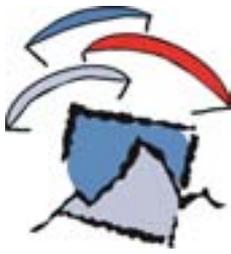


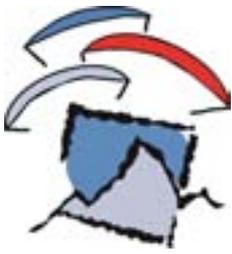
# AUSTRIAN BID



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## INDEX

Event		
	Event	3
	Purpose	4
Official Supports		
	Austrian Aero-Club	5
	Tourism association of Werfenweng	6
	Authority of Werfenweng	7
	Mountain railways Werfenweng	8
	Paragliding school Werfenweng	9
About Werfenweng		
	Location	10
	Access	11
	Werfenweng / Landscape	12
Flying sites		13
	Take off Bischling	14
	Official Landing zone 1	15
	Take off Trattberg	16
	Regulations	17
	Task area	18
	Task options	19
	Alternative location	20
	Emberger Alm / Greifenburg	21
	Weather	22
Organisation		
	Headquarters	23
	References	24
	Organisation Team XC World Championship	25
	Organisation Team Accuracy World Champ.	27
	Budget	28
Pilots Information		
	Entry fee XC World Championship	30
	Entry fee Accuracy World Championship	31
	Competition rules and regulations	32
	Insurance / Safety	32
	Web site – Championship Information	32
	Communications Radio / Cell phone	33
	Livetracking and more	34
	Entry to Austria / Visas	38
	Accommodations	39
	Environment	40



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

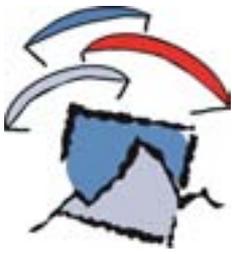
## EVENT

Name **XVI FAI WORLD PARAGLIDING CROSS COUNTRY CHAMPIONSHIP  
and  
X FAI WORLD PARAGLIDING ACCURACY CHAMPIONSHIP**

Location Werfenweng, County of Salzburg, Austria

Dates June 23rd to July 6th, 2019





# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

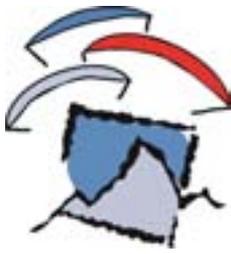
## PURPOSE

The purpose of the championship is to provide a good, safe, and satisfying flying contest in order to determine the World Paragliding Champions, and to strengthen the friendship among pilots and nations.

The combination of the two disciplines (Cross Country and Accuracy) should cross-fertilize and should bring even more public awareness for the paragliding sport.

This is a two-bid-combination, which is not possible to separate. This would be against one of our main targets to bring the different disciplines together. No Cross Country World Championship without Accuracy World Championship and no Accuracy World Championship without Cross Country World Championship.





# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

**110 JAHRE IN DER LUFT**  
ÖSTERREICHISCHER AERO-CLUB  
A-1040 WIEN, PRINZ EUGEN-STRASSE 12



ZVR: 770691831

To  
Stephane MALBOS  
President CIVL / FAI  
Maison du Sport Internationale  
Av. De Rhodanie 54  
1007 Lausanne

Vienna, October 2016

Dear Mr. President,

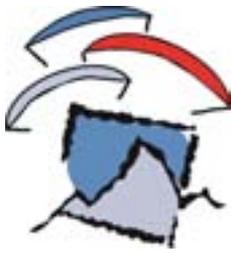
the Hang- and Paragliding Club „Flugsportclub Ikarus Abtenau“, member of the Austrian Aero-Club, bids for the 16<sup>th</sup> FAI World Paragliding Cross Country Championship and the 10<sup>th</sup> FAI World Paragliding Accuracy Championship 2019 to be carried out in Werfenweng, Salzburg, Austria from June 23<sup>rd</sup> to July 6<sup>th</sup>.

The Austrian Aero-Club, National Aeronautical Association, approves and supports this bid for 2019, which will be presented at the next CIVL-Meeting 2017 in Salzburg, Austria.

Best regards

Ing. Manfred Kunschitz  
Secretary General

**AUSTRIAN AERO-CLUB**  
Prinz Eugen-Straße 12  
1040 Vienna  
Phone: +43 / 1 / 505 10 28  
Fax: +43 / 1 / 505 79 23



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

To the  
Fédération Aéronautique Internationale  
President Stephane Malbos  
Maison du Sport Internationale  
Av. De Rhodanie 54  
1007 Lausanne



Werfenweng, September 2016

## **Support for the 16<sup>th</sup> World Paragliding Cross Country Championship and 10<sup>th</sup> World Paragliding Accuracy Championship 2019**

Dear ladies and gentleman!

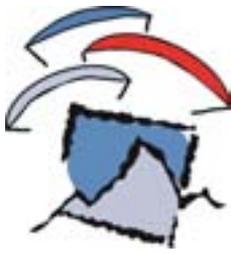
Paragliding has become a very important topic for the Tourism in Werfenweng and we are proud, to have with the Bischling one of the most popular paragliding areas in Austria. We are very happy, that the Austrian Aeroclub and the Paragliding Club "Flugsportclub Ikarus Abtenau" intend to hold the World Paragliding Championships in Cross Country and Accuracy 2019 in Werfenweng.

We fully support this application and believe Werfenweng will be the ideal place for the competitions. Together with all stakeholders, we will ensure that the Championship will be a celebration for the athletes, officials and visitors.

With best regards

Alexandra Hosp MBA  
Tourism Director of Werfenweng





# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria



## GEMEINDEAMT

5453 Werfenweng  
Bezirk St. Johann i. Pongau  
T. 06466 / 414, F. 06466 / 414 - 14

Werfenweng, September 2016

Bürgermeister Dr. Peter Brandauer  
E-Mail: [buergemeister@werfenweng.gv.at](mailto:buergemeister@werfenweng.gv.at)

To the  
Fédération Aéronautique Internationale  
President Dr. John Grubbstrom  
Maison du Sport Internationale  
Av. De Rhodanie 54  
1007 Lausanne

### Support for the World Paragliding Championship 2019

Dear Mr. President!

Mr. Stefan Brandlehner informed us about the application of the Paragliding Club Ikarus Abtenau to hold the 16th FAI Paragliding Cross Country World Championships and Accuracy Word Championships in 2019 in Werfenweng and the Bischling. As mayor of Werfenweng I can guarantee you, that we will support the Paragliding Club Ikarus Abtenau in their efforts to hold the World Championship and in organizing the event.

Together with the Paragliding Club, the mountain railways Werfenweng, the local Paragliding school Austriafly, the Tourism association and the local authority of Werfenweng we will do the best, to organize interesting side events, which fits the needs of the competition and the paragliding community.

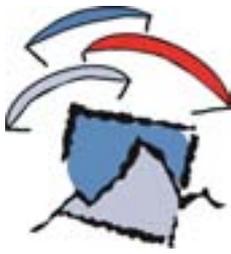
Sincerely

Dr. Peter Brandauer  
Mayer of Werfenweng



E-Mail: [gemeinde@werfenweng.gv.at](mailto:gemeinde@werfenweng.gv.at)  
Net: <http://www.gemeinde-werfenweng.at>  
DVR: 099279, UID: ATU38641403





# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

Unterstützungserklärung Bergbahnen Werfenweng

To the  
Fédération Aéronautique Internationale  
President Stephane Malbos  
Maison du Sport Internationale  
Av. De Rhodanie 54  
1007 Lausanne

**WERFENWENG**

Ski, Board, Wandern, Fliegen.

Bergbahnen Werfenweng GmbH  
Weng 149 - A-5453 Werfenweng

Tel. +43 (0) 6466-614-0  
Fax +43 (0) 6466-614-12

office@bergbahnen-werfenweng.com  
www.bergbahnen-werfenweng.com

Schneetelefon: +43 (0) 6466-614-10

Werfenweng, September 2016

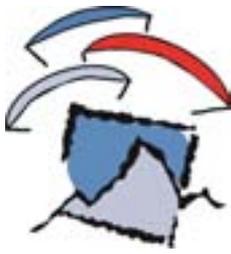
**Support for the  
16<sup>th</sup> World Paragliding Cross Country Championship and  
10<sup>th</sup> World Paragliding Accuracy Championship 2019**

The Bischling at Werfenweng is one of the most favourite paragliding areas in Austria. From beginning of Mai until end of October and from December to Easter we transport thousands of pilots with our cable car. Take off and landing are easily accessible and located close to the cable car. Due to favourable solar radiation, there are also "thermal conditions" in winter and long distance flights are not unusual.

We are very proud, that the Austrian Aeroclub and the Paragliding Club "Flugsportclub Ikarus Abtenau" intend to hold the World Paragliding Championships in Cross Country and Accuracy 2019 in our area. We support this bid and we will help wherever we can. Especially we can provide our launch areas und our large landing field just for the competition. Together with the authority of Werfenweng, the local tourism organisation and the Paragliding School "Austriafly" we can organise a special social program to make the World Paragliding Championships 2019 to a great festival for the whole flying community.

With best regards

  
**WERFENWENG**  
Bergbahnen Werfenweng GmbH  
Weng 149 - A-5453 Werfenweng  
Tel: +43 (0) 64 66-614-0 . Fax -12  
office@bergbahnen-werfenweng.com  
www.bergbahnen-werfenweng.com



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

Flugschule Austriafly  
Sepp und Stefan Rebernig

Weng 211  
A-5453 Werfenweng  
www.austriafly.at



To the  
Fédération Aéronautique Internationale  
President Stephane Malbos  
Maison du Sport Internationale  
Av. De Rhodanie 54  
1007 Lausanne

Werfenweng, September 2016

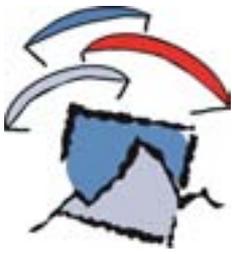
**Support for the  
16<sup>th</sup> World Paragliding Cross Country Championship and  
10<sup>th</sup> World Paragliding Accuracy Championship 2019**

Our Paragliding School Austriafly is located in Werfenweng, Austria. So we are very interested to advertise our great flying area to the community of pilots all over the world. We support the bid of the Paragliding Club Ikarus Abtenau for the 16<sup>th</sup> World Paragliding Cross Country Championship and 10<sup>th</sup> World Paragliding Accuracy Championship 2019.

Every summer Austriafly organises Festivals close to the landing zone in Werfenweng. In 2019 it will be our responsibility to host a fantastic Paragliding Festival in partnership with the most important manufacturers in paragliding, and help to make this important championship an unforgettable event.

We hope to see you in 2019!





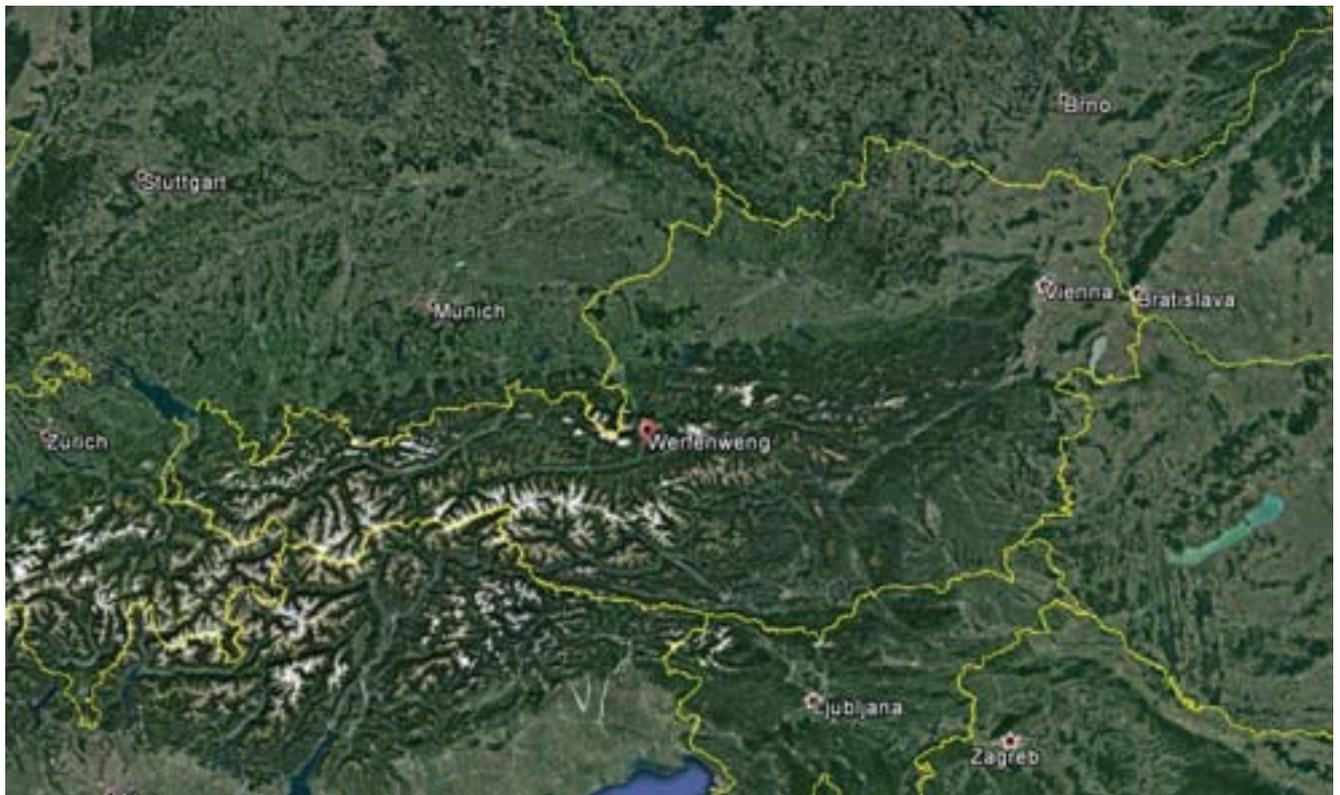
# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

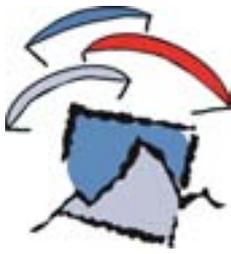


## Werfenweng

Location:  
Country of Salzburg, Austria

Distance to main cities:  
50 km to City of Salzburg  
340 km to Capital City Vienna  
181 km to Munich (Germany)  
219 km to Ljubljana (Slovenia)

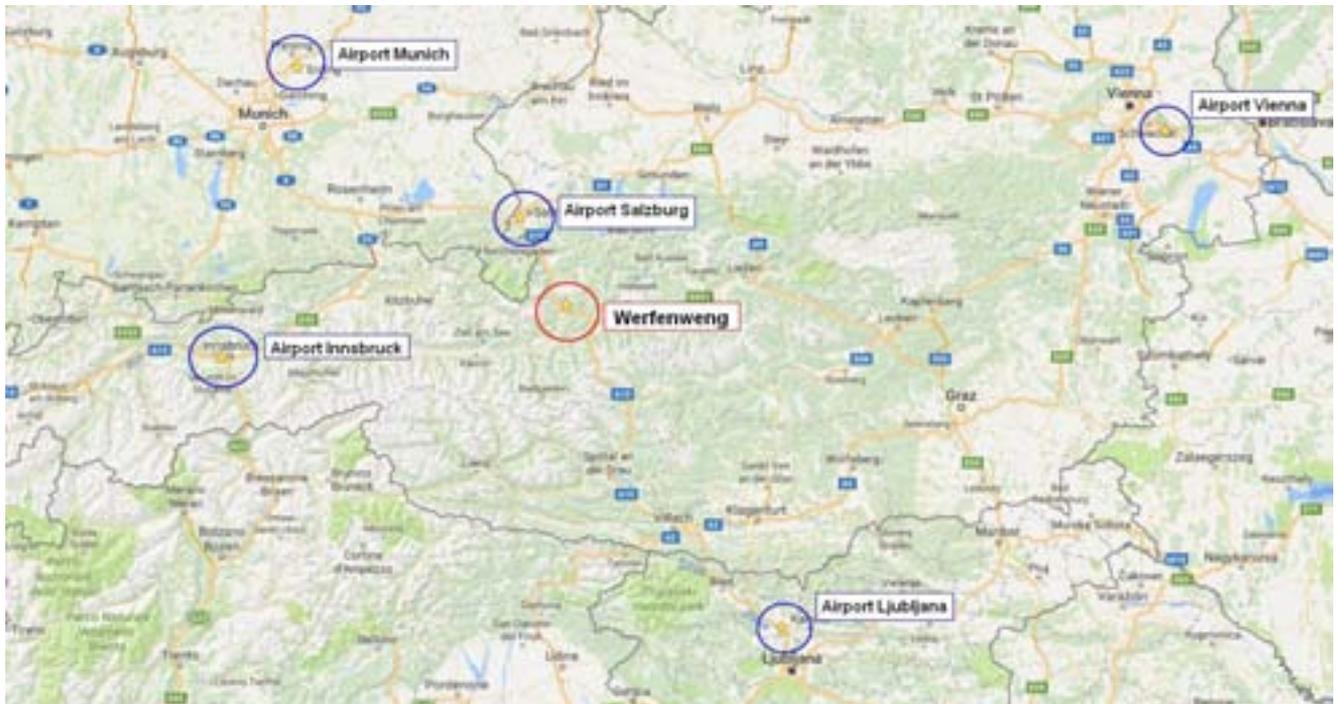




# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## ACCESS

Werfenweng is located on the north side of the Austrian Alps, 40 min. drive to the south from the city of Salzburg. Air connections at the Salzburg airport increase from year to year. The closest big international airport is Munich, about 2,5 hours from Werfenweng.



### By car:

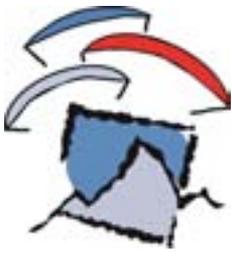
Coming from the direction of Vienna on the A1 or from Munich on the A8, take the A10 (Tauern Motorway) at the Salzburg motorway junction, then take the Exit 43 at Werfen and follow the signs towards Werfenweng.

### By air:

Arrival at the Salzburg W.A. Mozart Airport or the Franz-Josef-Strauss Airport at Munich, take the train to Werfen and continue with public bus services to Werfenweng.

### By rail:

Take the train to Werfen and continue with public bus services to Werfenweng.

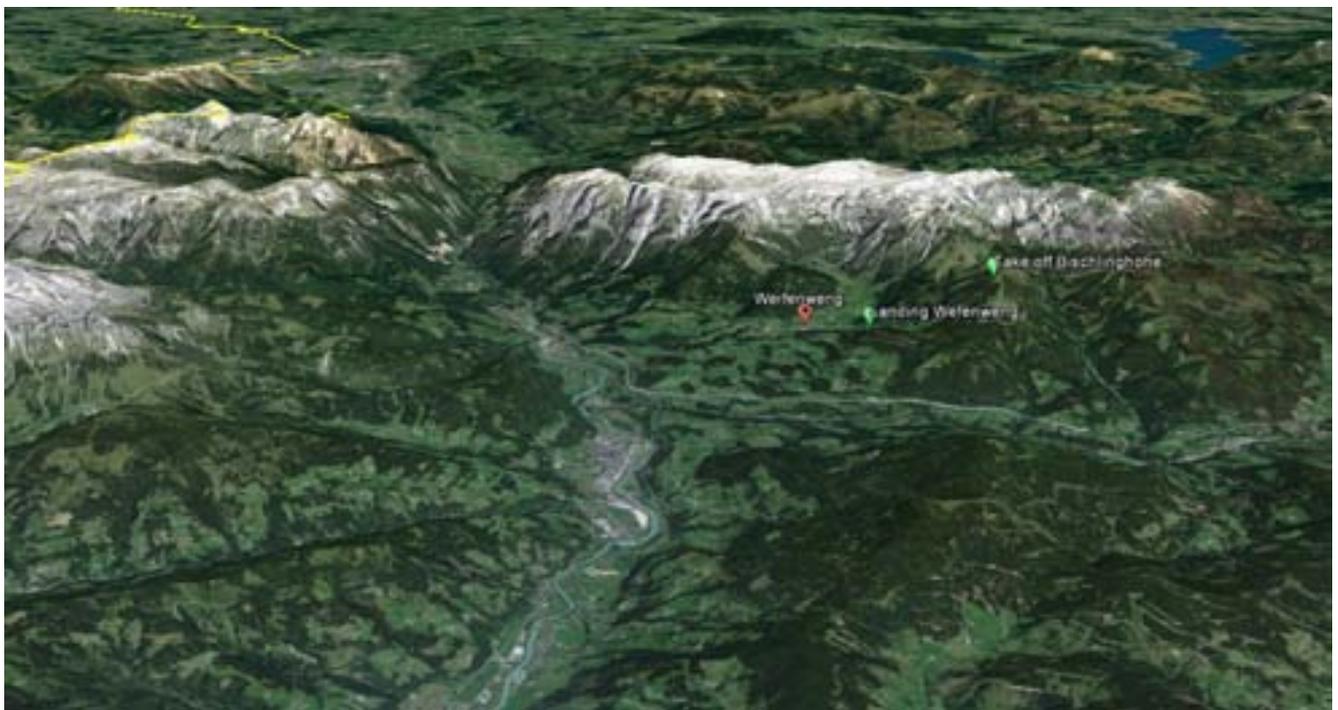


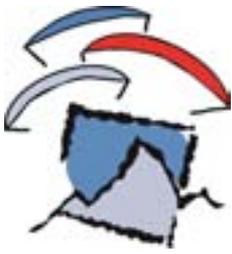
# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## WERFENWENG / LANDSCAPE

Werfenweng is an “all season” tourism village (mainly summer and winter), with a population of about 1.000 and about 2.000 guest beds.

Surrounded by mountains Werfenweng (900m ASL) is situated on the south side of the “Tennengebirge”, a rock massif which is 22 km long and up to 2.600m high. Further to the west on the other side of the valley is the “Hochkönig massif”, peaks up to 2.900m. 20 km to the east is the “Dachstein Glacier”.



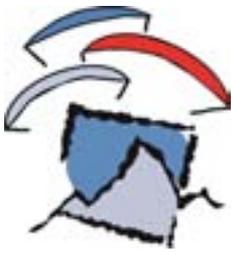


# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## FLYING SITES

The main take-off for both disciplines is the Bischlinghöhe, which has easy access by gondola. The second take-off is Trattberg, which is accessible by road.





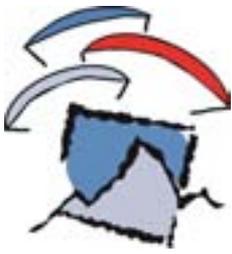
# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## TAKE OFF BISCHLINGHÖHE 47°27'46.98"N / 13°17'50.77"E

Height above sea level	1.832 m
Height above valley	899 m
Take off direction	E, S - NW
Surface	grass
Size	~ 60 x 35 m
Ballast water	available at take off
Power lines or hazards	no
Helicopter landing space	at Take off
Telephone	cellular mobile only
Refreshment	restaurant at take off
Toilettes	at the restaurant
Access	1 min from gondola station
Parking	Big parking at gondola
Distance from HQ	Gondola station 2 min. / 1 km paved road
Transport to take off	by gondola
Thermal activity	Typically 10:30 - 19:30, taskable also with low cloud base
Safety record	Very easy takeoff and smooth thermals.

Due to the many thermal alternatives one of the most popular flying sites in the Salzburg area. Ordered gates will guarantee enough space for both competitions (XC and Accuracy)





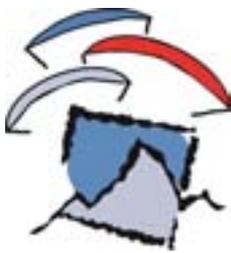
# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

**OFFICIAL LANDING ZONE 1**    47°27'34.04"N / 13°16'10.02"E

Height above sea level	933 m
Valley wind	usual SW 0-5 km/h
Refreshment	restaurant at gondola station and takeoff

The big landing field is located right at the bottom of the Bischlinghöhe gondola. There is enough space for both landing (Cross Country and Accuracy).





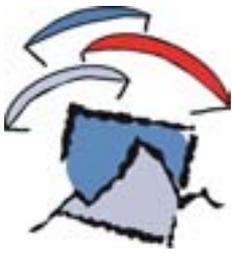
# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## TAKE OFF TRATTBERG

47°38'16.64"N / 13°15'56.65"E

Height above sea level	1.758 m
Height above valley	1.008 m
Take off direction	SE – S – W - NW
Surface	grass
Size	~ 200 x 200 m
Ballast water	available at take off
Power lines or hazards	no
Helicopter landing space	at Take off
Car park	~ 150 vehicles capacity
Telephone	cellular mobile only
Refreshment	available
Toilettes	just next to the take off
Access	10 walking minutes from car park
Parking	10 minutes walking from takeoff
Distance from HQ	50 min. / 25 km paved road from Abtenau
Transport to take off	by bus and mini bus
Thermal activity	typically 10:30 - 15:00, taskable also with low cloud base
Maximum wind speed	7m/s
Safety record	very easy takeoff, no accidents during last events easy, typically not turbulent thermals.

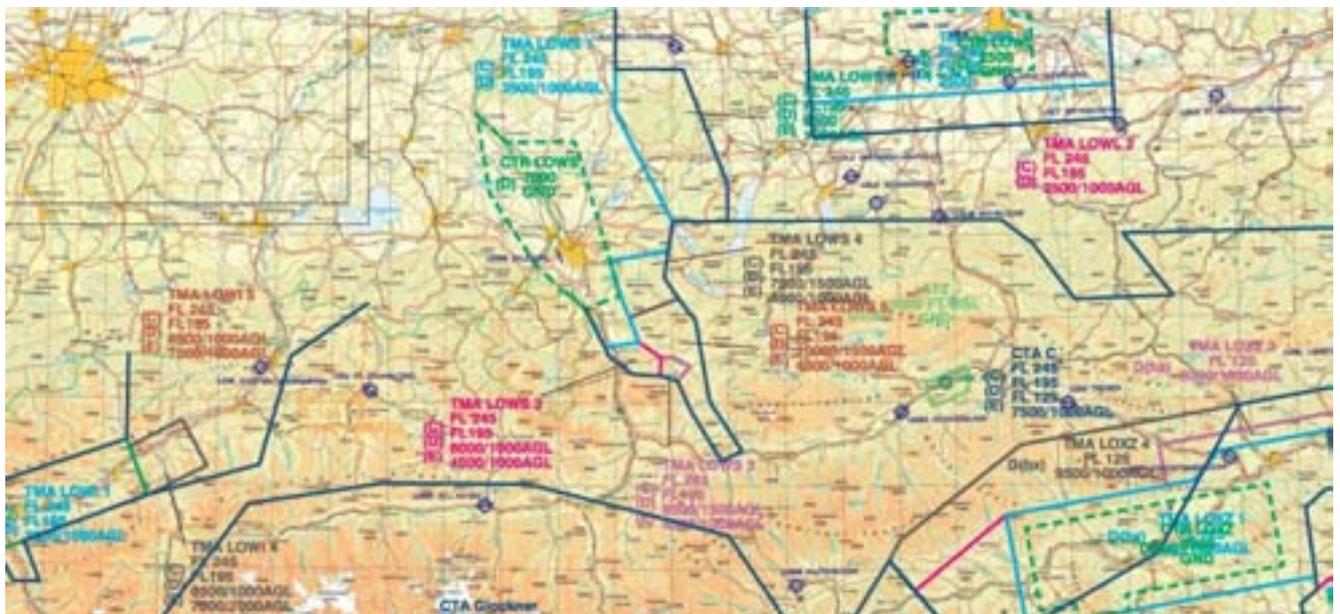


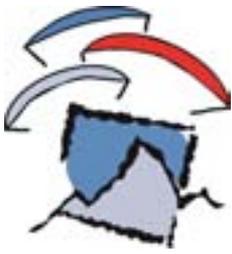


# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## REGULATIONS

The flying zone **Trattberg** is in the TMA LOWS 5 of Salzburg with a maximum altitude of 10.000ft, which is much higher than the usual cloudbase. The flying zone of Bischling is in the middle of the CTA C (FL 125). Tasks distances of more than 150 km are possible from both takeoffs.





# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## TASK AREA



Type and suitability of terrain

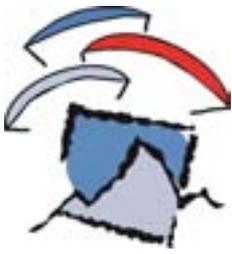
mountain terrain

Wind

light valley winds

Maximum wind speed during task

depends on exact wind direction



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## TARGET AREA FOR ACCURACY

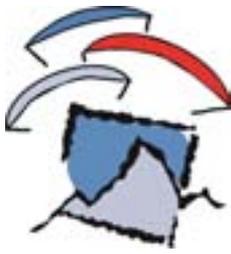
The measuring field for Paragliding Accuracy will have clearly marked circles set at 1m, 2,5m, 5 m.

Results will be live broadcasted for public and on internet.

## TASK OPTIONS FOR CROSS COUNTRY

There are multiple task options from both take offs. Triangle tasks up to 150 km are possible.





# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

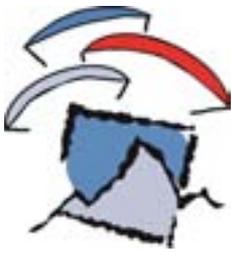
## ALTERNATIVE LOCATION

In case of bad weather on the north side of the Alps we can use an alternative site on the south side of the Alps.

### TAKEOFF EMBERGER ALM 46°46'21.19"N / 13°08'59.35"E

Height above sea level	1.720 m
Height above valley	1.100 m
Take off direction	SE - S - SW
Surface	grass
Size	~ 90 x 50 m - Ordered launch with 5 gates planned
Ballast water	available at take off
Power lines or hazards	no
Helicopter landing space	at Take off
Telephone	cellular mobile only
Refreshment	Kiosk at take off
Access	Mini-Bus
Parking	Parking for 10 Minibuses next to the Takeoff
Distance from HQ	115 min. / 150 km paved road from Abtenau
Transport to take off	by bus and mini bus
Airspace regulations	free until FL145
Thermal activity	typically 11:00 - 19:30, taskable also with low cloud base
Maximum wind speed	7m/s
Safety record	very easy takeoff, some accidents because of typically more than 200 starts per day. Easy, not turbulent thermals.

Due to the many thermal alternatives one of the most popular XC flying sites in Austria.

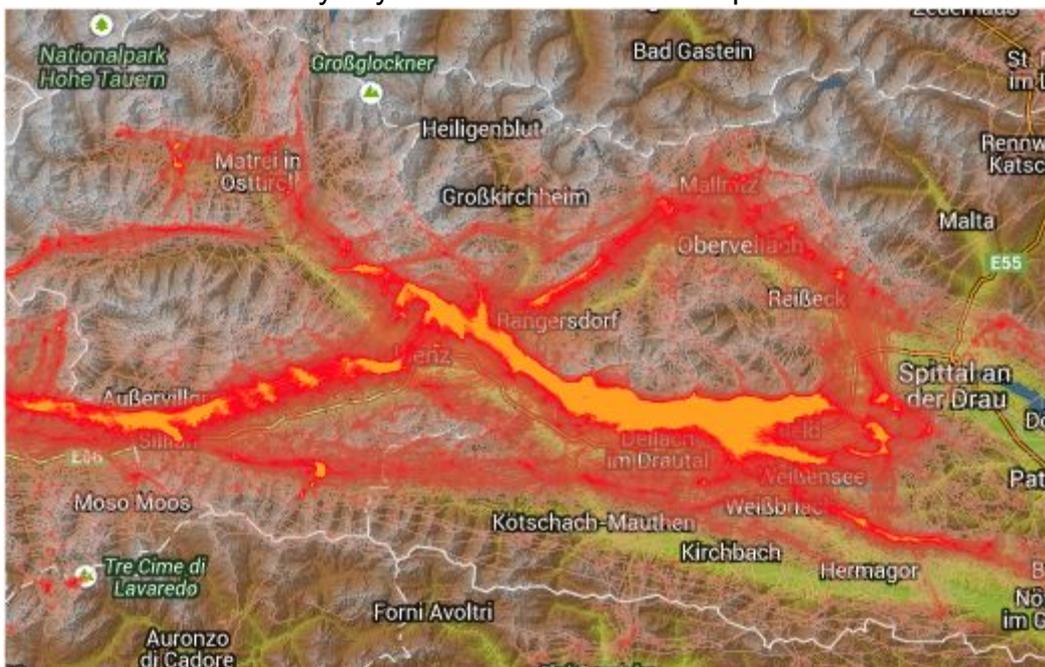


# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

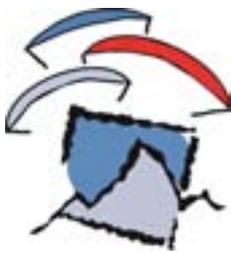
**Emberger Alm / Greifenburg:**



A screenshot of the skyways of the area shows the potential of the site.







# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## HEADQUARTERS

The local authority of Werfenweng is offering their congress hall during the whole time of the competition.

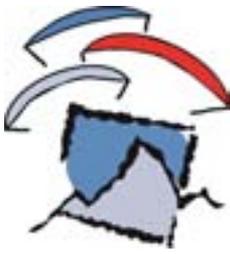


The congress hall offers space for conferences with up to 250 people and can be divided into three rooms. All technical equipment is available. Beside all the briefings the welcome dinner, parties and concerts will take place there.

**Free internet access** (computer area and wireless), washrooms and a café will be also at the headquarters. Press room and secretarial with copier machine, printers etc. will be in a separate building just next to the headquarters.







# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## ORGANISATION TEAM for the XVI FAI WORLD PARAGLIDING CROSS COUNTRY CHAMPIONSHIP

The 3 members of the directors committee are part of the club "Ikarus Abtenau", which is affiliated with the Austrian Aero Club:



### **Stefan Brandlehner**

41 years old, Tourism director, paragliding pilot since 1989, national team pilot 1998 and 2000, head of the Austrian paragliding league. Stefan will be the **Event Director** for the World Championship. Languages: German and English



### **Thomas Brandlehner**

43 years old, IT service specialist and still one of the best paragliding pilots in Austria. Thomas competed already several times in European- and World Championships for the Austrian team and brings a lot of experience in organising big paragliding competitions. He will be the **Meet Director** for the World Championship. Languages: German and English



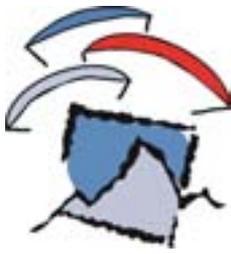
### **Christian Quehenberger**

45 years old, working in the administration office of the local authority of Abtenau and paragliding pilot since around 1988. Like at the European Championship he will be the **Safety Director** for the World Championship. Languages: German and English



### **Peter Brandlehner**

68 years old, retired school director, paragliding pilot since 1986, and president of the Paragliding Club Ikarus Abtenau. He will be the **Launch Manager** during the World Championship. Languages: German and English



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

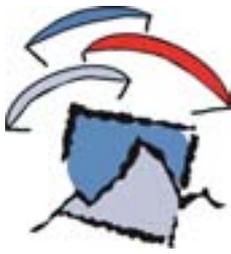
**Georg Auer**, 47 years old, experienced paragliding pilot, **Chief Goal Marshall**  
Languages: German and English

**Thomas Brandlehner**, 43 years old, Meet Director and **Meteorologist**

**Manfred Marte**, Chief Scorer for the Austrian league and **Chief Scorer** for the World Championship, Languages: German and English:

**Markus Eder**, 40 years old, experienced XC-Pilot, **Retrieve/Check in Manager**  
Languages: German and English

**Alexandra Hosp MBA**, Head of the Tourism association Werfenweng and **Press coordinator** for the World Championship. Languages: German and English



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## ORGANISATION TEAM for the X FAI WORLD PARAGLIDING ACCURACY CHAMPIONSHIP



### **Stefan Brandlehner**

41 years old, Tourism director, paragliding pilot since 1989, national team pilot 1998 and 2000, head of the Austrian paragliding league. Stefan will be the **Event Director** for the World Championship. Languages: German and English



### **Violeta Masteikiene**

41 years old, Social entrepreneur, paragliding pilot since 2000, will be the **Meet Director** for the Accuracy World Championships, FAI/CIVL World Paragliding Accuracy chairwoman since 2012. Languages: Lithuanian, English, Russian.



### **Zlatko Spirkoski**

44 years old, experienced pilot. Experienced organizer and Chief Judge on international level. Zlatko will be the **Chief Judge**. Languages: German and English, Macedonian.( TBC)

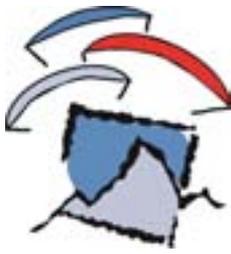
**Thomas Russegger**, 35 years old, experienced pilot. His is working as employee representative in an mid-size company. Thomas will be the **Event Judge**. Languages: German and English

**International Judge team consisting from 5 experienced judges.**  
**1. Vesna Simons (UK), rest - TBC**

**Essl Bernhard**, is an experienced pilot. In his hometown Abtenau he is also member of the red cross team. Bernhard will be the **Safety director**. Languages: German and English

**Georg Schuster**, is one of the main scorer for the Austrian league the last years. He will be the **scorer** for the Accuracy World Championships. Languages: German and English

**Alexandra Hosp MBA**, Head of the Tourism association Werfenweng and **Press coordinator** for the World Championship. Languages: German and English

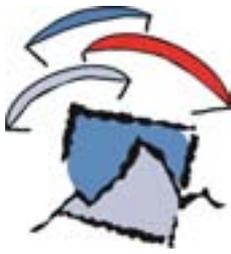


# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## BUDGET

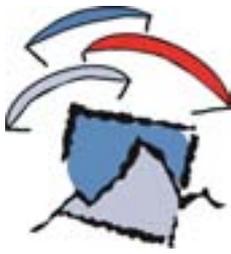
The provisional budget of the 2019 Paragliding Cross Country and Paragliding Accuracy World Championship amounts to approximately € 161.900,-.

<b>General data:</b>			
Pilots quantity	<b>Cross Country</b>		150
	<b>Accuracy</b>		100
Expected quantity of team leaders	<b>Cross Country</b>		8
	<b>Accuracy</b>		5
Competition days	<b>Cross Country</b>		12
	<b>Accuracy</b>		12
Working days			15
<b>Description</b>			
<b>Incomes</b>			
Entry fees - Cross Country	460,00€	/ pilot	69.000,00€
Entry fees - Accuracy	390,00€	/ pilot	39.000,00€
Entry fees Team leader Cross Country	250,00€	/ team leader	2.000,00€
Entry fees Team leader Accuracy	200,00€	/ team leader	1.000,00€
Werfenweng Authority			10.000,00€
Werfenweng Tourism			20.000,00€
Country of Salzburg			20.000,00€
Austrian Government			15.000,00€
Partners - private Sponsors			15.000,00€
			<b>191.000,00€</b>
<b>Expenses</b>			
Official fees (FAI, Aero Club, Country of Salzburg ...)			8.000,00€
FAI officials			18.000,00€
Lunch package			14.000,00€
Dinners and ceremonies			16.000,00€
HQ rental cost			12.000,00€
Transportation (road / gondola)			25.000,00€
Communication / Media			15.000,00€
Animation			12.000,00€
Staff expenses			21.000,00€



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

Organisation expenses			5.000,00€
Trophies / T-Shirts			4.500,00€
Weather			3.000,00€
Livetracking / Live coverage			3.500,00€
Safety / First aid service / Mountain rescue			14.000,00€
Unexpected			10.000,00€
Screen for results, MD, DJ and broadcasting			10.000,00€
			<b>191.000,00€</b>



# XVI FAI

## World Paragliding Championship 2019 Werfenweng / Austria

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### World Paragliding Cross Country Championship

Basic pilot fee

€ 460,--

Includes:

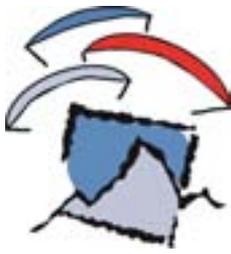
- Welcome dinner
- Participation in all tasks
- Transport to site
- Retrievals on the main route
- Competitor and glider identification
- Colour map containing turn points, take-offs and landings, detailed information about potentially hazardous areas (high tension wires, forwarding cables)
- ID card
- Lunch package, water
- Free entrance to all events, nights, concerts, during the World Championship
- Competition shirt
- Free internet access at the HQ (WiFi),
- GPS control and task scoring
- Livetracking
- Emergency rescue and first aid medical service
- Award dinner

Team leader fee:

€ 250,--

Includes:

- Welcome dinner
- Transport to and from the site
- Colour map containing turn points, take-offs and landings, detailed information about potentially hazardous areas (high tension wires, forwarding cables)
- ID card
- Lunch package, water
- Free entrance to all events, nights, concerts, during the World Championship
- Competition shirt
- Free internet access at the HQ (WiFi),
- Award dinner



# XVI FAI

## World Paragliding Championship 2019 Werfenweng / Austria

### World Paragliding Accuracy Championships

Basic pilot fee

€ 390,--

Includes:

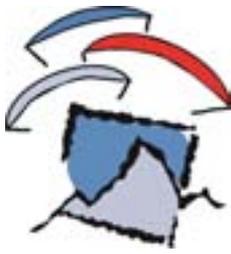
- Welcome dinner
- Participation in all tasks
- Transport to and from the site
- Competitor and glider identification
- ID card
- Lunch package, water
- Free entrance to all events, nights, concerts, during the World Championship
- Competition shirt
- Free internet access at the HQ (WiFi),
- Emergency rescue and first aid medical service
- Award dinner

Team leader fee:

€ 200,--

Includes:

- Welcome dinner
- Transport to site
- ID card
- Lunch package, water
- Free entrance to all events, nights, concerts, during the World Championship
- Competition shirt
- Free internet access at the HQ (WiFi),
- Award dinner



# XVI FAI

## World Paragliding Championship 2019 Werfenweng / Austria

### COMPETITION

#### Rules and regulations:

It will take place in accordance with the rules and regulations laid down in section 7 of the internal CIVL regulations.

For the Cross Country World Championship the use of GPS will be mandatory. Livetracking will be used for scoring.

#### Insurance

All competitors are required by international regulations to have personal liability insurance. The Austrian Aero Club can provide insurance for those who do not have it.

The personal liability insurance of the organisation will be taken care of the Austrian Aero Club.

#### Safety

A first aid team with an emergency doctor will be standing by on take-off and landing. The safety team will be in permanent contact with the meet director and the mountain rescue service Werfenweng, which can, if needed, send a fully equipped medical helicopter.

Evacuation to a hospital is thus assured in 15 to 30 minutes max.

Plenty of medical doctors, dentists and physiotherapists practice currently in the surrounding area.

#### Information

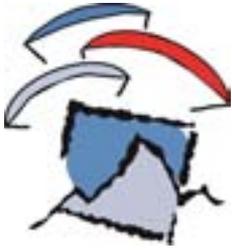
Information will be available on the special internet site of the World Paragliding Championship:

##### Web site structure

- General Information
  - News
  - Results
- Registration
  - Conformation list
- Regulations
- Information
  - Accomodation
  - Access
  - Flying area
  - Headquarters
  - About Abtenau
- Weather / Forecast
- Gallery
  - Photos
  - Videos
- Contact
- Press center
- Forum / guest book

##### Features

- Online registration
- Online payments
- Daily updates during the event
- Daily updates 30 days before event



# XVI FAI

## World Paragliding Championship 2019 Werfenweng / Austria

### COMMUNICATIONS

#### Radio

Radio:	2 m VHF radios
4 different frequencies	- Safety frequency (Cross Country) - Organization frequency (Cross Country) - Team frequencies (Cross Country) - Organization frequency (Accuracy)

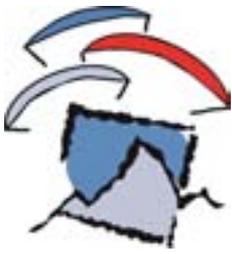
#### Radio for Cross Country:

It is mandatory that every pilot has a functional radio using the safety frequency or the team frequency. Radio transmitters are permitted for communication between competitors, drivers and team leaders and between them and the organizers. For safety reasons it is mandatory that one pilot or team leader monitors the safety frequency for his team at all times during the competition task. To operate an amateur radio a license is needed.

We recommend the pilots and team managers to use their mobile phones for retrieval or emergency calls. We will provide SIM cards for a local network.

#### Cell Phone coverage

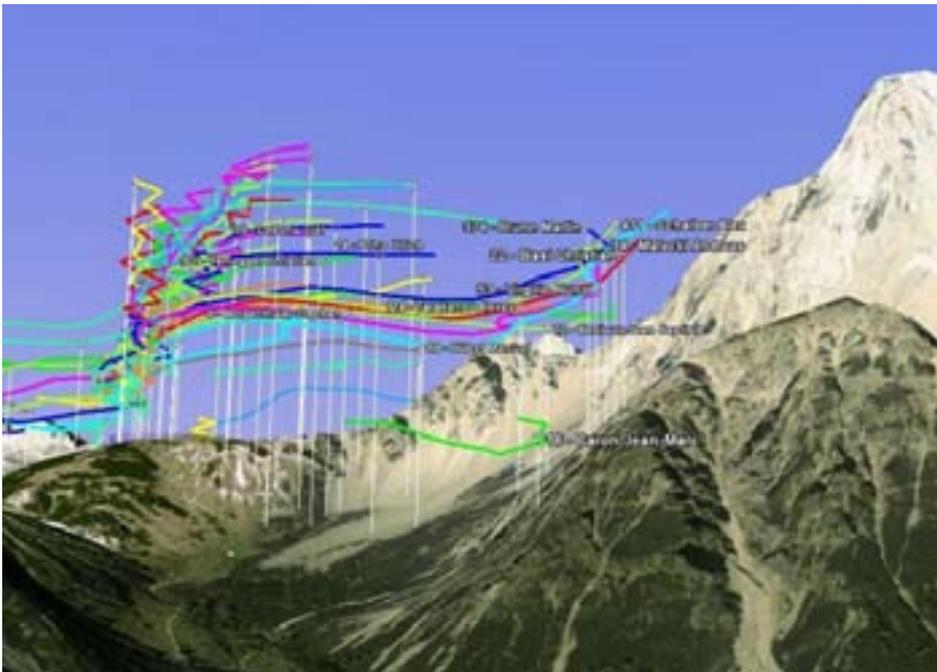
Cellphone coverage is very well developed throughout Austria. Pilots will have phone coverage in at least 95 % of the flying area.



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

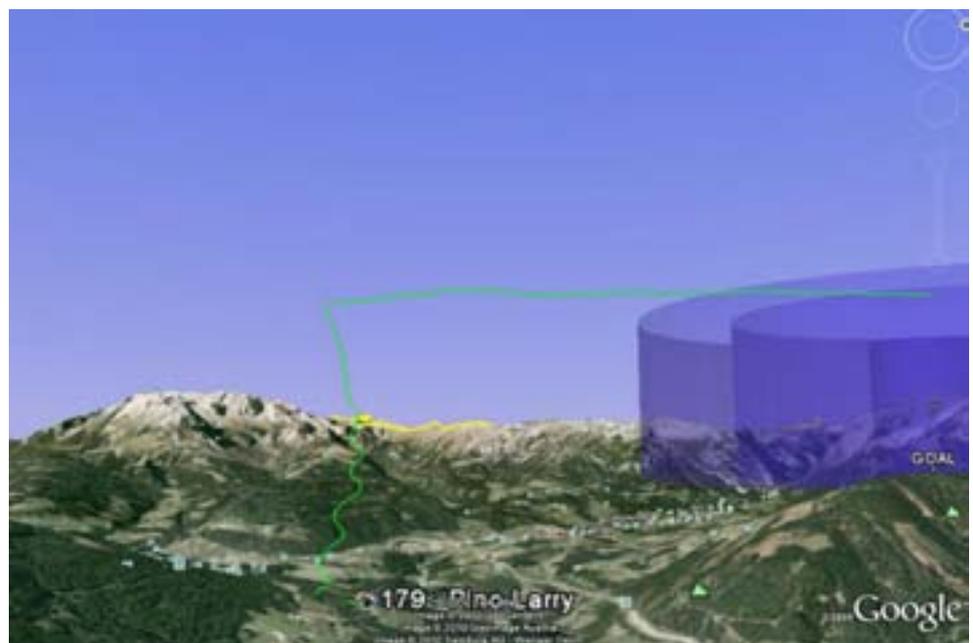
## LIVETRACKING

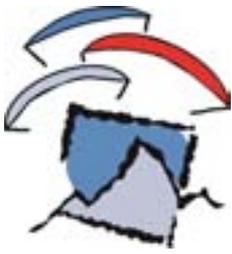
At the European Paragliding Championship in Abtenau 2010 the Flugsportclub Ikarus Abtenau was the first organiser offering livetracking for an main paragliding competition. For the World Paragliding Championship 2019 reliable Livetracking will be provided again.



Following the leading group live!

Be informed live if some pilot has a problem.





# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## WHAT IS COMING AFTER LIVETRACKING?

It would not be the Flugsportclub Ikarus Abtenau, if we are not thinking about which new technologies and innovative ideas we could implement to bring the paragliding sport more attention and the pilots more comfort and experience.

Here are some ideas, which are at the moment probably almost unaffordable, but technically possible. We will use the remaining time to test all kind of solutions to make at least some of them possible:

### Video-Livestreaming:



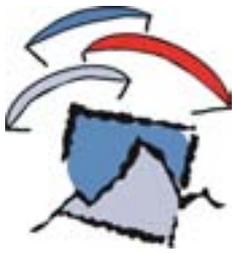
HD-Cameras like the Sony Action-Cam or GoPro Hero are well known in all kind of adventure sports. Together with a mobile phone the video signal could be streamed live into the internet. The problem is the availability of a good internet connection up in the sky. Internet connections via satellite would be a solution, but the costs are still quite expensive. We believe the costs will drop until 2019 to an affordable niveau and we would have a solution to

offer Video-Livestreaming. At the end it would be a pilots decision, if they would like to take a camera with them or not. Together with livetrack24.com we would use the next two years to test the existing solutions.

### Live TV show with speaker:

At the moment it doesn't look realistic to offer livestreaming for all participating 150 pilots. If it will be possible, we will try it. But it sounds more realistic to stream just 10-15 pilots. Together with livetrack24.com we could implement a TV Show with an TV-director deciding during the race, which camera will be shown at the moment. Together with a skilled paragliding pilot with perfect english skills working as speaker the TV-show will be very interesting. Internet user could chat with the speaker, asking for more informations or switching to different cameras.





# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## Reliable live results:

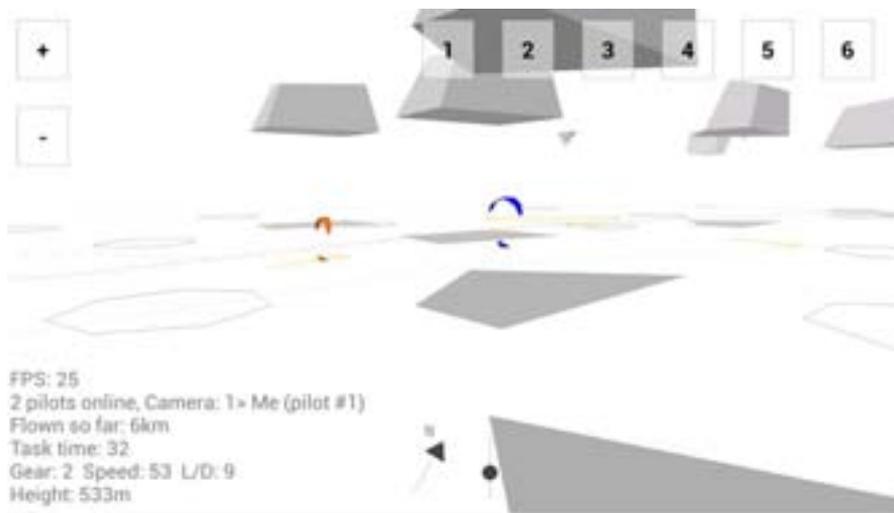
The existing livetracking units used in paragliding competitions so far are very helpful to know where the pilots are and who is in lead. But for reliable liveresults the system needs some improvements. The daily tracklog-downloading procedure could become a backup-solution.

## Temporary live task results

#	Pilot Name	Pilot ID	Task Km	Task Time	#Turn Points	Task Result
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## Video Game like “Flight Club” with real data behind:

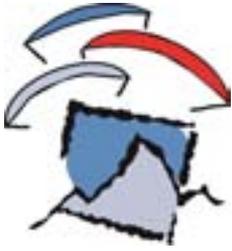
Video games like “Flight Club” became quite popular in the past. Internet users could fly the same task as the competition pilots with real data coming from the pilots livetracking units.



As you can see we are thinking about lot's of options to improve the whole event. But doesn't matter which ideas we will focus on, **the main focus will be in organising a safe and good competition. All the ideas will be just an add on.**

## Modern technologies for Paragliding Accuracy

During the World Paragliding Accuracy championship 2019 the first time in this sport modern technologies will be used to reflect the sport to spectators and involve them.



# XVI FAI

## World Paragliding Championship 2019 Werfenweng / Austria

### **Video-Livestreaming:**

Action cameras and drones with cameras are well known in all kinds of adventure sports. Together with a mobile phone the video signal could be streamed live into the internet, as long as there is a good internet connection. Spectators will be able to follow pilots during their flights, and from different angles. Same time ground cameras will allow spectators to see the accuracy-landings in detail.

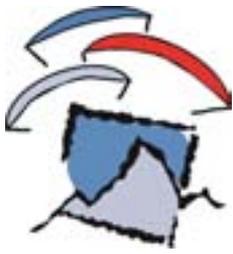
### **Live TV show with speaker:**

At the moment it is already realistic to offer livestreaming for all participating 150 pilots. We could implement a TV Show with a TV-director deciding during the race, which camera will be shown at the moment. Together with a skilled paragliding pilot with perfect English skills working as speaker the TV-show will be very interesting. Internet users could chat with the speaker, asking for more information or switching to different cameras.

### **Reliable live results:**

The existing programs already used in paragliding competitions are very helpful to know where the pilots are and who is in lead, what is his best score during all competitions etc.

But doesn't matter which ideas we will focus on, **the main focus will be in organising a safe and good competition. All the ideas will be just an add on.**



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## **ENTRY TO AUSTRIA / VISAS**

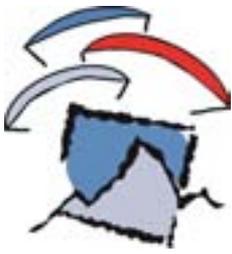
Depending on the nationality, the duration and the objective of the visit, a travel visa is necessary.

It must be delivered before departure by the Austrian consular services. A short stay or travel visa Type C is valid for one or several entries as part of tourist, family, private visits, business trip, medical care within three months.

### **Countries exempt from the need for travel visa for short stays (less or equal to three months):**

1. Citizens from EU countries, from the European Economic Area, from Andorra, Monaco, Norway and Switzerland, holder of an ID card or a valid ordinary passport.
2. Citizens, with a valid ordinary passport, from the following countries: Argentina, Australia, Bahamas, Barbados, Brasilia, Brunei, Canada, Chile, South Korea, Costa Rica, El Salvador, Ecuador, USA, Guatemala, Honduras, Israel, Japan, Malaysia, Malta, Mauritius, Mexico, Nicaragua, New-Zealand, Panama, Paraguay, San Marino, Seychellen, Singapore, Uruguay, USA, Venezuela.
3. Citizens, with a valid biometric passport, from the following countries: Bosnia Herzegovina, Serbia, Macedonia, Moldova, Montenegro.

For further information and updated list please see: <http://www.bmi.gv.at/>



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

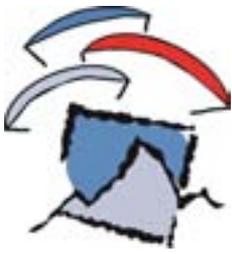
## ACCOMMODATIONS

The booking bureau of the tourism office of Werfenweng will be there to offer solutions for all types of accommodations.



Price-Examples for end of July 2017:

- Apartment for 4 persons € 400,- / week (€ 14,50/day and person)
- Double room incl. breakfast for 2 persons in b&b € 350,- / week (€ 25,-/day and person)
- Double room incl. breakfast for 2 persons in 4\*hotel € 900,- / week (€ 65,-/day and person)



# XVI FAI World Paragliding Championship 2019 Werfenweng / Austria

## ENVIRONMENT:

We embrace the responsibility to respect the FAI environment guidelines.



20 Oktober 2016

Peter Brandlehner

Club President Ikarus Abtenau &  
Launch Manager

Stefan Brandlehner

Event Director