

AUSTRIAN BID



INDEX

Event	Event Purpose	3 4
Official Supp	·	
Omolai Oup	Austrian Aero-Club Authority of Abtenau Authority of Werfenweng Mountain railways Werfenweng Paragliding school Werfenweng	5 6 7 8 9
About Abter		
	Location Access Abtenau / Landscape	10 11 12
Flying sites		13
, 0	Take off Trattberg	14
	Official Landing zone 1 Take off Bischlinghöhe	15 16
	Official Landing zone 2	17
	Regulations Task area	18 19
	Task options	20
	Alternative location	21
	Emberger Alm / Greifenburg Weather	22 23
Organisation	า	
	Headquarters References	24 25
	Pre-World Championship 2016	26
	Organisation Team	27
	Budget	28
Pilots Inform	nation	
	Entry fee Competition rules and regulations	29 30
	Insurance / Safety	30
	Web site – Championship Information	31
	Communications Radio / Cell phone Livetracking and more	31 32-34
	Entry to Austria / Visas	35
	Accomodations	36
	Environment	37



EVENT

Name XV FAI WORLD PARAGLIDING CHAMPIONSHIP

Location Abtenau, County of Salzburg, Austria

Dates August 13th to August 26th, 2017





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.





110 JAHRE IN DER LUFT

ÖSTERREICHISCHER AERO-CLUB A-1040 WIEN, PRINZ EUGEN-STRASSE 12



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

Vienna, October 2014

Dear Mr. President,

the Hang- and Paragliding Club "Flugsportclub Ikarus Abtenau", member of the Austrian Aero-Club, bids for the $15^{\rm th}$ FAI World Championship 2017 to be carried out in Abtenau/Salzbourg from August $13^{\rm th}$ to $26^{\rm th}$.

The Austrian Aero-Club, National Aeronautical Association, approves and supports this bid for 2017, which will be presented at the next CIVL-Meeting 2015 in Belgrade.

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





Marktgemeinde Abtenau 5441 Abtenau, Markt 165

Tel. 06243/2214-0, Fax DW 30

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

Abtenau, October 2014

Support for the World Paragliding Championship 2017

Dear Mr. President!

Mayor of Abtenau

the local authority of Abtenau supports the Paragliding Club Ikarus Abtenau in its application for the 15th FAI World Paragliding Championship 2017.

The local authority has seen and agreed the detailed application and work programme prepared by the Paragliding Club. It has agreed to carry out those elements of the work programme that are the responsibility of the local authority.

The local authority will work in partnership with the Paragliding Club Ikarus Abtenau and will assist them trough the preparation and realization of the event.



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

Werfenweng, December 2014

Support for the World Paragliding Championship 2017

Dear Mr. President!

Mr. Stefan Brandlehner informed us about the application of the Paragliding Club Ikarus Abtenau to hold the 15th FAI World Paragliding Championship 2017 in Abtenau with Startoption in Werfenweng. As head of the local Tourism association and 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.

We have seen the detailed application and work programme prepared by the Paragliding Club. Together with the Paragliding Club Ikarus Abtenau, the mountain railways Werfenweng, the local Paragliding school Austriafly the Tourism association and the local authority of Werfenweng will do the best, to organize interesting side events, which fits the needs of the competition and the paragliding community.

Dr. Peter Brandauer

Mayor of Werfenweng

& Chairman of Tourism association Werfenweng



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

Werfenweng, December 2014

Support for the 15th World Paragliding Championships 2017

The Bischling at Werfenweng is one of the most favourite paragliding areas in Austria. From the beginning of Mai until the end of October and from December to Easter we transport a lot of pilots to the starting point. The start and finish points 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 15th World Paragliding Championships 2017 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 15th World Paragliding Championships 2017 to a great festival for the whole flying community.

Bergbahnen Werferbweng GmbH Weng 149 A 5455 Werfenweng

With best regards

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



Unterstützungserklärung Paragleiterschule Austriafly

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

Werfenweng, December 2014

Support for the 15th World Paragliding Championships 2017

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 15th World Paragliding Championships 2017.

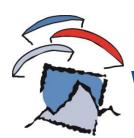
This summer we organised a "Testival" with some manufactures close to the landing zone at Werfenweng. In 2017 it will be our part, to organise a great "Paragliding Testival" with all important manufactures and we are sure, that we can help to make this important Championship to an unforgettable event.

We hope, that we can see us in 2017.

Paragliding and Hanggliding School Austriafly.

Flugschule Austriaf

A-5456 Werfellweng 066444200 2 0667 966435 in @austriafly.at

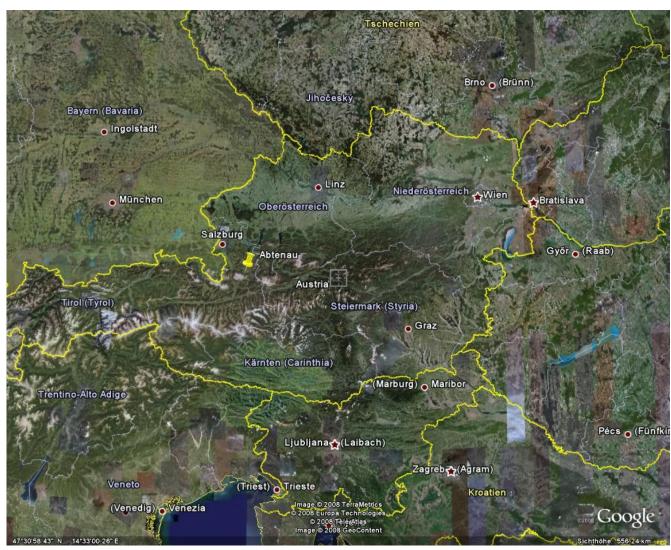




Abtenau

Location: County of Salzburg, Austria

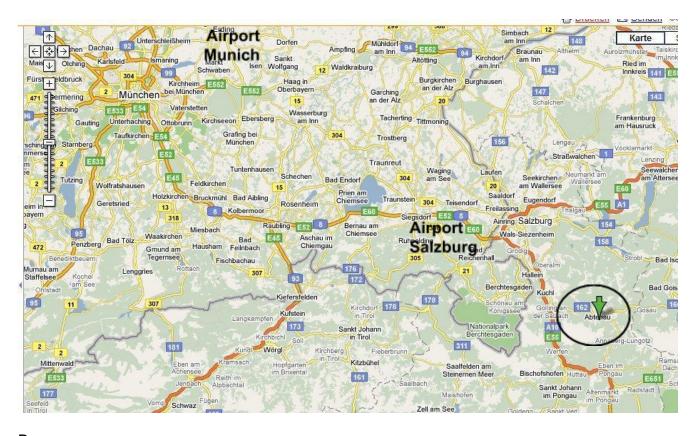
Distance from main cities: 47 km from City of Salzburg 345 km from Capital City Vienna 177 km from Munich (Germany)





ACCESS

Abtenau 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 every year and already there are many international flights. The closest big international airport is Munich, about 2,5 hours from Abtenau.



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 28 at Golling-Abtenau and continue on the main Lammertal road B162 to Abtenau.

By air:

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

By rail:

Take the train to Golling-Abtenau and continue with public bus services to Abtenau.



ABTENAU / LANDSCAPE

Abtenau is an "all season" tourism village (mainly summer and winter), with a population of about 6.000 and about 2.300 guest beds.

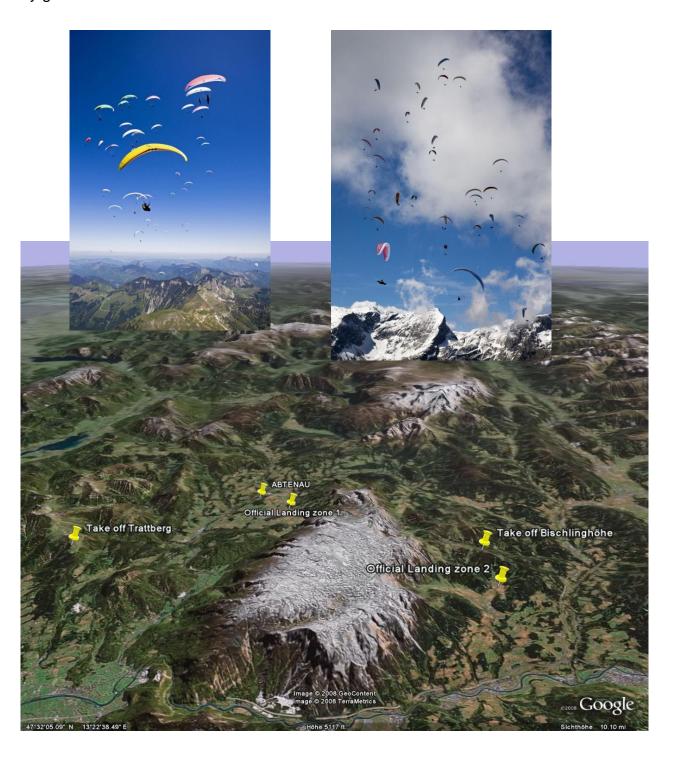
Surrounded by mountains Abtenau (700m ASL) is situated in a big round bowl, which is about 15 km wide. Along the south east to the south west side is the "Tennengebirge", a rock massif which is 22 km long and up to 2.600m high. Along the north west to the north east side is the "Osterhorngruppe", a more rolling mountain range, up to 2.000 m high.





FLYING SITES

The 2 main take-off sites, Trattberg and Bischlinghöhe, have easy access either by road or by gondola.





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 landig 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.







OFFICIAL LANDING ZONE 1 47°33'28.63"N / 13°21'4.51"E

High above sea level 750 m

Valley wind usual SW 0-5 km/h

Distance to headquarters 50 m
Distance to Abtenau centre 1,2 km



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 $\sim 60 \text{ x } 35 \text{ m}$

Ballast water available at take off

Power lines or hazards no

Helicopter landig space at Take off

Telephone cellular mobile only
Refreshment restaurant at take off

Access 1 min from gondola station

Parking Big parking at gondola

Distance from HQ 30 min. / 42 km paved road from Abtenau

Transport to take off by bus and mini bus & gondola

Thermal activity Typically 11:00 - 19:30,

taskable also with low cloud base

Maximum wind speed 7m/s

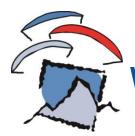
Safety record Very easy takeoff, some accidents because of

typically more than 200 starts per day. Easy not

turbulent thermals.

Due to the many thermal alternatives one of the most popular flying sites in the Salzburg area.







OFFICIAL LANDING ZONE 2 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



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.





TASK AREA



Type and suitability of terrain

Mountain terrain

Wind

light valley winds

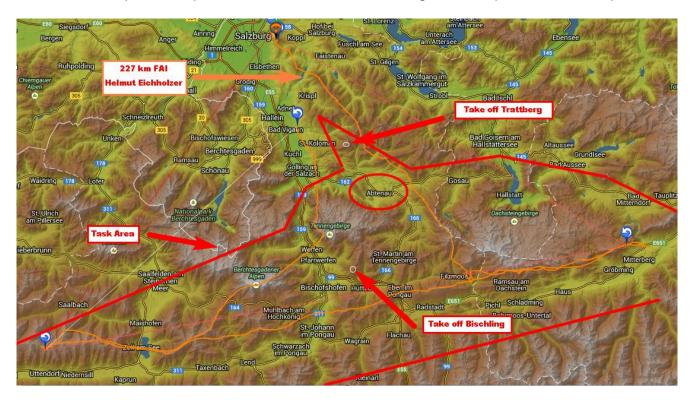
Maximum wind speed during task

Depends on exact wind direction



TASK OPTIONS

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





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 landig 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, lots of accidents because of

typically more than 200 starts per day. Easy not

turbulent thermals.

Due to the many thermal alternatives the most popularXC flying site in Austria.



Emberger Alm / Greifenburg:



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

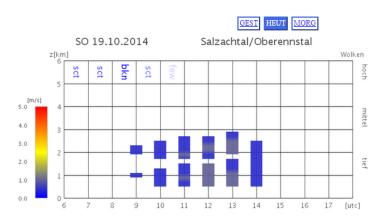


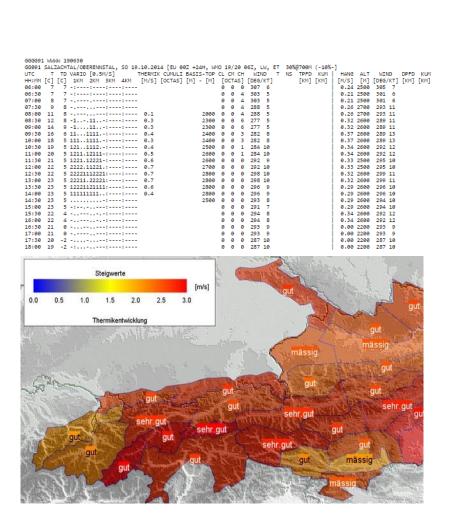


WEATHER

The chosen date for the competition (13th - 26th August) is the most consistent summer time weather, the instability of the air mass is still quite good with light valley winds.

The organisation will have all day long a direct contact to a meteorologist at Austro Control at Airport Salzburg and can provide all kind of weather reports. Additional webcams and automatic weather stations help to offer the possible weather reports.







HEADQUARTERS

The local authority of Abtenau is planning to build a new congress hall by 2016, which the Paragliding Club Ikarus could use.

In case the new congress hall will not be finished by 2017, the Paragliding Club will again set up a big tent just next to the landing, as done at the world cup 2004.



The tent will offer about 1.000m2 and will serve as a meeting point for pilots and officials. 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.





REFERENCES

Beside the European Championship 2010 Abtenau has held already many other major Paragliding events like world cups, Austrian national championships and Austrian league competitions.

2013	Austrian Paragliding league Top Spot
2012	Austrian Paragliding Club Championship
2010	European Paragliding Championship
2009	Pre European Paragliding Championship
2004	World Cup
2003	Pre World Cup
2002	Austrian Championship
1999, 2005 & 2006	Austrian league competitions

PRE-WORLD CHAMPIONSHIP

The Austrian Championship will serve a Pre-World Championship in 2016. The entry fee will be around € 28,- per day for every flyable day (cash back for non flying days, if no pilot transport was needed).





ORGANISATION TEAM

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



Stefan Brandlehner

39 years old, Tourism director, paragliding pilot since 1989, national team pilot 1998 and 2000, head of the Austrian paragliding league, He will be the **Event Director** for the World Championship.

Languages: German and English



Thomas Brandlehner

41 years old, IT service specialst and still one of the best paragliding pilots in Austria. Thomas competed already several times in Europeanand 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

43 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

65 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



Georg Auer, 45 years old, experienced paragliding pilot, **Chief Goal Marshall** Languages: German and English

Thomas Brandlehner, 41 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, 38 years old, experienced XC-Pilot, Retrieve/Check in Manager Languages: German and English

Josef Quehenberger, 37 years old, Press coordinator for the Tourism associaton Abtenau and **Press coordinator** for the World Championship. Languages: German and English



BUDGET

The provisional budget of the 2017 World Championship amounts to approximately € 151.000.

General data:			
Pilots quantity			150
Expected quantity of team leaders			20
Competition days			12
Working days			15
vvoiking days			13
Description			
Incomes			
Entry fees	450,00€		67.500,00€
Entry fees Team leader	225,00 €	/ team leader	4.500,00 €
Abtenau Authority			5.000,00€
Abtenau Tourism			15.000,00€
Country of Salzburg			20.000,00€
Austrian Government			15.000,00€
Partners - private Sponsors			30.000,00€
			157.000,00 €
Evnonce			
Expenses			
Official fees (FAI, Aero Club, Country of Salzburg)			4.000,00€
FAI officials			12.000,00 €
Lunch package			13.000,00 €
Dinners and ceremonies			20.000,00 €
HQ rental cost			12.000,00 €
Transportation (road / gondola)			20.000,00 €
Communication / Media			12.000,00 €
Animation Animation			10.000,00 €
Organisation fees			20.000,00 €
Organisation expenses			5.000,00 €
Trophies / T-Shirts			2.000,00 €
Weather			5.000,00 €
Internet site			2.500,00 €
Safety			15.000,00 €
Unexpected			4.500,00 €
			157.000,00 €

The total amount of the entry fee represents 46% of the income.



Basic pilot fee

€ 450.--

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 T-shirt
- Free internet access at the HQ (WiFI),
- GPS control and task scoring
- Emergency rescue and first aid medical service
- Award dinner

Team leader fee:

€ 225,--

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



COMPETITION

Rules and regulations:

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

Use of GPS will be mandatory.

Insurance

Documentary proof in English of insurance covering public liability risk to the value of € 1,600.000 must be presented to the organizers before the start of the championship. Competitors are strongly advised to take out personal accident insurance. Austrian insurance company will provide a specific insurance, for the pilots who require it (third party liability, min. coverage € 1,600.000)

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

Safety

A first aid team with a 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 Abtenau, which can, if needed, send a fully equipped medical helicopter. Evacuation to a hospital is thus assured in 15 to 30 minutes max.

Three medical doctors, two dentists and several physiotherapists practice currently in Abtenau.



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
 - Accommodation
 - o Access
 - Flying area
 - Headquarters
 - About Abtenau
- Weather / Forecast
- Gallery
 - o Photos / Videos
 - Contact
- Press centre

Features

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

COMMUNICATION

Radio

Radio:

2 m VHF radios- Safety frequency

3 different frequencies

- Organization frequency

- Team frequencies

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.

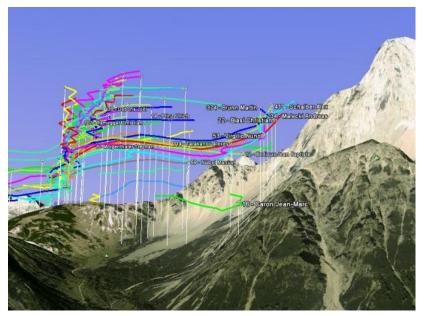
Cellphone coverage

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



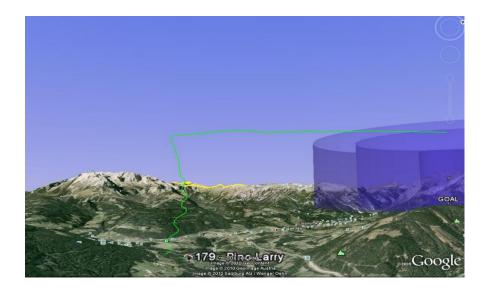
LIVETRACKING

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 2017 reliable Livetracking will be provided again. The Flugsportclub Ikarus Abtenau owns about 160 Livetracking units (Live Tracker24 v2), which will be used. As you will see on the next pages, we are thinking a lot about options to improve the whole event. Maybe we find even something better than the livetracking units.



Following the leading group live!

Be informed live if some pilot has a problem.





WHAT IS COMING AFTER LIVETRACKING?

It would not be the Flugsportklub 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-Camereas like the Sony Action-Cam or GoPro Hero are well know 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 2017 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 is 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.





Reliable live results:

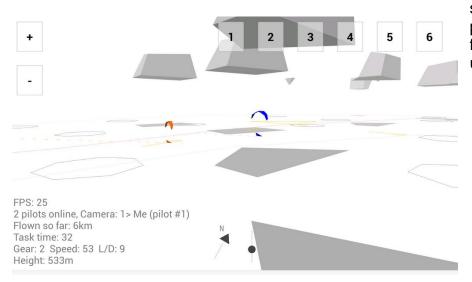
The existing livetracking units used in paragliding competitions so far are very helpful to know where the pilots are and who is in lead. But for liveresults the track interval has to be max. 1 second and the units need a memory function for the parts of the racetrack, where not internet connection is available. The newer generation of livetracking units fullfill all this needs, what makes live results possible. 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	!

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.



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/



ACCOMODATIONS

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

1 campsite, 1 youth hotel, 14 hotels and about 300 apartments and 150 bed and breakfasts of different standards will be available.







ENVIRONMENT:

We embrace the responsibility to respect the FAI environment guidelines.



January 5th 2015

Peter Brandlehner

Club President Ikarus Abtenau & Launch Manager

Stefan Brandlehner

Man BaanMaer

Event Director