless it is specifically stated otherwise.

Table of Contents

1	GENERAL	GENERAL SAFETY BRIEFING					
	1.1 Gen	General					
	1.2 Safe	ty Meeting Topics	7				
	1.2.1	Equipment	7				
	1.2.1.1	Gliders	7				
	1.2.1.2	Harnesses	7				
	1.2.1.3	Parachutes	7				
	1.2.1.4	GPS units	7				
	1.2.2	Communications	7				
	1.2.2.1	Numbers & Frequencies	7				
	1.2.2.2	Rescue Procedures	7				
	1.2.2.3	Procedures for pilots observing an accident	7				
	1.2.3	Site Requirements and Conditions	8				
	1.2.3.1	Physical Aspects	8				
	1.2.3.2	Launch Procedures	8				
	1.2.3.3	Conditions	8				
	1.3 Pers	onal Health Matters	8				
	1.3.1	Rest and Nutrition	8				
	1.3.2	Hydration	8				
	1.4 Airs	pace and Other Hazards	8				
2	ASSISTAN	ICE TO A PILOT IN DANGER	9				
	2.1 Reso	cue Actions in Competition	9				
	2.1.1	The Objective:	9				
	2.1.2	Organisation Duties:	9				
	2.1.3	Obligations of the Injured Pilot	9				
	2.1.4	Obligations of Pilots Witnessing an Accident	9				
	2.1.5	Waiting for the Organisation Decision and then					
	2.1.6	If Radio Contact with the Organisation is Impossible					
	2.1.7	Further Information to give to Organisation on Reaching the Injured Pilot					
	2.1.8	Protect & Rescue the Injured Pilot					
	2.1.9	Once Discovered					
3		LLING RULES AND TECHNIQUES					
	-	ressiveness					
		ring a thermal					
	3.2.1 3.2.2	First rule					
	3.4.4	JECUITA FAIE					

FAI Sporting Code, Section 7 Guidelines and Templates - 1st May 2017

	3.3	Multiple Cores	12
	3.4	General Rules	13
4	NO	TES ON AIRSPACE DEFINITION FOR PILOTS AND ORGANISERS	14
5	NO	TES ON GAP	17
6	PAI	RTICIPANT INCIDENT POLICY	18
	6.1	Policy	18
	6.2	Procedure	18
	6.3	Lesser Offences	18
	6.4	Serious Offences	18
	6.4	.1 Punishment	18
7	PRE	EPARING A PROTEST	20
	7.1	Hierarchy of Rules	20
	7.2	Procedure	20
	7.3	Jury Action	21
8	LO	CAL REGULATIONS FOR CROSS COUNTRY EVENTS (Template)	22
9	LO	CAL REGULATIONS FOR AEROBATIC EVENTS (Template)	29
10) L	OCAL REGULATIONS FOR PARAGLIDING ACCURACY EVENTS (Template)	33
11	L E	NTRY FORM (Template)	38
12	2 \	NAIVER FORM (Template)	40
13	3 F	PARAGLIDER PILOT XC EXPERIENCE DECLARATION (Template)	41
14	1 (CERTIFIED GLIDER STATEMENT – XC HANG GLIDERS (Template)	43
15	5 (CERTIFIED GLIDER STATEMENT – XC PARAGLIDERS (Template)	44
16	5 (CERTIFIED GLIDER STATEMENT – AEROBATIC PARAGLIDERS (Template)	45
17	7 (CERTIFIED GLIDER STATEMENT – ACCURACY PARAGLIDERS (Template)	46

1 GENERAL SAFETY BRIEFING

1.1 General

A safety meeting attended by all pilots is required. Only by presenting the safety matters relating to the specific site and conditions can there be reasonable assurance that all pilots will have access to the important local safety information. It is mandatory for all pilots to attend such a meeting.

The meeting could be scheduled at two different times before the competition starts, to allow some flexibility in individual schedules. In exceptional circumstances, the Safety Director may brief a pilot individually, providing it is before the opening of the first task window.

1.2 Safety Meeting Topics

The following outline consists of items that should be covered in a safety meeting. The potential topics are not limited to this list and should be tailored to the site, the discipline and the conditions involved.

1.2.1 Equipment

1.2.1.1 Gliders

Present a discussion of gliders appropriate for the site and conditions. If, for example landing fields are few and far between or a long way out from the mountain, pilots flying gliders with lesser performance may be cautioned to leave the mountain before getting below a given point. Any type of disallowed gliders for safety reasons should be announced.

Remind pilots to preflight their gliders carefully and inspect them for overall integrity before the meet begins. Remind pilots that shipping damage is common enough and sometimes hidden.

1.2.1.2 Harnesses

Remind pilots to inspect their harnesses and parachute attachment. Review the ballast rules and possibly suggest ballast limits if the site presents a challenging take-off.

1.2.1.3 Parachutes

Pilots should be reminded to inspect their parachutes and informed of any parachute repacking services available. A review of the parachute emergencies should be presented. The dangers of landing under canopy should be reviewed followed by the procedures once the pilot has landed.

1.2.1.4 GPS units

Pilots should be reminded and walked through the procedures for setting their GPS units to the proper meet settings (map coordinate system, coordinate decimal placement, time, etc.)

1.2.2 Communications

1.2.2.1 Numbers & Frequencies

Pilots should be given the cell phone numbers and radio frequencies for reporting emergencies as well as retrieve and reporting in that they are safe.

1.2.2.2 Rescue Procedures

Review the necessity for a downed pilot to move or bundle up his or her glider immediately if they are uninjured. Pilots should be informed what to do as a victim in the case that they can communicate. A safety card with the meet numbers and what a rescuer should do must be given to all pilots and must be in his or her possession during flight. It should be written in the local language.

1.2.2.3 Procedures for pilots observing an accident.

These should be presented; review the Section 7 rules concerning aiding an injured pilot and inform pilots of the policy on awarding points. Discuss the desirability of remaining aloft above an injured pilot to aid communication and guide ground vehicles, with consideration to the possible arrival of a helicopter.

1.2.3 Site Requirements and Conditions

Most of the above matters are fairly uniform from meet to meet. The real things that can change at different venues are the nature of the terrain and weather factors as presented below. The most important topic at some sites will be the weather factors.

1.2.3.1 Physical Aspects

Review any particular matters that present challenges or greater risks due to the nature of the site. These may be (but are not limited to) the presence of water, antennas, power lines, cable cars, microwave towers, known turbulent areas, regions with few or hilly landing areas, regions with venturi effects (high winds).

1.2.3.2 Launch Procedures

If launches present a particular challenge (flat, or treacherous in a crosswind, etc.) discuss the limits of safe launching. Review the Launch Director's signal to allow launch and the intended method to avoid too much crowding above launch (such as stopping launches or a mandatory clearing of launch by pilots in the air).

1.2.3.3 Conditions

Certain areas are notorious for changing conditions and such expected changes should be reviewed to inform pilots what to expect, what the general timing is and how to best handle the conditions. The general daily variation of conditions should be presented so pilots can be prepared. A short discussion of the necessity to launch earlier rather than later can perhaps reduce last minute scrambling (and thus reduced safety) to get off within the launch window.

1.3 Personal Health Matters

Since 1st Category events typically run over consecutive days for a week or more, many pilots will be flying longer than they are used to. Thus they may run out of energy somewhere in the middle of the meet. When accumulated fatigue sets in, pilots have poorer judgment and may make random errors. Safety is greatly compromised in this case.

1.3.1 Rest and Nutrition

Although it may be futile, it is our duty as organisers to remind pilots to get ample sleep each night. Furthermore, proper nutrition goes a long way towards maintaining energy levels.

1.3.2 Hydration

Finally, one of the biggest factors in aviation accidents is dehydration. Pilots must be reminded to drink adequate liquids throughout the morning of the flight, just before the flight and during the flight. Also hydration after the flight is critical. Mention the dehydrating effects of all alcoholic drinks, and coffee or tea as well as sodas containing caffeine. Meet organisers are advised to have adequate water available at launch for pilots as well as staff. Naturally, desert areas require double attention to these important matters.

1.4 Airspace and Other Hazards

Pilots should be presented with a map clearly delineating the prohibited airspace (including the pertinent altitudes) and other areas that must be avoided (such as congested areas or irate landowners). Non-landable areas due to landowner hostility or lack of adequate fields should be presented.

2 ASSISTANCE TO A PILOT IN DANGER

All pilots must pack their gliders immediately after landing: a glider lying open on the ground means 'I need help!' A pilot witnessing any kind of accident must try to inform the Competition Organiser as soon as possible using the safety radio frequency.

It is recommended that all pilots have first aid qualifications.

Calling procedure: 'MAYDAY, MAYDAY, MAYDAY'. Give details of:

- Nature and location of the accident.
- Position of the victim.
- Name of pilot reporting the accident.
- Description of pilot/glider in trouble.

2.1 Rescue Actions in Competition

2.1.1 The Objective:

- To propose to the pilots a list of things to do when they are giving assistance to a pilot.
- To propose to the Competition Organiser an idea for a procedure for the rescue service.
- To push the pilots to assume their responsibilities in case of an accident, avoiding the possibilities of an excess of zeal, which could generate an excess of extra points.

This list could be used by the Meet Director and/or the Jury in order to attribute compensation points to the pilots who gave assistance.

2.1.2 Organisation Duties:

- A radio arrangement that covers the whole course.
- To make clear & precise decisions with the injured pilot and/or with the pilot who is giving assistance.
- If possible, put the rescue aid in touch with the accident area.
- Transmit all information to the rescue aid (general state of the injured, location, etc.).
- Cancel the rescue action (if needed) if it was asked by some persons external to the competitions.

2.1.3 Obligations of the Injured Pilot

If he is physically able, the pilot must:

- Take some landmarks in order to facilitate the location of the accident zone and the altitude of the accident and the GPS co-ordinates.
- Make contact with the organisation from the air by radio or by mobile phone (better radio contact).
- Alert message like My name is ... number...

2.1.4 Obligations of Pilots Witnessing an Accident

If at all possible, the pilot must:

- Contact control and state that: I am a witness of an accident at such place.
- The injured has a glider of such construction....., such colour...
- I can/can't land close to him.
- What must I do? If possible, His name is.....his number is Can he speak, can he move?

2.1.5 Waiting for the Organisation Decision and then

Land nearby, or stay in the air, close to the accident for a better localisation, or go on with the task.

2.1.6 If Radio Contact with the Organisation is Impossible

- Throw a flare.
- If there is another pilot nearby, or in radio contact with you ask him to contact the organisation landing near
 a telephone, stay in an area that allows the maximum contact with the pilot in order to give information about
 how the rescue is progressing.
- If you are alone, you have to judge according to the area, the impact, the presumed state of the pilot, whether you would do better to land nearby the injured pilot or land near to a telephone.

2.1.7 Further Information to give to Organisation on Reaching the Injured Pilot

- Accessibility of the injured, distance of the 1st road, trees, slope, cliffs, etc.
- State of the injured pilot: conscious/unconscious, pulse, breathing, mobility, opened fracture/closed fracture, internal/external haemorrhage etc.

2.1.8 Protect & Rescue the Injured Pilot

- Avoid injuring yourself, land only if you can do so in total security.
- Approach calmly to the injured pilot. If possible approach from the side or from below in order to avoid falling stones.
- Secure the zone.

2.1.9 Once Discovered

Once the rescue team have the location of the injured pilot, prepare the area for the arrival of a helicopter (fold up the gliders) and protect the injured pilot:

- Do not move him.
- Cover him if he is cold.
- Speak to him even if he is unconscious.
- Find out if his vital functions (pulse, breathing) are efficient and do not intervene if you are not competent.
- If you have no choice, intervene medically (for example CPR).

3 THERMALLING RULES AND TECHNIQUES

It is apparent from the experience of many pilots and officials at category 1 events that quite a few pilots do not know how to thermal effectively and safely with a large group of pilots. Despite the CIVL qualification requirements for the entry of these events, not all countries teach proper technique and etiquette, or may not know the universally accepted procedures. In order to enhance the safety of competitions, these rules are presented, which must be read and understood by all pilots entering CIVL sanctioned competitions.

3.1 Aggressiveness

One of the biggest problems in competitions with many pilots is the over-aggressiveness of certain individuals. Overaggressiveness in crowded skies can lead to mid-air collisions, which can lead to fatalities. Nearly every pilot in a crowded thermal would like to circle tighter to better use the core, but it is impossible to do so without a great disruption of the entire circling group. A pilot that makes close passes to others or avoids clearing all turns endangers everyone, and risks the anger of his fellow pilots which may cause later confrontations. An overly aggressive pilot ultimately hurts his or her own long-term competition results.

Meet Directors are required to deal with overly aggressive and unsafe pilots in the following manner: The pilot should be given a warning as soon as a confirmed report of the pilot's dangerous behaviour is presented. If the pilot doesn't stop the dangerous behaviour immediately, the pilot must be removed from the competition.

3.2 Entering a thermal

3.2.1 First rule

The first rule of entering a thermal is to turn in the same direction as the pilots already in the thermal (either clockwise or counter clockwise). This rule holds strictly even if the thermal is entered well above or below the previous pilot(s). The reason for this last point is that often, lower gliders will climb more quickly and may eventually be at the same level as the higher gliders. Also, in crowded skies it is common for many pilots to join a thermal and pilots coming in between two pilots turning different directions will not know which way to turn. Often this factor results in several groups of pilots at different levels turning in different directions. When these groups merge, chaos and endangerment occur.

So it must be stressed: Always enter the thermal in the same direction as a previous pilot no matter what the height separation. Often pilots have a turn direction preference, which induces them to turn opposite to the direction already established. Pilots with such strong preferences should not enter a competition until turning to the undesirable side is practiced to the point that the pilot is able to automatically turn in either direction.

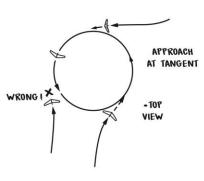


FIGURE 1. – ENTERING A THERMAL

Which way should a pilot turn when entering a thermal in which pilots are turning in opposite directions? This problem is common enough and difficult. If the pilot is closer to one group (above or below), it's best to turn in the direction of that group. A pilot approaching a thermal with other pilots at a similar height must circle in the same direction as the first pilots that reach the thermal.

In general, if a pilot is midway between an upper and lower group it is best to circle in the same direction as the upper group, as these gliders cannot be seen well. If the lower group climbs more quickly, these gliders can be easily seen and the turn direction reversed if required. Do not wait until they are at your level to reverse, since it may result in a mass confusion as some pilots change direction and others don't. Besides, the reason they are climbing up to you may be that their turn direction is more efficient due to a rotating thermal.

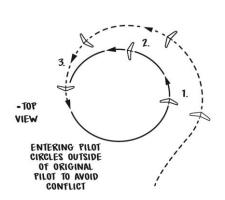
3.2.2 Second rule

The second rule for entering a thermal is to approach the thermal tangentially to the other glider's circle on the side where he or she is flying away from you. This procedure allows a simple turn to be made to follow the previous pilot's circling path even if both pilots are at the same level (see figure 1).

Approaching a thermal circle at any point other than the tangent (where the joining pilot's flight path just touches the circle diameter) is *extremely dangerous*. Pilots doing so are guilty of inducing confrontations and possible mid-air collisions.

Never fly through the middle of a thermal circle.

It is ideal to arrive at a thermal circle when the pilot already circling is on the opposite side of the circle. The pilot who has established the circle must be watched to see where the tangent point is on the side of the circle being entered. By watching the pilot for two or more 360-degree turns as the thermal is approached, a suitable entry point can be determined and the entering pilot can safely join the circling pattern.



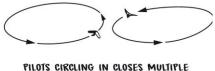
Sometimes the circle is reached when the circling pilot is on the entry side of the thermal. In this case, the approaching pilot should circle on the normal side, but further out from the centre to give the other pilot room to continue to circle with no variation in the established pattern. The entering pilot should then start circling in the same direction with a bigger radius as shown here, which will soon allow room behind the other pilot so that the ideal path can be joined by tightening up the turn. Naturally, the pilot already circling should maintain a regular circle, both so the other pilot can judge where to be, and to maintain the core position. Cooperating in this manner is what the top pilots do in order to fly more efficiently and assure safety.

3.3 Multiple Cores

Quite often multiple thermal cores exist in close proximity to one another. This feature presents a real problem in crowded skies, because these cores often merge as the thermal rises higher. In this instance, when a good core is encountered as a thermal climb is approached, which way is it best to turn? There are benefits and problems relating to turning in either direction. If the turn direction of the nearby circling pilot is adopted, it is possible to enter the established circle simply by making a wider turn as the other core comes closer. On the other hand, the turning gliders will be approaching head-on at the near part of the circle as the cores merge (see figure 3).

If the approaching pilot chooses to circle in the opposite direction, there is not as much head-on confrontation, but the pilot must do a full turn reversal to join the other circle as the cores merge. If other pilots have joined the new circle, this turn reversal can create great confusion and potential conflicts. For the latter reason it is recommended to turn in the same direction as other pilots in a nearby core.

Often thermals can be broken with light multiple cores appearing for a few turns then disappearing. This situation may be a result of weak heating, wind or an inversion layer. When a group of pilots are trying to work such conditions, conflicts can result. Generally, the only safe policy is to use common courtesy and good airmanship. If the cores are short-lived, it doesn't make sense to rush around like crazy towards each pilot that tightens up in a better core. All this does is create conflict with other gliders and the erratic pilot will usually miss the core while knocking out the original pilot or lower ones coming up.



PILOTS CIRCUING IN CLOSES MULTIPLE CORES MAY MEET HEAD-ON. AT THIS POINT BOTH PILOTS SHOULD WIDEN THEIR CIRCLES TO JOIN IN ONE CIRCLE

The best policy is to wait until the climbing pilot is clear and enter the core

FIGURE 3. - MULTIPLE CORES.

without conflict. That way the entering pilot can tighten up successfully and gain the best climb. Blundering through the group trying to grab everything that is marked will just anger the other pilots who then won't cooperate and will do everything they can to block you're the offending pilot's progress. Remember, overly aggressive pilots ultimately hurt themselves psychologically.

In broken thermals, all pilots should orbit in the lifting area and allow a pilot that hits a surge of lift to tighten up and climb above. That way the crowding becomes less and everyone will have a better chance of getting up. Remember, in such conditions all pilots are your helpers, at least until you get close to goal. The weaker and more rare the lift, the more you need other gliders around to cover more area to find thermals. If you play the game of forcing others out of the lift you find yourself alone in an often fruitless hunt for lift.

3.4 General Rules

When a pilot is thermaling in a crowd, the main rule is to maintain constant awareness. That means looking around continuously to avoid conflicts. You must look to the outside of your turn as well as inside, for often gliders outside of you get forced inward or circling path get offset. Do not get confused by the mass of gliders above or below you. Focus on the ones at your level and a bit above and below.

The second important rule is to maintain a regular, predictable turning circle. Try to keep the same radius turn without varying it so other pilots know where you are going to be as they come around each time. Some pilots get fearful as the crowd increases and they flatten out their turns. This results in a reduce climb rate for everyone and even more crowding as more pilots end up at the same level. Maintain as tight a turn in the core as possible for maximum climb so pilots get spread out vertically, not horizontally.

Two pilots on the same level can work together very nicely at quite steep banks. To do this, maintain a constant bank and remember, as long as you can't see the other pilot he or she has either climbed above you or is on the exact opposite side of the circle and you will not hit. If you flatten out you may end up with a conflict. Three pilots can also work together in this manner if each pilot is very careful to keep a regular circle and the lift is smooth. Four pilots at the same level are too many for the efficient use of most cores.

Be aware of the fact that it always appears that the other pilot is going around your circle. This visual mirage makes you think that the other pilot is turning flatter than you. Don't make this perception error and flatten out or you'll cause conflicts. The only way to tell who is turning flatter is to see who catches up to whom. If you are catching up to the other pilots, you are turning more steeply, and vice versa.

Many pilots use techniques of quickly altering their turns when surges of lift pass through. This practice is overly aggressive in very crowded situations and will eventually get reported with a subsequent penalty. No pilot has the right to endanger others for his or her gain. Pilots should study available publications regarding thermal techniques and thermal procedures.

4 NOTES ON AIRSPACE DEFINITION FOR PILOTS AND ORGANISERS

Controlled and restricted airspace altitudes can be defined relative to mean sea level, or by standard pressure (Flight Level) altitude.

All over the world, by international agreement the airspace is defined in feet. So expect the airspace definition to be round numbers of feet in 500 ft intervals. Thus altitudes in meters will be rounded to the nearest meter. For example 7500 ft will be 2286 m.

The openair files that define airspace for competitions include defining the altitude as flight level (FL, QNE) or above mean sea level (MSL, QNH).

Above a locally defined transition altitude, airspace is defined in Flight Level, and below in altitude above mean sea level.

Transition altitude varies from country to country.

Generally the transition level is placed well above the surrounding terrain.

Many pilots will expect, from their experience in the countries they have flown in, that they need not consider flight level airspace as they have only encountered airspace at a fixed altitude. But depending on where a championship is held flight level airspace may well need to be considered.

It is not safe to simplify flight level to altitude, as in low pressure the airspace will be violated.

Effect of meteorological pressure on flight level airspace.

In high pressure a flight level airspace ceiling will move up, in low pressure it will move down.

It might be expected, that low cloud and poor weather associated with low pressure and high pressure associated with good weather might mean it is safe to assume flight level will 'always' be at the equivalent altitude or higher, but depending on weather and location this is not a safe assumption.

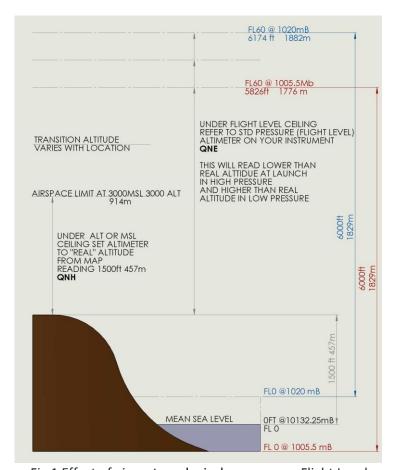


Fig 1 Effect of air meteorological pressure on Flight Level

Instruments

All decent flight instruments are able to display a standard pressure QNE altimeter. This is independent of the QNH altimeter, reading altitude above sea level, that is used for the calculation of arrival heights at goal.

Instruments that offer warnings of approaching airspace from reading the openair airspace files can interpret the airspace definition from the open air file which contain the FL (flight level) or MSL (above sea level) definition.

The competition organisation takes no responsibility for the correct operation of the pilots instruments in this regard. If the igc track shows evidence of airspace violation but the pilot did not "see" they were too high on their instrument due to malfunction or incorrect setting, penalties will be applied.

Airspace Definitions

Airspace can be drawn through a series of points, or using arcs and circles.

If possible the airspace should be tested for correct display on some sample instruments.

Creation of complex shapes "dot to dot" (for a national boundary for example), should be avoided as many instruments cannot cope with too much complexity.

Examples from openair text files.

A zone from the Preworlds in Brasilia:

AC R airspace classs R restricted

AN ESPLANADA AUT airspace name

AL 9000MSL airspace lower altitude 9,000 ft QNH

AH 29000MSL Airspace upper limit, 29,0000 ft (not relevant)

DP 15:47:34 S 047:52:17 W series of points describing the airspace polygon corners.

DP 15:48:04 S 047:52:31 W dd:mm:ss South ddd:mm:ss West always WGS84

DP 15:47:48 S 047:53:34 W DP 15:44:47 S 047:54:10 W DP 15:37:39 S 047:43:40 W

DP 15:44:02 S 047:39:55 W

A zone from the Brazilian nationals in Brasilia:

AC P

AN BRASILIA PROIBIDO

AL FL90 airspace lower altitude FL090 9,000ft QNE e.g. 9,270 ft @1022mB

AH FL290

DP 15:53:58 S 047:48:33 W DP 15:52:09 S 047:54:40 W DP 15:47:24 S 047:57:38 W DP 15:39:10 S 047:58:24 W DP 14:57:29 S 047:02:35 W

DP 15:22:18 S 046:47:12 W

Examples of local transition altitude.

From a brief internet search (unverified, UK is correct).

9,000 ft Hong Kong: Australia: 10,000 ft 4,500 ft Belgium: New Zealand: 13,000 ft Netherlands: 3,500 ft United Kingdom: 6,500 ft **USA** 18,000 ft CANADA: 18,000 ft 6,000 ft Italy:

South Africa: fixed and to be at least 1,000 ft above the highest ground within 25 nm radius of an airfield

FAI Sporting Code, Section 7 Guidelines and Templates - 1st May 2017

France: 5,000 ft unless otherwise stated on chart.

Slovakia: 10,000 ft Austria: 10,000 ft Hungary: 10,000 ft

Brasil: Depends on terminal airspace, in the case of airspace for the area around Brasilia we must take care to check if the definition is Flight Level or altitude above mean sea level.

QNE – std pressure

QNH – real altitude above mean sea level, altimeter set correct for local pressure.

5 NOTES ON GAP

WORK IN PROGRESS

6 PARTICIPANT INCIDENT POLICY

6.1 Policy

This policy provides guidelines for censuring the conduct of competition participants with respect to their behaviour towards CIVL representatives, officials or other competitors at CIVL sanctioned meets.

These participants are competitors, Team Leaders and ground crew. The CIVL representatives are Stewards, Jury members or Technical directors. In addition, other meet officials may be considered CIVL representatives under this policy.

In general, practical rulings and other decisions adversely affect the scores of one or more pilots. These pilots, their Team Leaders or team members may be angered by these decisions.

It is reasonable to expect argument and disagreement on the part of these individuals but abusive language and excessively loud delivery are not acceptable

In addition physical abuse / threats / (hitting, kicking or spitting) is totally intolerable.

The guidelines below are provided for such abusive behaviour.

6.2 Procedure

A full report of the incident must be delivered to the CIVL Bureau as soon as possible after the event. The report should be accompanied by the names and addresses of witnesses if any. The Bureau or a specially appointed committee will review this report, make enquiries and where necessary choose a procedure from the following options.

6.3 Lesser Offences

These offences consist of the use of moderately abusive language or hitting an official with an object not causing physical damage (liquids, paper, dirt, etc.).

Punishment (in order of severity):

- The offending individual and his/her Aero club receives a letter of reprimand from the CIVL
- The offending individual is required to send a letter of apology to the offended official before he is allowed to participate in another CIVL sanctioned event.

6.4 Serious Offences

These offences include the use of excessively abusive language, hitting an official with fists feet or other body parts as well as hitting with solid objects (sticks, rocks, etc.) or otherwise causing bodily abuse (tripping, pushing, etc.)

6.4.1 Punishment

in order of severity:

Note. The punishments in the lesser offences may be invoked as well as the following:

- The offending individual may get a point reduction from his or her score. If the offender is a Team Leader, the point reduction may be for the entire team overall score.
- The offending individual may be banned from CIVL sanctioned events for a specific period of time including a lifetime ban.

The Meet Director has the power to immediately ban or disqualify a pilot for physical attack on any official.

FAI Sporting Code, Section 7 Guidelines and Templates - 1st May 2017

Abusive behaviour is considered unsportsmanlike like conduct and should be treated as such. Likewise abusive behaviour on the part of CIVL official is considered unprofessional conduct and will be dealt with in a similar manner as above.

Punishment will be elimination of the official from the roster of acceptable Steward, Jury, Judge or Technical Directors.

7 PREPARING A PROTEST

The current version of the FAI Jury Handbook and CIVL Jury Annex contains comprehensive instructions on the procedures involved when a protest is submitted at a 1st Category Championship. These notes are intended as a guide to Team Leaders or individuals preparing protests.

7.1 Hierarchy of Rules

The hierarchy of rules will be:

- FAI General Section.
- Section 7, i.e. this book and relevant subsections and Annexes.
- The Local Regulations.
- Any supplementary notices issued subsequently which may have had an effect upon the published rules.

7.2 Procedure

Prior to submitting a protest you must have sought redress of the problem by means of a complaint to the Meet Director. If your complaint is resolved the procedure stops there, if it is not you may proceed to a Protest and the deadlines for these are specified in the Local Regulations, together with the protest fee. The Meet Director should note the time that a protest is presented to him and pass it to the Jury President without delay.

Protests are submitted by a pilot's Team Leader on his/her behalf. This is the case even where a Team Leader may not agree with the protest. If the pilot has no separate Team Leader, he/she may submit the protest personally.

Each protest must be in writing, in English and be accompanied by the protest fee. If the protest is upheld the fee will be returned. It should be headed with the Championship title and the name and nationality of the protestor.

It should be clear what the protest is against e.g. against a decision that the pilot infringed a rule (or rules) or against the penalty awarded for that infringement (points deduction, zero score, DSQ etc. It may not be just a general complaint against the organisers.

It may be that both of the above are protested e.g. "I protest against the decision that I infringed Rule ##. In addition, I believe the penalty awarded to be too severe if I had infringed that rule".

The protest should state what redress the protester wants and which rules he/she believes are relevant.

The protest should finish with signature, date and time.

If the protest is against more than one thing the reasons, explanations, etc. should be kept separate so as to assist the Jury. For each element of the protest the following should be stated (where applicable):

- The reason you believe the decision or penalty is wrong (quoting Rule numbers if they support the case). E.g. it may be that you believe another pilot has been treated differently in similar circumstances.
- Any witnesses you believe will support your version of events.
- Any mitigating factors.

Where possible you should submit written evidence from any supporting witnesses with your protest.

7.3 Jury Action

The Jury should deal with the protest as soon as possible. This may involve interviewing witnesses, obtaining evidence form the Meet Director, other officials and the Steward. Since the competition has to continue while this is going on people may be seen separately. The Jury may announce their decision at the end of hearing the evidence or may consider matters further on their own before reaching a decision. When a decision has been made it will be put in writing, signed by all Jury members and copies made for the Jury members, the Meet Director, the protestor and for posting on the official notice board together with the protest.

8 LOCAL REGULATIONS FOR CROSS COUNTRY EVENTS (Template)

FAI Logo
Championship logo
Official title of the championship
Place and date
Not yet approved/Approved by CIVL

To be sent to CIVL President 8 months before the competition.

To be approved, published on CIVL website and sent to the delegates 6 months before the competition.

Organised by ... on behalf of ...

(Club, NAC, Federation...)

These local regulations are to be used in conjunction with the most recent versions of:

- General Section of the FAI Sporting FAI Sporting Code.
- Common Section 7 of the FAI Sporting FAI Sporting Code.
- Section 7A of the FAI Sporting FAI Sporting Code.
- CIVL Competition Class (CCC) Paragliders permitted in FAI Category 1 Cross country events.
- CIVL GAP Centralised cross-country competition scoring for hang gliding and paragliding.

1 - Contacts

Organising NAC: Competition organiser: Official website:

2 - Officials

Event organiser: Meet director: Safety director: Rescue coordinator:

Livetracking coordinator:

Weather forecast:

Transport and Retrieval:

Scorer:

Doctor:

Headquarters Coordinator:

Host/Hostess:

Take-Off Marshal:

Goal Marshal:

Air Marshals:

Public and Press Relations:

Photographs, videos:

Social events:

•••

FAI Steward:

FAI Jury President:

FAI Jury Members:

(Give nationalities of Jury and Steward)

3 - Programme

Official Registration: Date - Hour - Place.

Opening ceremony/Parade: Date – Hour – Place. Mandatory Safety Briefing: Date – Hour – Place. 1st Team leader meeting: Date – Hour – Place.

Welcome Dinner: Date – Hour – Place.

Official training day: Date. Contest flying days: Date.

Prize-giving & Closing Ceremony: Date – Hour – Place.

The hours are subject to change. Any changes before the start of the competition will be posted on the website. After the start of the competition, changes will be announced by the Meet Director at the Team Leaders briefing and posted on the official board at headquarters.

Daily Schedule

On training and competition days:

Hour: Headquarters open Hour: Team Leader meeting Hour: Transportation to take off

Hour: Task and Safety Committee meetings

Hour: Pilot briefing /Task briefing Hour: Take-off window opens: Hour: Scoring office opens Hour: Provisional results

The daily schedule is subject to change.

Any changes to the schedule before the start of the competition will be posted on the website.

After the start of the competition, changes will be announced by the Meet Director at the Team Leaders briefing.

4 - Entry

The maximum number of pilots in the championship is xxx.

The maximum number of pilots that may be entered by a NAC is xx total (and xx of one gender).

The maximum number of pilots constituting a national team is xx total (and xx of one gender).

For Continental championships

Pilots from other continents

As per Common Section 7-2.

If any spots remain available, the organiser may accept entries from pilots from other continents.

5 - Eligibility to compete

Eligibility to compete and exceptions to pilot qualification requirements

According to Section 7A-2.

The ranking reference date for qualification criteria, nation priority table and allocation is month/year ranking published on day/month/year.

(3 calendar months before the championship starts)

6 - Application to compete

Applications must be made through (link to the official website registration page) starting from day/month/year and finishing on day/month/year.

NAC's are invited to submit applications for pilots in high enough numbers, so they can be included in case of extra allocation rounds.

Screening Committee

According to Section 7A-2.

Members: Xx, Xx and Xx (names and nationalities).

7 - Allocation and payments

Allocation will be done according to Section 7A-2.

The first allocation round will be made and results published on the official website on day/month/year.

(Suggested: the day after the period for applications is finished – Absolutely not before 3 calendar months before the championship starts.)

The entry fee payment process will start on day/month/year. (Suggested: same day as just over) Confirmation of payment transfer must be sent to the organisers by email before day/month/year. Applications with fees paid, but not received or confirmed by the deadline will be refused.

After the first payment deadline the team allocation table will be updated. Any unpaid places will be reallocated. The final allocation will be made on day/month/year (60 days before the first planned flying day) until a total of (150) pilots are reached or no more applications remain.

The deadline for the final payment will be day/month/year.

For any late payment, a supplementary fee of xx euros will be applied.

Between the (day/month/year of final allocation) and the beginning of the competition, if any spot becomes open because of cancellation or for any reason, the spot will be offered:

- First to a European pilot of the same NAC.
- Second to a European pilot of another NAC (in the order of the WPRS nation ranking, starting where the second allocation round finished).
- Third, to a non-Continental pilot. (For Continental championships)

8 - Entry Fee

The Entry fee will be:

- xxx Euro per pilot.
- xxx Euro per team leader / assistant.

Team leaders who are also pilots in the competition will pay only the pilot entry fee.

The Entry fee includes:

As a minimum:

- Colour map of task area showing take-off, turnpoints, landing fields and restricted airspace and areas, with clearly visible grid matching the GPS coordinates used for the competition.
- ID card & safety/contact information.
- Contest numbers.

Also...

- Transport to take-off and retrieve on the main routes for all competition days.
- Upload of turn-points with GPS coordinates.
- GPS track-log download.
- Live tracking.
- Competitor and glider identification.
- Daily snack package, water.
- Competition souvenirs.
- Free access to all championship events and parties.
- Free internet (Wi-Fi) access at the HQ.
- Discount for accommodation.
- Emergency rescue and first aid medical service.

_

Entry fees for the top nation – name of the nation – are to be paid to the following account:

FAI CIVL bank account details:

Address: Crédit Suisse Private Banking

Rue du Lion d'Or 5-7 Case postale 2468 CH- 1002 Lausanne

Switzerland

Account name: FAI-CIVL Fédération Aéronautique Internationale

Account Number (Euro): 0425-457968-32-6 IBAN Code: CH63 0483 5045 7968 3200 6

SWIFT/BIC Code: CRESCHZZ80A

Please indicate that the payment is the entry fee for the (name of competition) and state the member NAC.

All other entry fees are to be paid to following bank account

Account Name: Bank Name:

Swift Code:

Account Number: Current account.

Please indicate CIVL IDs of all the pilots you are paying for.

Refund policy

In the event of pilot withdrawing from the competition before day/month/year and who cannot be replaced by a qualified NAC-nominated pilot from that nation, a full refund will be offered (less xx Euro for administration costs). Cancellations received after this date will not be eligible for refund.

9 - Registration

Registration according to Common Section 7-5.2 and Section 7A-2.

Suggested...

Entry forms will be completed, checked and signed.

In order to speed-up the process of registration, the Team leaders can prepare and communicate the required documents to the organiser before the official registration.

10 - Insurance

The organisers require documentary proof in English of valid:

- Insurance covering public liability risk to the value of minimum xxx Euro (in letters euro) must be presented to the organisers at registration.
- State any other insurance required or recommended.

The organiser will offer at the HQ prior to registration:

- Insurance covering public liability risk at a price of xx Euro (specify amount and duration).
- Medical/accident insurance at a price of xx Euro (specify amount and duration).

11 - Equipment

All equipment must comply with Section 7A-4 and 8, and CIVL GAP.

(In addition pilots are required to fly with:

State here additional equipment: telephone, etc.)

Radio

According to Section 7A-4.

(Specific rules if any.)

Contest number

According to Common Section 7-5.

(Specify if numbers are requested, their size and where they are to be placed.

It is not allowed to have a second number on the glider beside the official competition number.

12 - Committees

Task Advisory Committee

It will include the steward and xx pilots (2 minimum) (see Common Section 7-4).

Safety Committee

It will include xx pilots (3 minimum) (see Common Section 7-4).

13 - Take-off sites

Give references to the official website pages with description of take-off. (Specific rules if any.)

14 - Flying days

Organisers are asked carefully consider the conditions of the competition, the nature of the site and craft a suitable definition of a 'flying day', using the examples below, if appropriate. The Local Regulations are to be defined with in collaboration with the Steward and are approved by the Bureau and by the Plenary.

Examples of flying days definitions:

—A flying day is defined as a day when a team leader briefing is held and pilots travel to the 1take-off regardless of whether any pilot starts a task.

(Can be used in situations where take-off is a significant distance from HQ, hotels, etc).

—A flying day is defined as a day when a team leader briefing is held, pilots travel to the takeoff, a task is set and at least one pilot takes-off to start the task.

or

—A flying day is defined as a day when the launch window has been opened (Can be used in situations where the take-off is very close to HQ and travelling to the take-off doesn't take very long).

15 - Launch

Specify which launch system will be used in reference to Section 7A-3.

If towing, specify number of tugs, tow rope length, weak link strength, aero tow release height etc.

Wind speed at launch.

The maximum wind speed in which a task shall be flown is xx km/h, measured at launch altitude. (Specific rules if any.)

Relaunch

(Specific rules if any.)

Launch window

For the task to be valid, the launch window must be open for at least xx minutes.

16 - Airspace and other restrictions

(Specific rules if any.)

17 - Goal

(Specific rules if any.)

18 - Pre-Flyers and Free flyers

According to Common Section 7-7.

(Specific rules if any, like: They will not be allowed to launch from xx minutes before the window open until xx minutes after the window close time.)

19 - Safety Issues

(Specific rules if any.)

20 - Live-tracking

According to Section 7A-4. (Specific rules if any.)

21 - Scoring

According to Section 7A-4.

Scoring will use the (specify name and version) scoring program, using CIVL GAP scoring formula (specify which version).

The GPS map datum is WGS 84 and the coordinate format to be used is (e.g. hddd0mm.mmm').

As per Centralised Cross-Country Competition Scoring for Hang-Gliding and Paragliding document.

- GAP parameters will be set at:
- Nominal launch: (default value = 96%).
- Nominal distance: xx kmMinimum distance: xx km
- Nominal goal: xx %Nominal time: xhxx
- Score back-time in case of stopped task: xx (default value : PG= 5 min. HG=15min.)
- Early start in hang gliding (jump the gun): maximum of X seconds. Penalty of Y points per second. (By default, maximum is 300s. and penalty 2 points per second).

GAP parameters will be discussed at the first Team Leaders' briefing.

The primary source of scoring is (Live-tracking logs / GPS logs). Any other source can be used as back-up.

22 - Penalties

According to Section 7A-6.

Specify if Pilots' nominal weight will be checked at registration and/or where scales will be available. (Specific other penalties if any.)

23 - Complaints and protests

As per General Section and Section 7A-7.

Team Leaders are advised to read Common Section 7-14 before making a complaint or a protest.

The fee for protest will be (see Section 7A-7 for maximum amount).

(State here if deadlines for complaint and protest are different from the ones defined in Section 7A-7)FAI Logo

9 LOCAL REGULATIONS FOR AEROBATIC EVENTS (Template)

FAI Logo
Championship logo
Official title of the championship
Place and date
Not yet approved/Approved by CIVL

To be sent to CIVL President 8 months before the competition.

To be approved, published on CIVL website and sent to the delegates 5 months before the competition.

Organised by ... on behalf of ...

(Club, NAC, Federation...)

These local regulations are to be used in conjunction with the most recent versions of:

- General Section of the FAI Sporting FAI Sporting Code.
- Common Section 7 of the FAI Sporting FAI Sporting Code.
- Section 7B of the FAI Sporting FAI Sporting Code.

Contacts and programme

Organising NAC:

Competition organiser:

Official website:

Registration:

Officials

Event organiser:

Meet director:

Safety director:

Chief Judge:

Weather forecast:

Scorer:

Doctor:

Headquarters Coordinator:

Host/Hostess:

Take-Off Marshal:

Public and Press Relations:

Photographs, videos:

Social events:

•••

FAI Jury President:

FAI Jury Members:

(Give nationalities of Jury and Steward)

Programme

Practice Period: Date – Hour.

Registration: Date - Hour - Place.

Opening ceremony/Parade: *Date – Hour – Place*. Mandatory General Briefing: *Date – Hour – Place*.

Welcome Dinner: *Date – Hour – Place*. Official training day: *Date and hours*.

Contest flying days: Date.

Prize-giving & Closing Ceremony: Date – Hour – Place.

The programme is subject to change with CIVL approval. Any changes before the start of the competition will be posted on the website.

After the start of the competition, changes will be announced by the Meet Director at the daily briefing and posted on the official board at headquarters.

Daily schedule

On competition days: Hour: Headquarters open Hour: Daily meeting

The daily schedule is subject to change.

Any changes to the schedule before the start of the competition will be posted on the website.

After the start of the competition, changes will be announced by the Meet Director at the daily briefing.

Entry

The maximum number of Solo pilots is xx.

The maximum number of Solo pilots that can be entered by a NAC is xx.

The number of solo pilots that constitute a nation team is xx.

The number of scores per run that count for the team score is xx.

The maximum number of Synchro pairs is xx.

The maximum number of Synchro pairs that may be entered by a NAC is xx

Eligibility to compete

According to Section 7B.

The Screening Committee shall consist of (name) representing the Bureau, (name) representing the Aerobatics Committee, and (name) representing the Judges.

Application to compete

Applications must be made through (link to the official website registration page) starting from day/month/year and finishing on day/month/year.

Payments

The entry fee payment process will start on day/month/year.

Confirmation of payment transfer must be sent to the organisers by email before day/month/year.

The deadline for the final payment will be day/month/year.

For any late payment, a supplementary fee of xx euros will be applied.

Entry Fee

The Entry fee will be:

- xxx Euro per pilot.
- xxx Euro per team leader / assistant.

Team leaders who are also pilots in the competition will pay only the pilot entry fee.

The Entry fee includes:

- Colour map of task area showing take-off, landing fields and restricted airspace and areas.
- ID card & safety/contact information.
- Transport to take-off.
- Daily snack package, water.
- Competition souvenirs.
- Free access to all championship events and parties.
- Free internet (Wi-Fi) access at the HQ.
- Discount for accommodation.
- Emergency rescue and first aid medical service.

- ...

Entry fees for the top nation – *name of the nations* – are to be paid to the following account:

FAI CIVL bank account details:

Address: Crédit Suisse Private Banking

Rue du Lion d'Or 5-7 Case postale 2468 CH- 1002 Lausanne

Switzerland

Account name: FAI-CIVL Fédération Aéronautique Internationale

Account Number (Euro): 0425-457968-32-6 IBAN Code: CH63 0483 5045 7968 3200 6

SWIFT/BIC Code: CRESCHZZ80A

Please indicate that the payment is the entry fee for the (name of competition) and state the member NAC.

All other entry fees are to be paid to following bank account

Account Name:
Bank Name:
Swift Code:
Account Number:
Current account.

Please indicate CIVL IDs of all the pilots you are paying for.

Refund policy

In the event of pilot withdrawing from the competition before day/month/year and who cannot be replaced by a qualified NAC-nominated pilot from that nation, a full refund will be offered (less xx Euro for administration costs). Cancellations received after this date will not be eligible for refund.

Insurance

The organisers require documentary proof in English of valid:

- Insurance covering public liability risk to the value of minimum xxx Euro (in letters euro) must be presented to the organisers at registration.
- State any other insurance required or recommended.

The organiser will offer at the HQ prior to registration:

- Insurance covering public liability risk at a price of xx Euro (specify amount and duration).
- Medical/accident insurance at a price of xx Euro (specify amount and duration).

Take-off site

Give references to the official website pages with description of take-off. (Specific rules if any.)

Launch System

Specify which launch system will be used.

If towing, specify, number of tugs, tow rope length, weak link strength, aero tow release height etc. If helicopter drop, specify D-bag rules if any.

Airspace and other restrictions

(Specific rules if any.)

Safety issues

Distance to closest care centre for minor injuries. Distance to closest hospital for serious injuries. Rescue boats (number, crew, equipment) Ambulance availability and response time. Helicopter availability and response time. (Specific rules if any.)

Elimination runs

(Specify criteria and possible refunds, as relevant)

Rest day

(Specify if necessary)

Protests

As per General Section and Section 7B-7.

Team Leaders are encouraged to read Common Section 7-14 before making a complaint or a protest. The fee for protest will be (see Section 7B-7 for maximum amount).

(State here if deadlines for complaint and protest are different from the ones defined in Section 7B-7.)

10 LOCAL REGULATIONS FOR PARAGLIDING ACCURACY EVENTS (Template)

FAI Logo
Championship logo
Official title of the championship
Place and date
Not yet approved/Approved by CIVL

To be sent to CIVL President 8 months before the competition.

To be approved, published on CIVL website and sent to the delegates 5 months before the competition.

Organised by ... on behalf of ... (Club, NAC, Federation...)

These Local Regulations are to be used in conjunction with the most recent versions of: General Section of the FAI Sporting FAI Sporting Code.

Common Section 7 of the FAI Sporting FAI Sporting Code.

Section 7C of the FAI Sporting FAI Sporting Code.

1. Contacts

Organising NAC:

Competition organiser:

Official website:

Registration:

2. Officials

Event organiser:

Meet director:

Safety director:

Chief Judge:

Event Judge:

Target Judge

Launch Marshal:

Scoring

Transport:

Doctor:

Headquarters Coordinator:

Host/Hostess:

Public and Press Relations:

Photographs, videos:

Social events:

...

FAI Steward:

FAI Jury President:

FAI Jury Members:

(Give nationalities of Judges, Jury and Steward)

3. Programme

Official Registration: Date – Hour – Place.

Opening ceremony/Parade: Date – Hour – Place. Mandatory Safety Briefing: Date – Hour – Place. 1st Team leader meeting: Date – Hour – Place.

Welcome Dinner: Date - Hour - Place.

Official training day: *Date*. Contest flying days: *Date*. Reserve day: *Date*.

Prize-giving & Closing Ceremony: Date – Hour – Place.

The programme is subject to change. Any changes before the start of the competition will be posted on the website. The changes are subject to CIVL Bureau approval.

After the start of the competition, any programme changes will be announced by the Meet Director at the Team Leaders' briefing and posted on the official notice board at headquarters.

4. Daily schedule

On training and competition days:

Hour: Headquarters open
Hour: Team Leader meeting
Hour: Transportation to take off

Hour: Start of rounds:

The daily schedule is subject to change.

Any changes to the schedule before the start of the competition will be posted on the website.

After the start of the competition, changes will be announced by the Meet Director at the Team Leaders' briefing and posted on the official notice board at headquarters.

5. Entry

The maximum number of pilots in the championship is xxx.

The maximum number of pilots that may be entered by a NAC is xx total (and xx of one gender).

The maximum number of pilots constituting a national team is xx total (and xx of one gender).

For Continental Championships...

If more than xxx (European, Asian...) pilots are pre-registered, an allocation system will be implemented (see Section 7A-2.3 for similar system).

Guest pilots from other continents are welcome to compete as per Section 7C if the number of pre-registered (European, Asian...) pilots is less than xxx.

6. Entry Fee

The Entry fee will be:

- xxx Euro per pilot.
- xxx Euro per team leader / assistant.

Team leaders who are also pilots in the competition will pay only the pilot entry fee.

The Entry fee includes:

- ID card & safety/contact information.
- Competitor and glider identification.
- Transport to take-off and retrieve on the main routes for all competition days.
- Daily snack package, water.
- Competition souvenirs.
- Free access to all championship events and parties.
- Free internet (Wi-Fi) access at the HQ.
- Discount for accommodation.
- Emergency rescue and first aid medical service.

7. Payments

Entry fees for the top nation – name of the top nation – are to be paid to the following account:

FAI CIVL bank account details:

Address: Crédit Suisse Private Banking

Rue du Lion d'Or 5-7 Case postale 2468 CH- 1002 Lausanne

Switzerland

Account name: FAI-CIVL Fédération Aéronautique Internationale

Account Number (Euro): 0425-457968-32-6 IBAN Code: CH63 0483 5045 7968 3200 6

SWIFT/BIC Code: CRESCHZZ80A

Please indicate that the payment is the entry fee for the (name of competition) and state the member NAC.

All other entry fees are to be paid to following bank account

Account Name:
Bank Name:
Swift Code:
Account Number:
Current account.

Please indicate CIVL IDs of all the pilots you are paying for.

Payment deadline

The deadline for the final payment will be day/month/year.

For any late payment, a supplementary fee of xx Euro will be applied.

Refund policy

In the event of pilot withdrawing from the competition before day/month/year and who cannot be replaced by a qualified NAC-nominated pilot from that nation, a full refund will be offered (less xx Euro for administration costs). Cancellations received after this date will not be eligible for refund.

8. Pre-registration

Pre-registration must be made through (link to the official website registration page) starting from day/month/year and finishing on day/month/year.

For Continental championships.

Participation for pilots of other continents will be confirmed on day/month/year.

9. Registration

According to Common Section 7-5 and Section 7C-2.

State specificities if any.

10. Insurance

The organisers require documentary proof in English of valid:

- Insurance covering public liability risk to the value of minimum Euros. It must be presented to the organisers at registration.
- State any other insurance required or recommended.

The organiser will offer at the HQ prior to registration:

- Insurance covering public liability risk at a price of Euro (specify amount and duration).
- Medical/accident insurance at a price of Euro (specify amount and duration).

11. Equipment

All equipment must abide by Section 7C-8.

In addition, pilots are required to fly with:

(State here additional equipment: telephone etc.)

(Towing: specify if tow release will be available for rent or buy)

Contest number

According to Common Section 7-5.

(Specify if numbers are provided, their size and where they are to be placed.

Specify if it is forbidden to have a second number on the glider beside the official competition number.)

Radio

(State the types of radio which can legally be used, the frequencies reserved for the organisers, emergency services etc. and the frequencies allocated to individual teams.)

12. Safety committee

It will include xx pilots (2 minimum) (see Common Section 7-4).

13. Competition site

Location

Give references to the official website pages with description of take-off, landing etc.

(Specific rules if any.)

Take-off method

Describe.

Flight boundaries

Specify controlled airspace or other areas where flights by competing gliders are prohibited or restricted, if any. Such areas shall be precisely marked on published maps.

14. Number of rounds

According to Section 7C-5.

(State here if less than 12 rounds are programmed)

15. Rest day

According to Section 7C-3.7.

(Specific rules if any.)

16. Wind speed

According to Section 7C-3.

The maximum permitted wind speed, as measured at the target during the final 30 seconds of a competitor's flight, will be per second.

(Specify any special or different equipment or set-up for wind speed indicators and wind speed recording.)

17. Scoring

Target radius is x metres.

The Nation's team score for each round shall be the aggregate score of the best x pilots in the Nation's team.

18. Guest pilots

If appropriate, in Continental championships.

For flying order purpose, guest pilots will be organised by the Meet Director in teams of maximum 12. Scoring of guest pilots according to Common Section 7.

19. Amateur video evidence

Amateur video evidence will / will not be accepted.

(If so under what conditions. Suggested...

The Organisers will provide video recording of landings. In the case where amateur video evidence is available when an official complaint is made, the Competition Director and Chief Judge reserve the right to choose whether and when to view that video evidence. The decision will be made on a case to case basis.

Further information regarding the policy on video evidence will be provided at the first pilot briefing.)

20. Penalties

According to Section 7C-6. (List specific penalties if any.)

21. Complaints and protests

As per General Section, Common Section 7 and Section 7C-7.

Team Leaders are encouraged to read Common Section 7-14 before making a complaint or a protest.

The fee for protest will be (see Section 7C-7 for maximum amount).

(State here if deadlines for complaint and protest are different from those defined in Section 7C-7)

22. Emergency procedures

Specify response time for evacuation by ambulance to hospital (state location(s) and any specialist centres). Specify helicopter response time if available.

23. Safety issues

(Specify if any.)

24. Other information

(Specify if any.)

ENTRY FORM (Template) 11

NAC CHAMPIONSHIP ENTRY FORM

Name of Event, Location, Dates

All pilots must be validated by their NAC and registered in the online FAI Sporting Licence Database prior to the start of the Championship.

NACs should	nominate the pilots they wish to enter in the C	hampionship on the	e form l	pelow by (a	date), with the pi	lot's
CIVL ID numb	er. An authorised NAC representative must sign	gn this form, with o	fficial s	tamp if app	olicable.	
Please see Lo	cal Regulations for further information. Please	note that individua	l pilots	will be req	uired to complet	e ar
	line entry form providing all the personal deta	•				
Send complet	ted form to: (organiser email and/or mailing a	ddress)				
	onal AeroClub					
Address	1	 [el/email				
We wish to e	nter the following competitors who qualify und	der the FAI Nationa	lity or R	esidence F	Rules (General	
Section 3.1.3			,		,	
Family Nam	e/First Name	Nationality/Res	Age	Gender	CIVL Pilot ID n° (WPRS)	
1.						
2.						
3.						
4.						
5.						
Etc.						
gender that n a national tea stated above	n number of pilots that may be nominated is (x) nay be entered by a NAC is stated in the Local am is stated in the Local Regulations. If an allo (gender permitting). Accepted pilots may be see Championship.	Regulations. The mocation system is us	naximur ed, pilo	n number ts will be a	of pilots constitu ccepted in the o	ıting rde
	nail of Team Leader (ifappointed) per of Assistants (ifknown)					
ENTRY FEES.	For each pilot For each assistant For the Team Leader Total	(amou	ınt and	currency) currency) currency)		

Deadline for payment of pilot fees is: (date) See Local Regulations for payment details.

FAI Sporting Code, Section 7 Guidelines and Templates - 1st May 2017

I/We declare that the above information is true, and that all the pilots meet the required qualifications for entry to this competition as per Section 7 and the Local Regulations.						
Signed						
Name	Position in NAC					
Date						

12 WAIVER FORM (Template)

Signature of Witness

RELEASE OF LIABILITY, WAIVER OF LEGA

Please read carefully. This is a release	of liability, waiver of legal rights:
1. I am a participant in the	
and landing areas), the Federation Actheir respective affiliates, agents, offi employees and insurers (collectively, tinjury, including death, or property da Parties and agree that if anyone is ph	éronautique Internationale and its Hang Gliding and Paragliding Commission, icers, directors, owners, commission or jury members, contractors, volunteers, the "Released Parties") from any and all claims I might make as a result of physical image sustained in connection with the Events. I promise not to sue the Released hysically injured or property is damaged while I am engaged in the Events, I will lawsuit against the Released Parties. The provisions of this paragraph 2 shall not
apply to misconduct determined to ha 3. This Release of Liability, Wain between the parties and is governe interpreted as broadly as possible. I courts and suc	ave been undertaken intentionally or recklessly. (Initials:) ver of Legal Rights supersedes any other agreements or representations by or ed by the laws of
still be given full force and effect and	is determined to be unenforceable under the applicable law, all other parts shall the agreement shall be completed in respect of the aspects covered by the part o give effect to the intent herein expressed to the fullest extent permissible by
I HAVE CAREFULLY READ THIS DOCUMEN LIABILITY, WAIVER OF LEGAL RIGHTSAND Signed on this date:	NT AND FULLY UNDERSTAND ITS CONTENTS. I AM AWARE THAT THIS IS A RELEASE OF I SIGN IT OF MY OWN FREE WILL.
Signature of Participant	Printed name of Participant

Printed name of Witness

13 PARAGLIDER PILOT XC EXPERIENCE DECLARATION (Template)

All competing pilots (irrespective of their glider class) must complete the Pilot Experience Declaration form outlining their general flying experience and specific experience and skills with their current glider. The form should be completed online in the pilots' WPRS profile. Completed forms will be provided to the organiser prior to physical registration.

This information is not intended to be used as part of a qualification or selection process. Its purpose is to make pilots aware of their skill levels (or lack thereof).

This data will not be made public, but may be used in case of incidents.

NACs should make sure that the pilots they register have reached the 'basic' level of skills listed below, for the glider they are flying.

Pilot Name:				
CIVL ID:				
Team (Nation):				
Championship:				

A. Pilot skills

The basic skills necessary to fly in a 1st Category competition are the ability to:

- Take off and land safely.
- Fly in a crowded environment, with respect for the rules and other pilots.
- Navigate a safe path through the air, avoiding areas of turbulence and rotor.
- Handle the wing correctly in the air to avoid spins and stalls.
- Feel the wing and use correct inputs to avoid collapses, even in extreme turbulence.

Once the minimum level of competence has been reached, the pilot must further improve his safety by acquiring the skills below:

- Controlled management and recovery from asymmetric and symmetric collapses: managing correct collapse proportions and recovering without cascading events.
- Developed collapses: ability to cope with auto rotational G forces and disorientation, and show good recovery.
- Dealing with riser twists: untwisting.
- Controlled entrance and recovery from full stall; symmetric full stall entrance whilst keeping the span (without the tips touching); controlled full descent without rotation and clean recovery by building the span completely before flight.
- Effective recovery from tip cravats.
- Appreciation of spin point; show the ability to reach the point of spin and react immediately.

Regular SIV trainings are recommended.

B. Pilot experience

- 1. Approximate total flight time in hours:
- 2. Approximate thermal flight time during the last 12 months:
- 3. How many competition tasks have you flown in last 5 years:

4. What has been your best WPRS ranking?	
5. What is your current WPRS ranking?	
6. How familiar are you with the following manoeuvres of It is strongly recommended that manoeuvres are practise life vest, etc.).	r incidents? ed above water and in a safe or supervised conditions (boat,
N = Never tried O = tried Once or more times P = Proficient ☐Search for the spin point	
□ Frontal collapse	
☐Asymmetric collapse	
□Parachutal stall	
□Full Stall	
□Fast descent (> 6 m/s)	
Other (please specify)	
7. Have you visualised doing the above manoeuvres? (it can be very useful at low cost and risk).	
8. Flight time in hours with your paraglider:	
9. Main reserve parachute Make: Model: Max Certified Load: Last Repack Date:	
10. Second reserve parachute Make: Model: Max Certified Load: Last Repack Date:	
Pilots should check and repack their reserves regularly an	d get used to throwing them while in flight simulators.
Signed (at physical registration): D	ate:

14 CE	RTIFIED	GLIDER	STATEMEN 1	- XC F	HANG (GLIDERS	(Tem	plate)	
-------	----------------	--------	-------------------	--------	--------	----------------	------	--------	--

I, the	undersigned,	declare	that the	e Class		glider			. ((make)
		(model) I	will fly	in the			(Nar	ne d	of	event)
		Champion	ship, from		to _		(dates) is a model certified	by on	ie o	r more
of the ir	nternationally re	cognized cer	tifying bod	ies (nam	ely the	DHV, HGI	MA or the BHPA). Furthermo	re I de	eclai	re that
I have n	ot altered the co	onfiguration	of the glid	er since	purcha	se, in a m	nanner that would take it out	of cei	rtific	cation,
and as f	ar as I know and a	as far as I am	aware it is	in certifi	ed conf	guration	and I undertake not to alter th	is con	ıfigu	ıration
during t	he championshi	p. I underst	and that I a	ım the s	ole indi	vidual res	sponsible for the integrity of r	ny glio	der	and to
the best	of my knowledg	ge it is dama	ge free and	l airwort	hy.					
Date										
Signatu	re of Participar	nt		Printe	d nam	e of Part	icipant			
Signatu	re of Witness			Printe	d nam	e of Witr	ness			

If your glider is not a certified model or is not in certified configuration DO NOT SIGN THIS STATEMENT

15 CERTIFIED GLIDER STATEMENT – XC PARAGLIDERS (Template)

I, the undersigned, declare that the Class 3 glider	(paraglider)
(make and model)	
that I will fly in the (Name of event)	
from to (dates)	
is certified by one of the CIVL recognised certify	ing bodies (Test Houses). Furthermore I declare that it is in certified
configuration and I undertake not to alter this co	nfiguration. I understand that I am the sole individual responsible for
the integrity of my glider.	
Date	
Signature of Participant	Printed name of Participant
Signature of Witness	Printed name of Witness

If your glider is not a certified model or is not in certified configuration DO NOT SIGN THIS STATEMENT

16 CERTIFIED GLIDER STATEMENT – AEROBATIC PARAGLIDERS (Template)

I, the undersigned, declare	hat the paraglider
(make and model)	
that I will fly in the (Name	f event)
from	
to (date	;)
is certified for shock and lo to EN 926-1 or LTF 91-09,	ad tests by one of the CIVL recognised certifying bodies (Test Houses) according
Date	
Signature of Participant	Printed name of Participant
Signature of Witness	Printed name of Witness

17 CERTIFIED GLIDER STATEMENT – ACCURACY PARAGLIDERS (Template)

I, the undersigned, declare that my glider	
(name, make and model)	
is EN certified.	
Furthermore, I declare that it is in certified configu	ration and I undertake not to alter this configuration.
I understand that I am the sole individual responsi	ble for the integrity of my glider.
Date:	
Printed name of Participant	Signature of Participant
Printed name of Witness	Signature of Witness