



21st FAI
WORLD HANG GLIDING
CHAMPIONSHIP
BRASÍLIA - BRAZIL 2017

The Brazilian NAC “Associação Brasileira de Vôo Livre – ABVL” has the pleasure to present their official BID for the World Hang Gliding Championship 2017 with the necessary detailed information you will find below.

Government and Local Entities Supporting the Event

- **Associação Brasileira de Vôo Livre – ABVL** (Brazilian NAC)
- Associação de Vôo Livre do Distrito Federal – AVLDF (Hang Gliding Association – Brasilia)
- Governo do Estado do Distrito Federal – GDF (Local Government Agency – Brasilia)
- Secretaria de Turismo do Distrito Federal (Federal Board of Tourism – Brasilia)
- Secretaria de Esportes do Distrito Federal (Federal Sports Bureau – Brasilia)
- Ministério dos Esportes (National Ministry of Sports)

1 – Organizers

Betinho Schmitz -Event Organizer: Hang gliding pilot since 1982, 8 times Brazilian Hang Gliding Champion, World Champion Team Member in 1999 Monte Cucco – Italy; Pre-Worlds Champion in 2000 Algodonales – Spain, Declared Distance World Record in 2001 in Texas – USA and Brazilian Paragliding Champion in 1997.

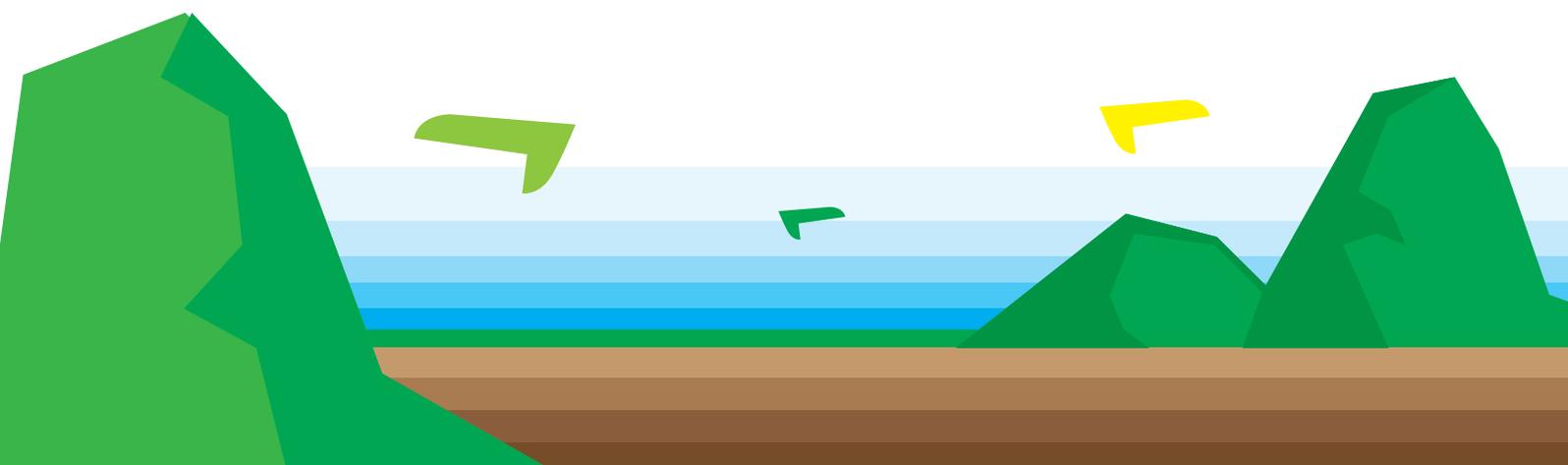
Associação Brasileira de Vôo Livre (ABVL): The event will be organized with the full support of the Brazilian Hang Gliding Association. Our crew has organized many international flying events such as the “XCeará” (Chico Santos who is current President of ABVL), the 2003 World Hang Gliding Championship and all the Brazilian Hang Gliding Nationals, among other events. Annually we organize the three rounds of the national circuit, congregating about 70 competitors including Brazilian and international pilots. Our crew is basically the same that has organized the events listed above.

Directors and Key Officials

- General Event Coordinator - Betinho Schmitz
- Meet Director - Dioclécio Rosendo
- Safety and Rescue Director – Sergio Galvani
- Meet Advisor / Launch and Goal Chief Marshal - Ricardo Ortega
- Meteorologist - Cid Maestrini
- Scorer - Claudio Veloso
- Competition Doctor - Marcelo Rosendo
- Media and Communication Director - Caio Salles

2 –Name of the Event

21st FAI World Hang Gliding Championship 2017 – Class I



3 – Dates

August 6th thru 19th 2017

4 - Event Site

Brasília, capital city of Brazil, has one of the most famous spots in the world for hang gliding. Every year, one of the Brazilian National Hang Gliding rounds takes place at this site. We count with the assistance of the local government, which provides all the support and authorizations required for the events that take place in Brasília.

5- Launch Sites

Brasilia has a constant wind condition at this time of the year which allows us to operate with 4 launch lanes allowing the launch sequence, during the Worlds and Pre-Worlds, to be completed in less than one hour. In the past years we have held the Brazilian Nationals during this time of the year, with usually 70 participating pilots flying, and the championship always runs on smooth and constant conditions. Another positive key experience on this site was during the 2003 World Hang Gliding Championship, where 150 pilots participated having absolutely no problems on take-off nor at the official landing zone.

6- Launch Site Details

Location: 15°15'25.00"South - 47°30'18.00"West.

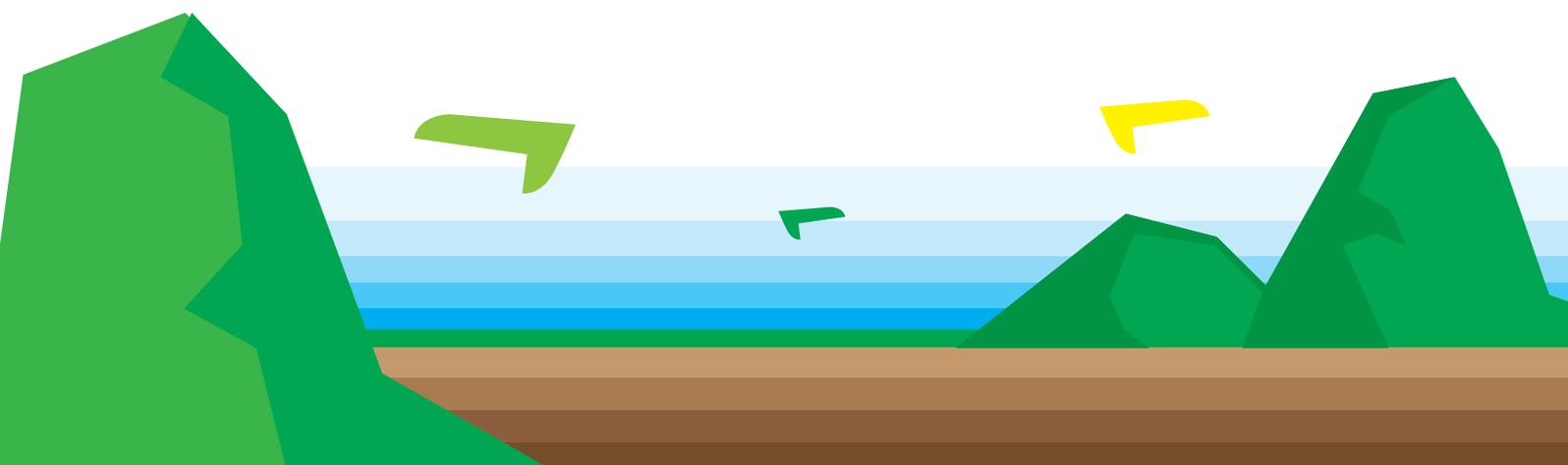
Launch Height: 1240m ASL and 600m AGL.

The launch works with NE/E/SE winds and there is typically a constant east wind of approximately 20 km/h. The ramp is located on a valley and there are no mountains to drive up to the launching area, where all types of cars have easy access to the launch area with plenty of space for parking.

The grassy set up area is about 6,000m², divided in two separate rectangles, just behind the ramps.

7- Distance to the Launch Site

The launch site is a little over a one hour drive from Brasilia, exactly 92km, with 85km of asphalt and only 7km on flat dirt road. All the roads in Brasilia are suitable for private or rental cars; most of the roads are paved and, those that are not, are in good enough conditions so that any small or economy car can easily drive on it.



Facilities at Sites

- Launch Area - the organizers will provide tents with fresh fruits and cold drinkable water in the set up area and portable (chemical) will be also provided toilets in two different locations.
- Official Landing Zone (goal area) - different from any other site in the world, the traditional landing zone in Brasilia is a large and flat grassy rectangular located area at the famous “Esplanada dos Ministérios”, which is the center of the Brazilian government, located in the heart of the city. The organizers will provide several large tents with different amenities, such as: professional masseurs, score keeping desk, freshly baked pizzas, other type of foods, drinks and a stage for live music on the first and last day of the event. In addition to the above, there will be several local vendors selling snacks, coconuts, all kinds of drinks and souvenirs. Portable chemical toilets will be available for the participants and the public in general.

8 - Task Flying Area

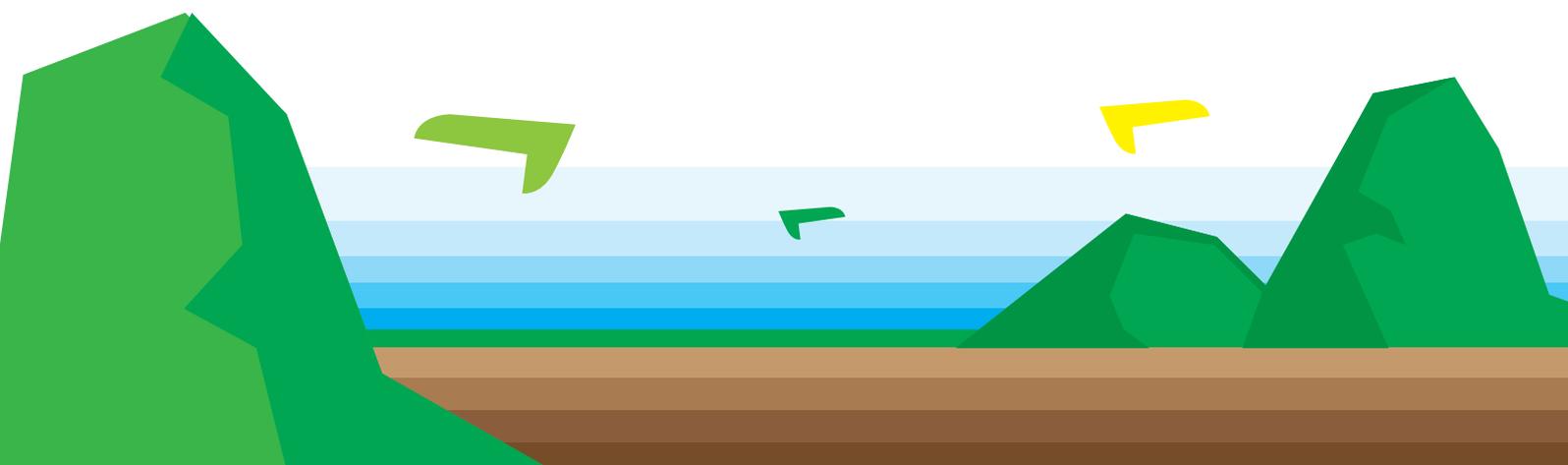
Brasília has the perfect task flying area: It is large, with flat lands and landing areas almost everywhere. There are paved roads near most of the waypoints, which also have flat and clear landing areas. There are good quality roads for retrieve and no traffic problems. There is an airport close to the area; however, the organization and the local club have a very good relationship with local authorities and already have an agreement with them for hang gliding competitions. There is a Notam issued, which allows us to use the airspace, as every year, during the month of August. Even if we have some alternative goals, the main one is going to be the “Esplanada dos Ministérios”, because it is close to the headquarter, within minutes of the hotels and it provides an excellent opportunity for media exposure.

9 - Airspace

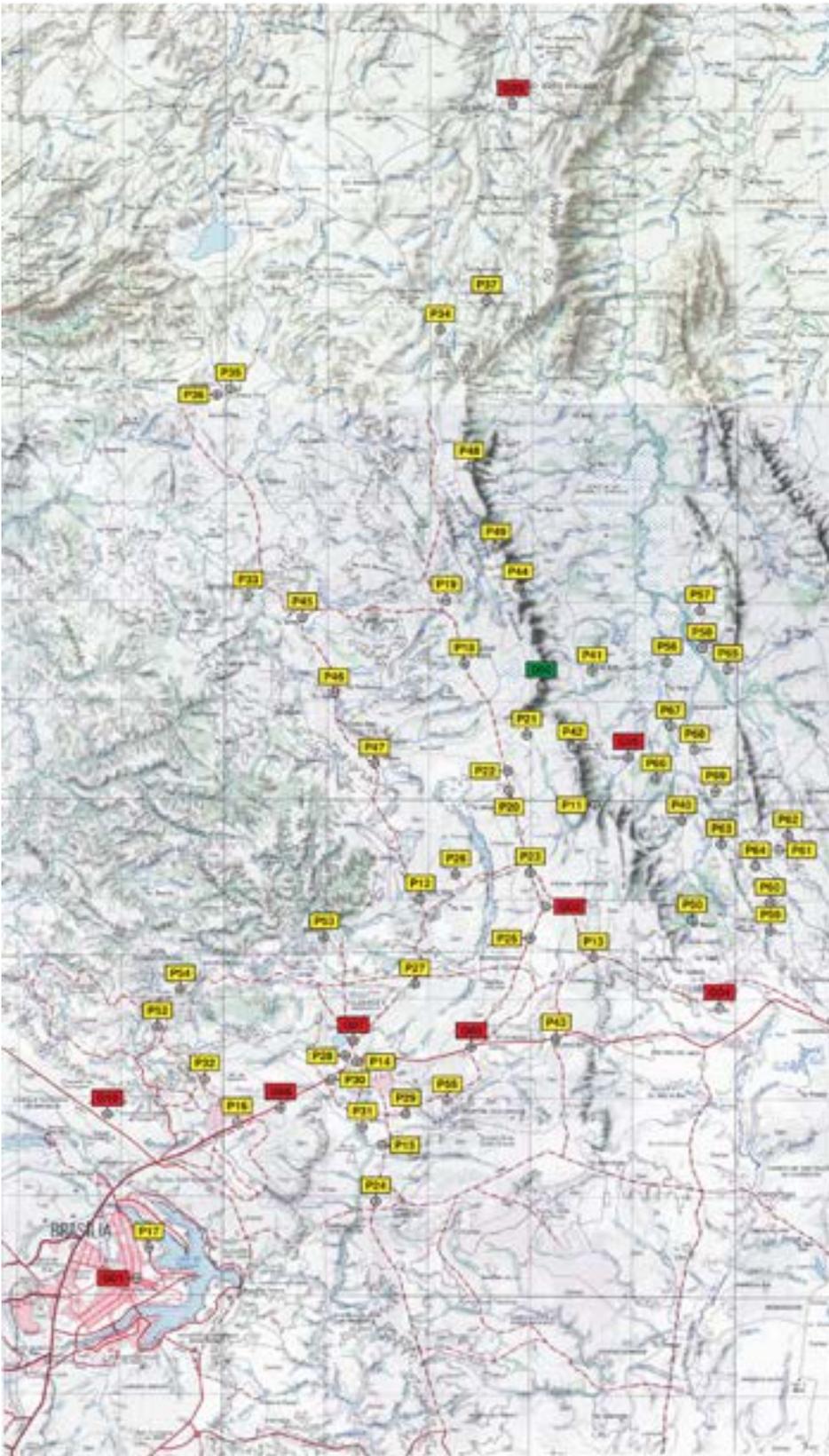
There are no restrictions above the launch area or around the turnpoints. On the final glide to the main landing zone, the pilots may fly close to the TMA Brasilia’s International Airport; however, a Notam will be issued for this event, as it has been the case every year for the Brazilian nationals, assuring a safe meet to all pilots involved. There are no prohibited areas, frontier crossings or any other major difficulties within the competition flying area.

10 - Safety Issues

Brasilia is known as a safe place for flying hang gliders with constant winds and almost no hills to generate turbulence; there is a nice natural launch and plenty safe landing fields. In the past 5 years there was one fatality; it happened in 2011 during the Brazilian Nationals, after a glider collapsed, followed by a tumble with no reserve deployment, which could be related to the pilot fainting due to a glider failure.



11 - Maps of task area



Nº	Local	Altitude	Coordenadas
000	KAMPA	1240 m	15.410 -47° 30.201
001	DOL ESPERANÇA	1020 m	15.747 -47.080 -47° 32.877
002	MOTEL AVALANCIA (T)	1120 m	15.777 -47.004 -47° 30.188
003	SÃO JOÃO ALIANÇA	1000 m	14.743 -47.000 -47° 31.000
004	AEROPORTO FORMOSA	500 m	15.733 -47.077 -47° 30.775
005	TREVO ALTO PARÁ	1040 m	15.745 -47.077 -47° 34.300
006	TREVO FIGUEIRA	813 m	15.718 -47.077 -47° 25.540
007	ARADO LAGOA	870 m	15.747 -47.082 -47° 45.750
008	LUZ VERMELHA	1190 m	15.747 -47.111 -47° 44.790
009	SOL PÁSSO	1080 m	15.747 -47.082 -47° 30.200
010	FOLDO PLATO	1300 m	15.747 -47.082 -47° 54.191
P11	CADEIRA INGA	1060 m	15.719 -47.077 -47° 27.032
P12	DEP. BRASILEIRA	1020 m	15.719 -47.077 -47° 27.030
P13	TREVO PINHAU	1170 m	15.733 -47.077 -47° 27.897
P14	TREVO PLANA TINA	963 m	15.719 -47.077 -47° 45.549
P15	ESTRELA VALE DO	940 m	15.747 -47.077 -47° 38.247
P16	ESTADO SOBRADO	1040 m	15.747 -47.077 -47° 47.114
P17	UMÉ	1030 m	15.747 -47.077 -47° 51.889
P18	CAMPO FLORESTA SA	1230 m	15.747 -47.077 -47° 34.481
P19	TREVO	1180 m	15.747 -47.077 -47° 35.426
P20	A. POSTO GASOL	1180 m	15.719 -47.120 -47° 32.127
P21	SALTO SERRA	1000 m	15.747 -47.114 -47° 38.189
P22	A. PÁSSO ROSA	1180 m	15.719 -47.077 -47° 32.184
P23	TREVO LAGOASINHA	1140 m	15.747 -47.077 -47° 31.000
P24	TREVO RAJONINA	940 m	15.747 -47.077 -47° 39.624
P25	POSTO FISCAL IAS	1120 m	15.747 -47.077 -47° 31.000
P26	OLARIA BRASILEIRA	1050 m	15.747 -47° 35.073
P27	TREVO BARROBRANCO	980 m	15.719 -47° 37.348
P28	CASA DA LAGOA EM	950 m	15.747 -47° 41.183
P29	SALTO NIQUEL RUI	910 m	15.719 -47° 37.000
P30	POSTO CENTRAL ENR	920 m	15.747 -47° 41.507
P31	CAFEEIRAS	1060 m	15.747 -47° 38.200
P32	FOCO DE CENOURA	1060 m	15.747 -47° 48.873
P33	CORREGO RIO JARI	140 m	15.719 -47° 48.294
P34	TREVO GALPÕES	1050 m	15.747 -47° 38.872
P35	ANTENA AGUA FRIA	1330 m	15.747 -47° 47.000
P36	TREVO AGUA FRIA	940 m	15.747 -47° 47.799
P37	NORDE TELEFONIA	1180 m	15.747 -47° 30.000
P38	MATO SECO (CAMPO	830 m	15.747 -47° 01.307
P39	MEXICO (TORREJAN	830 m	15.747 -47° 00.763
P40	FAZ	830 m	15.747 -47° 22.144
P41	FAZ	810 m	15.747 -47° 27.821
P42	KAMPA DORAM	1120 m	15.747 -47° 28.422
P43	TREVO	1070 m	15.747 -47° 28.789
P44	PLATAU NORTE II	1250 m	15.747 -47° 31.000
P45	TREVO BARREIRAS	880 m	15.747 -47° 43.250
P46	FAZ	960 m	15.747 -47° 41.600
P47	FAZ	940 m	15.747 -47° 38.457
P48	PLATAU 20 KM	1280 m	15.747 -47° 34.157
P49	PLATAU 15 KM	1330 m	15.747 -47° 32.889
P50	FAZ	730 m	15.747 -47° 22.200
P51	POCO ABAL	1000 m	15.747 -47° 00.200
P52	PLAN	830 m	15.747 -47° 51.400
P53	MADRUGA	1060 m	15.747 -47° 42.389
P54	FERRAL	850 m	15.747 -47° 50.183
P55	DUST LAND	1120 m	15.747 -47° 38.887
P56	FAZ 3 FLORES	1250 m	15.747 -47° 25.425
P57	FAZ SIBORCH	980 m	15.747 -47° 21.000
P58	FAZ SALOBRO	875 m	15.747 -47° 21.673
P59	ROCA DA ONÇA	780 m	15.747 -47° 17.887
P60	SEJURIC II	880 m	15.747 -47° 17.963
P61	FAZENDA	980 m	15.747 -47° 17.887
P62	FAZ NDA	980 m	15.747 -47° 18.804
P63	FAZ FM DE UNHA	940 m	15.747 -47° 20.373
P64	SANHO DE AÇO	840 m	15.747 -47° 18.731
P65	FAZENDA V	1000 m	15.747 -47° 20.127
P66	ENTRADA FAZ NDA	910 m	15.747 -47° 34.000
P67	FAZENDA DIREITA	980 m	15.747 -47° 22.389
P68	FAZ	410 m	15.747 -47° 21.889
P69	FAZ PE DA BERRA	840 m	15.747 -47° 38.889



13 – Rescue/Medical Services

Accident rescue services in Brasilia are provided by the “Corpo de Bombeiros”, which is the city’s Fire Department. Their rescue service is fully professional and free of charge, with a response time of approximately 20 minutes to the launch area by helicopter.

The “Corpo de Bombeiros” will assign two fully staffed ambulances, one remaining on stand-by at the launch area, and the other one at the official landing zone.

Press release of a hang gliding eventuality:

<http://www.pilotopolicial.com.br/piloto-de-asa-delta-sofre-queda-e-e-resgatado-em-brasilia>

The Safety and Rescue Director will work closely with the “Corpo de Bombeiros”, reviewing the tasks with them on a daily basis; he will also follow the task course by ground, keeping constant communication with the Meet Director.

14 - Police, Military and Public Services Liaisons

All hang gliding events in Brasilia are fully supported by the police and public services, which provide security, safety and logistical help for the event.

15 - Insurance

All pilots must have third party insurance covering hang gliding, as well as personal accident coverage valid for competitions.

The organizers and the NAC will provide an alternate insurance for the competitors, for those who will not have it. There will be a link with insurance information on the website.

Note: the public hospitals in Brazil will provide free health care to all participants in case of emergencies and no health insurance is required for its use.

16 – Communication

Radios

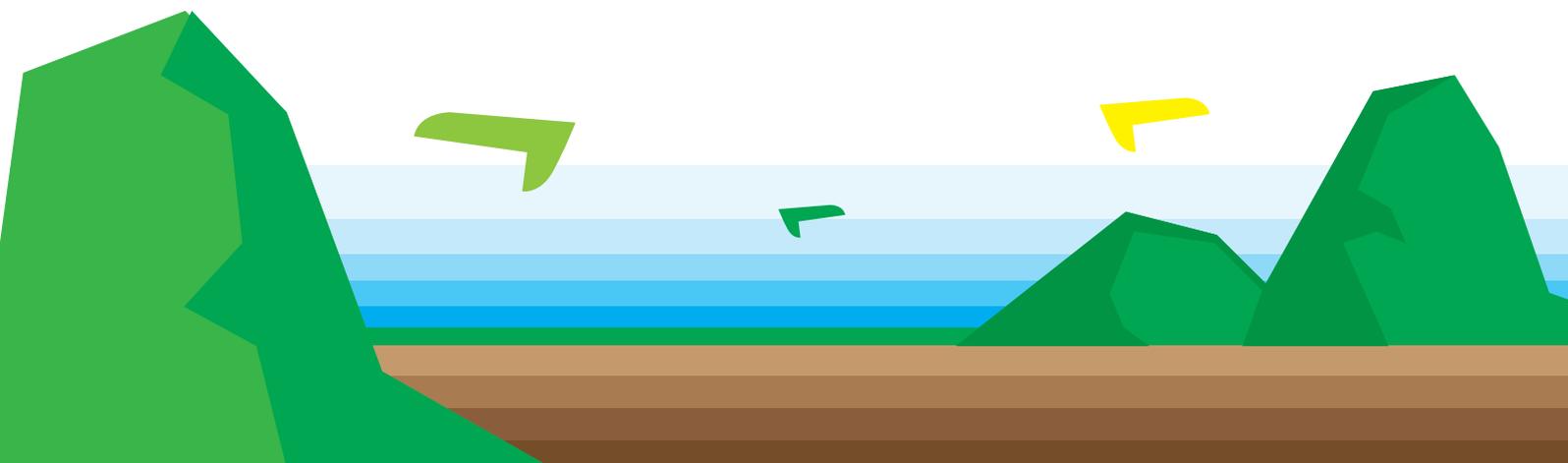
The radios used are 2m VHF; the organization will officially inform the authorities about the frequencies being used as well as the number of radios being used for the meet.

Live Trackers

The organization has had a partnership, during previous events, counting with the cooperation of the local representative of the SPOT tracking devices (SPOT LLC. GLOBASTAR DO BRASIL) and is willing to continue this partnership with them for the World Championship. This way competitors who do not have their own Spot tracker, will have access to one during the competition.

Mobile/Cell Phone Coverage

Almost all the course has cell phone 2G and 3G coverage, resulting in easy communication between the pilots, their crews and the organizers. It is recommended that pilots bring unlocked quad band GSM cell phones and purchase local prepaid SIM card, which is fairly inexpensive. Information will be available on the website.



17 - Weather

During the time frame proposed for the meet, mid August, the weather is spectacular for the sport. The rainy season starts in October and ends in April, making August the best time to fly in Brasilia, as it is the driest month of the year, averaging lows around 15% humidity and temperature ranging from 30°C during the day down to 15°C at the chilly nights. Cloud base normally lies between 2,000 and 3,500m AGL.

The best time of day to open the launch window is around noon, with good thermals to hold pilots in the air. The thermals start weakening around 5:00pm, allowing a window of 4 to 5 hours for the tasks to be flown.

Our local regulations set the maximum take off winds at 40 km/h, including gusts and measured at launch.

18 - Meteorology

The organizers will have an experienced meteorologist who will evaluate the daily data from several trustful weather forecast entities and will present a complete summary during the daily task briefings.

The organizers will also provide a Weather Station, to be set up at launch, which will be used constantly to evaluate the micro-climate conditions at take off.

19 - Event Headquarters

The Headquarters will be located at the center of Brasilia, in a hotel area. All hotels have complete infra-structure, such as conference rooms, different types of accommodations and the whole structure to fulfill all the needs and requirements of an FAI Category 1 championship.

20 - Local facilities

The city of Brasilia offers a large variety of facilities as it is common in any big city, such as taxi or bus transportation, hotels, restaurants, clubs, shopping malls, hospitals, airport and many more.

The average price of hotels are between 25€ and 125€; we are sure that all the pilots will be able to find a nice accommodation at a fair price and we are negotiating with hotels to have a nice deal for everyone.

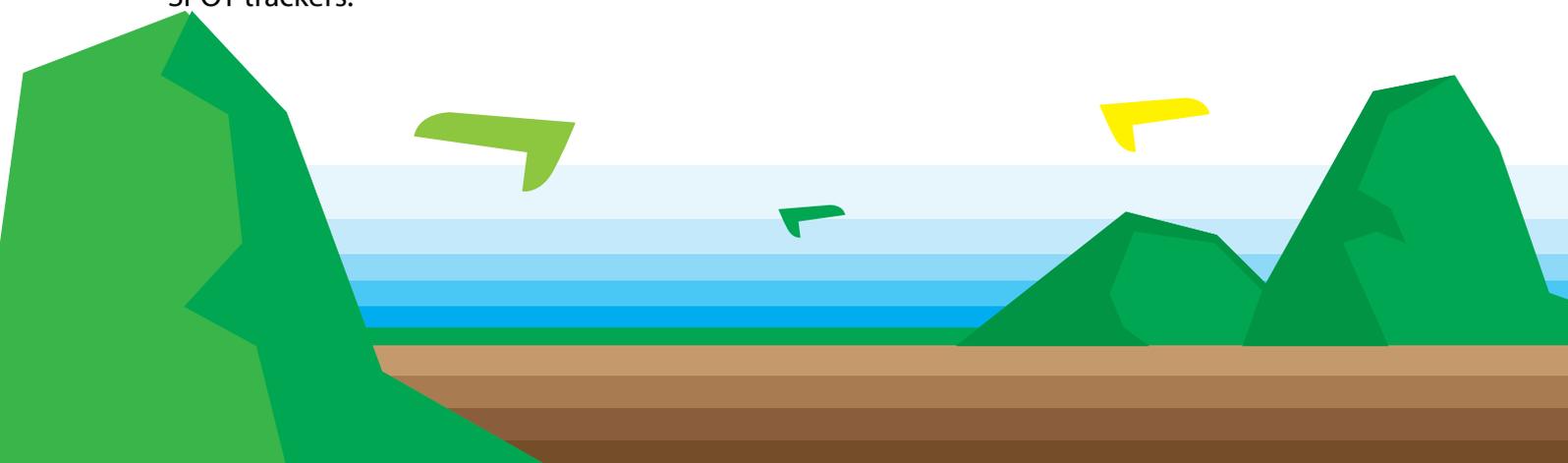
There is no camping at the city.

21 - Media Coverage, Publicity and Sponsorship

The event will hire a specialized press agency to handle all the media coverage and exposure before, during and after the event. The press releases will be directed to local, national and international press. Moreover, sponsors will also be involved in doing advertisement for the event.

There will be a specific website of the event with all the information for the participants, the teams and the public in general; social media will also be used for the competitions.

The event can be followed online since athletes communicate their positions through the SPOT trackers.



22 – Competition Website

The website of the competition will be developed in order to be user friendly, to focus all the necessary information of the event in a clear manner for the pilots and teams plus it will provide the online registration information and forms.

23 - Organizers, Directors and Key Officials

Event Organizer – Betinho Schmitz was a professional pilot for 15 years, sponsored by companies like RED BULL Energy Drink, Mitsubishi Motors, Mormaii Sportswear and BAD BOY Sportswear, he has extensive experience in sports marketing. Betinho has already organized the South Brazilian Hang Gliding Championship three times and was one of the organizers of the RED BULL Giants of Rio in 2004. Betinho lives in Brasilia and speaks Portuguese, English and Spanish.

Meet Director – Dioclecio Rosendo de Lima Filho is a hang gliding pilot since 1996 and a paraglider pilot since 2009. Dioclecio has been the Meet Director for the Hang Gliding and Paragliding Nationals since 2012. He worked at the FAI Paragliding World Meet in Governador Valadares, the FAI Pan-American Paragliding Championship at Castelo, the PWC at Poços de Caldas, the XC-Open World Series Paragliding at Araxá and all the Paragliding Nationals since 2006. He is Brazilian and speaks Portuguese, English and Spanish.

Safety Director – Sergio Galvani is a hang gliding pilot since 1999 and last year he was appointed responsible of the safety issues for the Brasília Nationals; he speaks Portuguese, English and Spanish.

Chief Launch and Goal Marshal - Ricardo Ortega lives in Brasília, he is a hang gliding pilot since 1984, knows the local conditions very well and always works in the organization of local events.

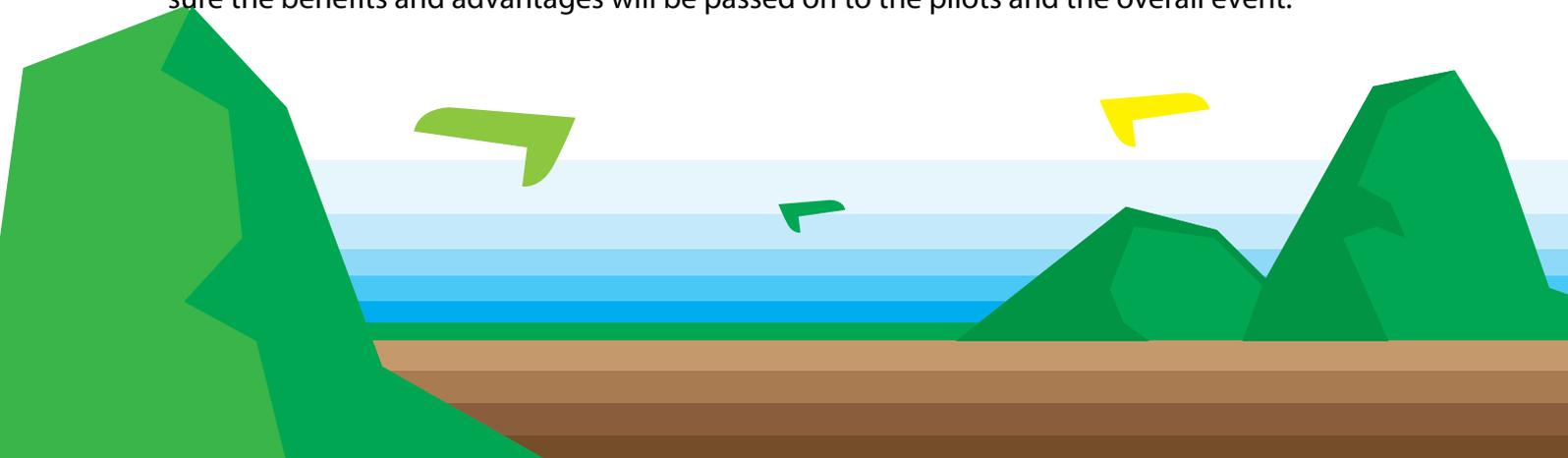
Meteorologist – Cid Maestrini is from Belo Horizonte and is a hang gliding pilot since 1985. He has a vast experience with weather forecasts, including a trip around the world on a sailboat. Cid has been in charge of the weather forecasts for the last 3 years of the Brazilian Hang Gliding and Paragliding Championships with an excellent and accurate weather prediction percentage. Cid speaks English, Spanish and Portuguese.

Scorer – Claudio Veloso is Brazilian, he has been responsible for the scores of the Brazilian Nationals since 2000 and was also responsible for the scores during the World Hang Gliding Championship in 2003, held in Brazil. He speaks Portuguese, English and Spanish.

Media and Communication Director - Caio Salles is Brazilian, flies paragliders, worked many years for ESPN Brazil, and he speaks English, Spanish and English.

24 - Finance and Sponsorship

There are several companies in the private sector, plus the local and federal governments that have expressed their interest in sponsoring the event as has been the case in previous events. At the moment, it is difficult to determine what percentage they will invest, but for sure the benefits and advantages will be passed on to the pilots and the overall event.



25 - Entry Fee for the Category 1 Championship

The entry fee for the World Hang Gliding Championship 2017 will be 500€ per pilot and 250€ per Team Leader/Assistant. The fee includes competition entry, maps, entry to the official competition events, entertainment events provided by the organizers, competition t-shirt, sponsor gifts and fresh fruits and cold drinkable water at launch area.

26 - Pilot Entry and Team size

Subject to CIVL approval we wish to accept a maximum of 150 pilots; team size and allocation process will be according to FAI Category 1 rules.

27 - Guest pilots policy

In case of not achieving 150 competing pilots, the organization will consider admitting guest pilots; the policy on this matter will be described on the local regulations.

28 -Visas and Vaccinations

There are specific requirements for travelling to Brazil, therefore, on the official website we will have relevant information concerning visas and vaccinations, as well as links for the pilots, assistants and families to refer to.

29 - Customs and Temporary Equipment Importation

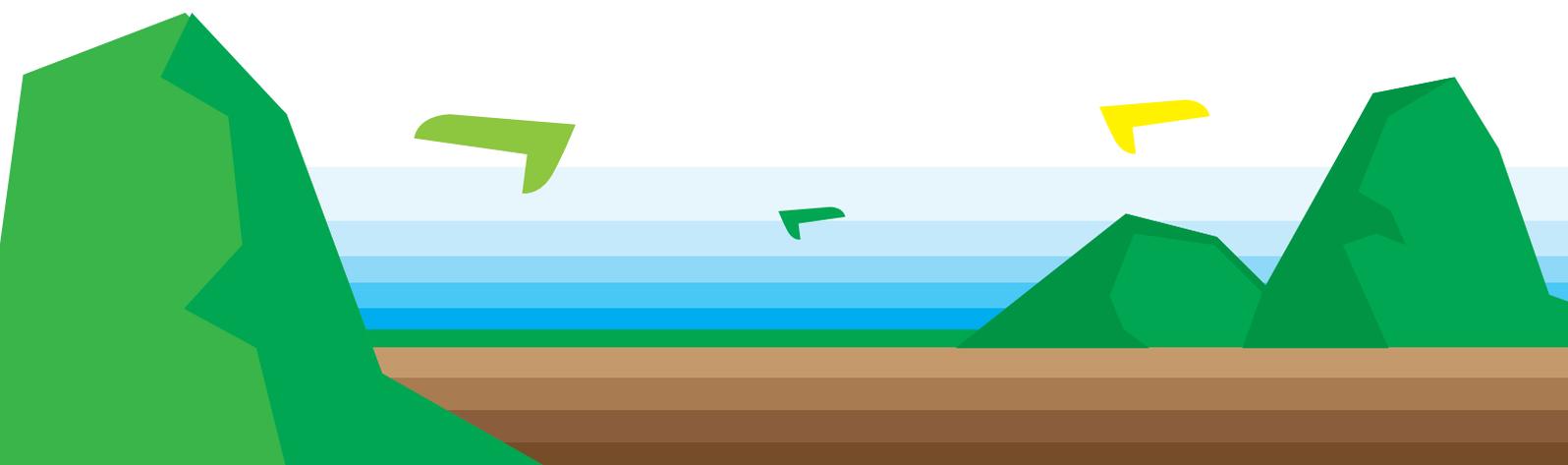
The organization of the event will make all the necessary arrangements with the Regional Superintendent of the IRS in order to facilitate the temporary admission of the equipment used during the competition.

30 - Early arrivals / Training in the Area

There is no restriction for early arrivals and training previous to the events; those interested in travelling well before the event are more than welcome to do so. Several pilots from different regions of the country often fly to Brasilia between the months of June and September for free flying. Moreover it will be easy for these pilots to find a local experienced driver for retrieve.

31 - Test Event

It will be an FAI Category 2 Open event held from August 7th thru the 20th 2016, probably together or right after the Brazilian Nationals.



Projected Budget for the 21st World Hang Gliding Championship 2017 - Brasilia - Brazil

EXPENDITURE	VALUES	NOTES
PREPARATION (over 2 years)	8.360 €	
Administration, post & bank charges, stationery	2.000 €	
Travel expenses for organisers, volunteers	3.560 €	Meetings with co-financiers, suppliers, authorities etc
Setting up & maintaining website	2.800 €	Design, hosting etc
COMPETITION	41.920 €	
FAI Officials (5): Travel, accommodation, meals, daily allowance, car rental	4.120 €	Accommodation will be sponsored by partner hotel
Rental of suitable HQ building/rooms/marquee for briefings (180 people+), meeting rooms, scoring room etc.	3.000 €	Meeting room and scoring will be sponsored by partner hotel
Rental/buy IT & equipment for HQ, launch, goalfields/target etc	5.000 €	
Road, airspace, turnpoint maps for pilots, team leaders & HQ	1.000 €	
Tshirts		Will be provided by sponsor - Sportswear Company
Trophies, day prizes, gifts for pilots	2.000 €	
Transport	3.900 €	
Medical services (doctor, paramedic, ambulance etc)	5.000 €	
Rental & cleaning of portable toilets	4.900 €	14 T X 14 d X 25,00
Option: Weather forecasting (presentations, daily soundings etc)	2.000 €	
Fruits or snack/water for pilots/TLs	5.000 €	
Contingency	6.000 €	
PERSONNEL	34.200 €	
Fees for Meet Director, Safety Director, Event organiser, Launch Marshal, Scorer etc.	27.500 €	
Food/expenses for organisers, staff, volunteers, helpers 15 days	6.700 €	
CEREMONIES & SOCIAL EVENTS	8.500 €	
Opening & Closing Ceremonies	6.500 €	
Other social events (bbq, live music evening etc)	2.000 €	
MEDIA & PROMOTION	12.000 €	
PR or Press person/services prior to & during event	2.000 €	
Official blogger, photographer, video cameraman, film maker	2.000 €	
Film of the event for promotion of sport, region etc	5.000 €	
Promotional items: stickers, pens, mugs, postcards etc	1.000 €	
Press hospitality, local media coverage, souvenir programme, newsletters, advertising etc	2.000 €	
TOTAL EXPENDITURE	104.980 €	

PROJECTED INCOME		
Pilot fees	60.000 €	Projection 120 pilots X 500 € entree fees
Team leader fees	5.000 €	20 T L x 250 €
Grant from county or region	5.000 €	Secretaria de Turismo do Distrito Federal
Grant from government sport department or similar	18.000 €	Ministério dos Esportes
Sales of promotional items	2.960 €	T-shirts provided by the sportswear company
Sponsorship	14.020,00 €	See FAI rules on sponsorship
TOTAL INCOME	104.980,00 €	

Notes:



Brasília, October 2nd 2014

Betinho Schmitz
Event Director

Francisco dos Santos
President of ABVL

