

Self-Briefing



Program

- **Team of the 2nd Virtual SGP - WF2023**
- **Website & Calendar**
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- **Arrival procedure LIDP**
- **Scoring**
- **Flight safety**
- **Virtual SGP**
- **To help you joining us**

Team of the 2nd Virtual SGP

- **Competition Director** : Antoine Havet
- **Briefing** : Antoine Havet
- **Task Setting** : Marc Till, Michel Bernard
- **Scoring** : Thierry Bodin (Condor.Club)
- **Flight Safety** : Marc Till, Antoine Havet
- **Infrastructure** : Sebastien Chaumontet
- **Broadcasting** : Jean-David Thoby, Timothée Barusseau
- **Commentators** : Normen Schindowski, Antoine Havet, Jean-David Thoby, and invitees
- **Liveries** : Thomas Truffo



<https://www.virtualgliding.fai.org/virtual-sgp>



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Watch Live

2nd
FAI Virtual Sailplane
GRAND PRIX
WORLD FINAL - 2023



27th August - 2nd September

We expect intense racing with the best pilots of the world!

Racing will start everyday at 18h00 UTC.

Schedule of a competition day

2nd Virtual SGP - World Final 2023 (UTC time)

- 17:00 : Task Briefing available online
- 18:00 : Servers are open
- 18:20 : Stop Join
- 18:35 : Line opening - Race starts
- 18:35 - 20:35 : Race
- 20:35 – 21:20 : Arrivals and interviews
- 21:20-21:35 : Results & next day
- 21:35 : End of the live streaming

There will be a backup server (B)

Schedule of the event

2nd Virtual SGP - World Final 2023

| | |
|-------------------------|--|
| Unofficial Training, | 23/24 August |
| Compulsory Training Day | 25 th August |
| Opening Ceremony : | 27 th August during live streaming (nothing asked from you) |
| Contest Flying : | 27 th August to 2 nd September inclusive. |
| Closing Ceremony : | 3rd of September, In the evening (TBC) |

Discover Pavullo

The Pavullo Airfield is located in the northern Apennine foothills in the Emilia region at an altitude of 684m above sea level. The Alpine arc and the intervening Po plain shields this region from the classic Central European weather formations. Northeast of the airfield, the terrain is almost at sea level and the air mass in this area is influenced by the Po Valley.

The adjoining hill country around Pavullo lies in the range between 400m to 1500m above sea level. The slopes are partly steep, but are still used for agriculture with many small fields. This hill country is almost completely developed with infrastructure, and the villages, houses and roads lead up to the summit of these hills. If you take a closer look, you can see isolated fields from the air, which could make potential landing sites. Most likely, however, the significant slope means they are emergency options only.



Discover Pavullo

The landscape is carved by larger river valleys, which lead from the hills in the northeast to the plane. In the upper river courses, the valleys are narrow and the terrain is strongly sloped down to the riverbed. The closer you get to the plain, the wider the valleys and the bigger the flat fields and occasional airfield or ultralight landing spot.

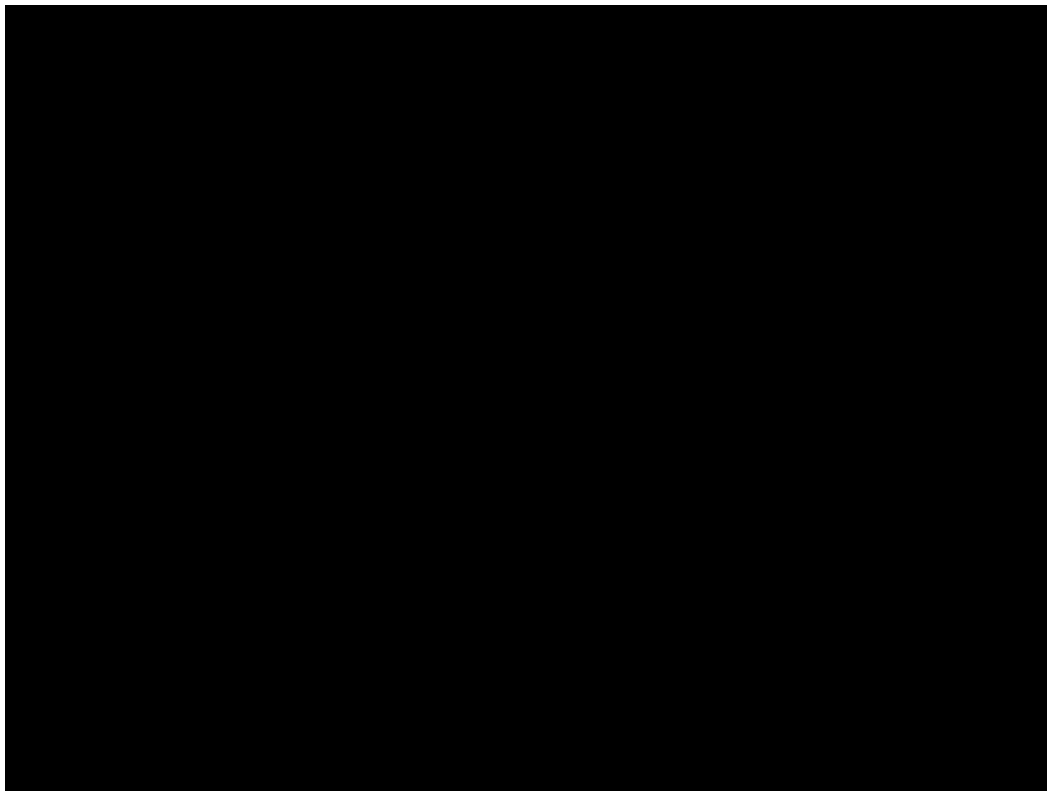
Cavola is in this hill country 30km northwest of Pavullo and often produces excellent soaring conditions. Especially in marginal weather, many routes were flown as a yo-yo around this newly created airfield. The next landable areas were found only after long glides along the river valleys towards the plain, but they are almost at sea level.

The airfield itself is located in a bowl with hills between 600m and 900m, which made aerotowing and final approaches exciting.





Discover Pavullo



Discover Pavullo

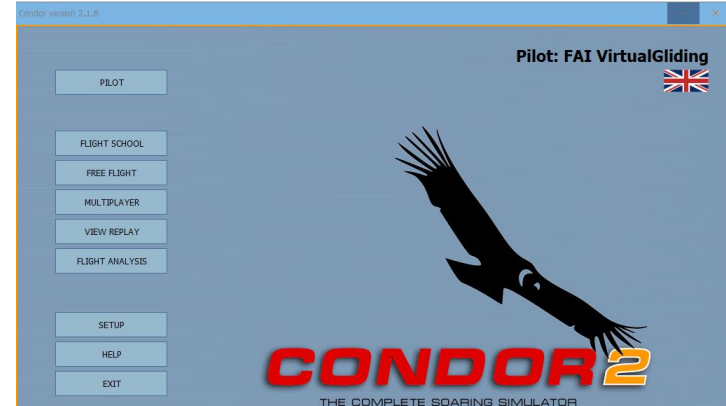
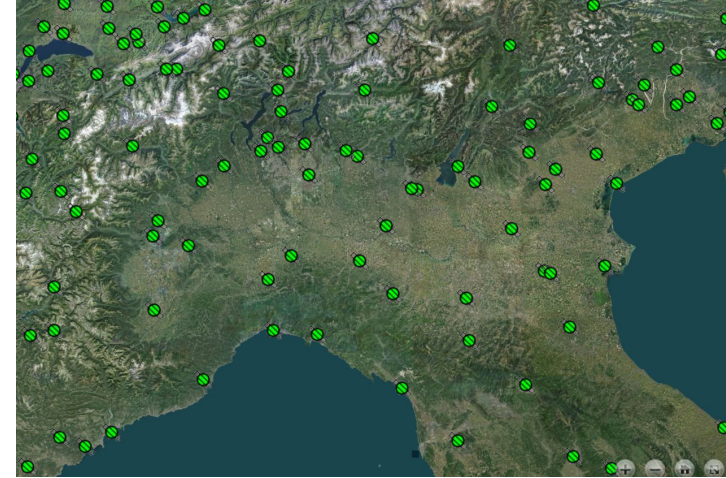


Landscape & Condor

The landscape will be Arc Alpin 2, Version 0.10

<https://www.condor.club/viewscenery/242/?id=309>

Simulator used: Condor 2, the Soaring Simulator, Version 2.1.8



2nd
FAI Virtual Sailplane
GRAND PRIX
WORLD FINAL - 2023

QUALIFIED PILOTS

| Country | Pilot | Country | Pilot |
|---------|----------------------|---------|----------------------|
| 1 | Ben Fest | 11 | Tim Kielstrup Madsen |
| 2 | Witold Rozak | 12 | Norbert Kiss |
| 3 | Arne-Martin Guettler | 13 | Mihaly Knausz |
| 4 | Artur Dziuk | 14 | Tamas Mayer |
| 5 | Kuba Jedruszkiewicz | 15 | Sean Churchill |
| 6 | David Redman | 16 | Darius Gudziunas |
| 7 | Kelvin van Baalen | 17 | Joshua Arntz |
| 8 | Stewart Henshall | 18 | Wojciech Soltysik |
| 9 | Jarmo Karjalainen | 19 | Zbyszek Tkocz |
| 10 | Wiek Schoenmakers | 20 | Donat-Pierre Luigi |

Reminder SGP Rules

- Virtual SGP rules V1.2 : available on <https://virtualgliding.squarespace.com/s/Virtual-SGP-Rules-v12.pdf>
- There is an [adapted penalty table](#) for Condor 2 as well
- Local procedures V1.2 in force https://virtualgliding.squarespace.com/s/VSGP-Pavullo_LP_V12.pdf

- 8.3.4 : One additional point will be attributed to the winner of the last competition day (2nd of September)

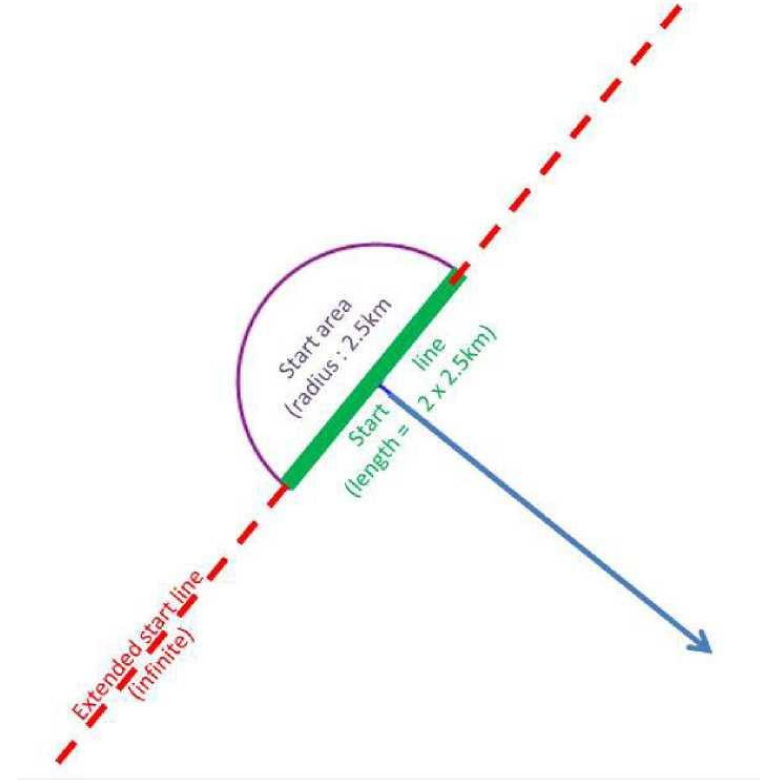
Restart

- All gliders will start airborne.
- The airborne start and altitude start of the race may vary everyday, depending on Weather conditions.
- **BE CAREFUL Condor related problem : You MUST Land in this circle to be able to restart your flight without leaving the server !!** So if you have to land prior the start of the race, please do it inside this circle!
- Any abusive restart will be penalised by a 5 minutes penalty (check penalties table)



Grand Prix - Regatta Start

- **5 minutes before the start:** LEFT turns only !!
- During the last 5 minutes before the opening of the Start Line, circling or turning (by more than 90°) to the right is prohibited in the Start Area everywhere. Penalty = 30sec per right turn (>90°) or right circle (<=360°).
- **1 minute before the start:** you MUST be on the correct side of the extended line (side of the start area). Otherwise, a penalty of 2 minutes is applied.
- **Start line:** MUST be crossed in the right direction
- **If you start before the opening of the start line:** you must pull up and turn back gently to avoid any collision with the other pilots. **You must take a valid start in Condor to get a valid scoring.** A penalty of 2 minutes will be applied.
- **Max Speed:** 170km/h GS (penalty = 5 sec/km/h in excess of 170 km/h)

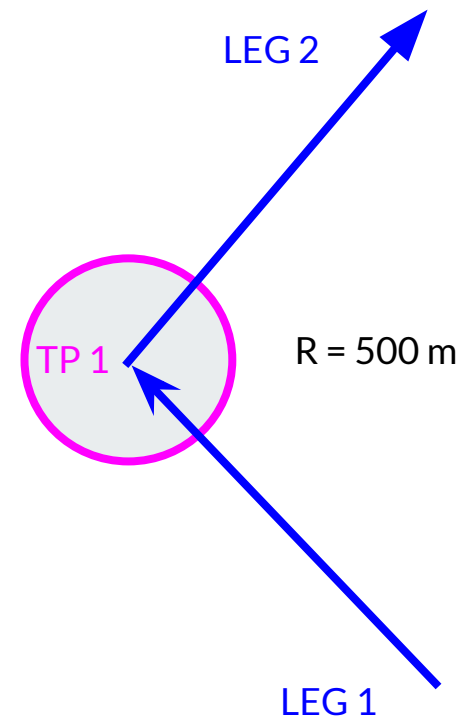


Turn points

- Beercan 0,5km
- There is no FAI sector (45°) and no extra margin!
- Outside pink zone : TP missed = end of the race if you do not turn back to properly turn this TP, or don't realize your mistake...

There is no extra 500m available with a penalty, to allow you to miss the TP. Be careful!

Recommendation: count '1,2,3' in the TP before turning to next leg. Confirm on Condor's PDA that you have effectively turned the point.

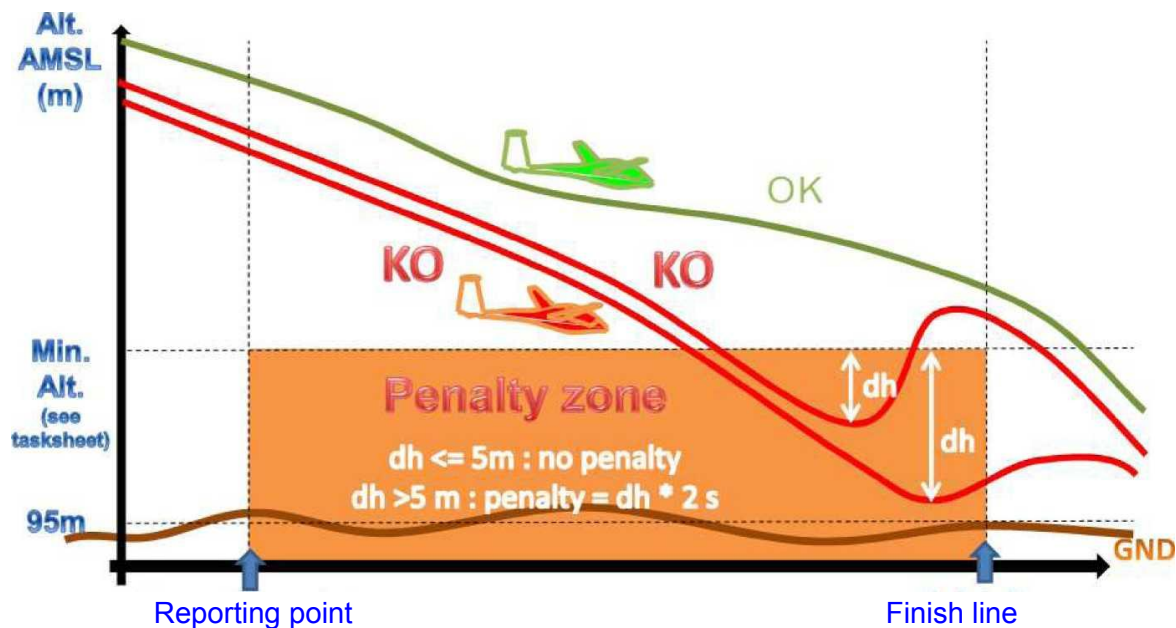


Grand Prix - Arrival

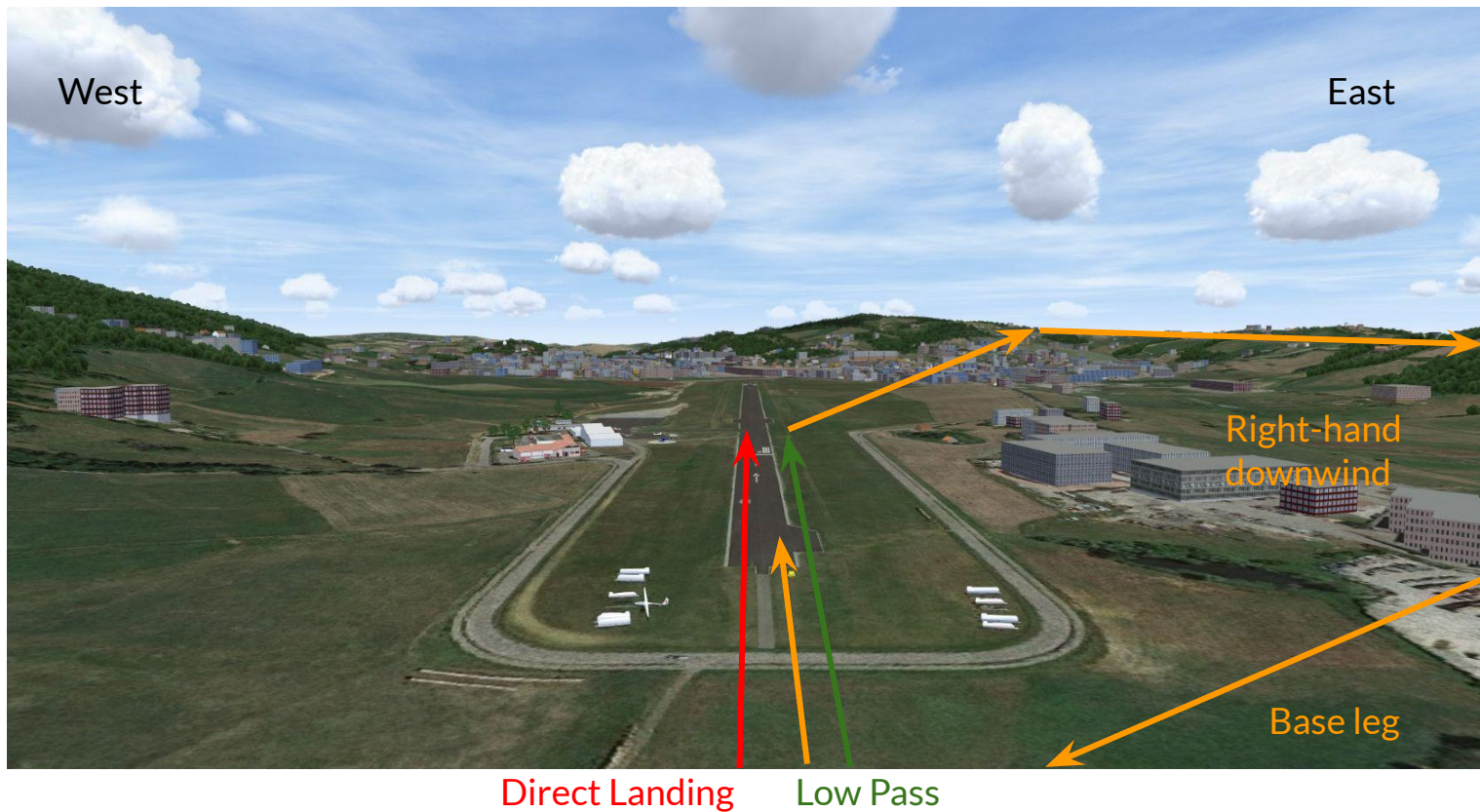
- Finish line of 0.5km (2x 0.25km), located near the threshold of the active runway. Should be easily recognizable.
- Minimum crossing Altitude = Airfield Altitude + 30 meters. In Pavullo (680m), alt. mini = 710m QNH !
- A reporting point will be set to align the gliders with the axis of the active runway, to make it safer.
- Low pass are authorized, but direct landing are preferred. Dangerous flying = warning and/or penalty.
- Depending on your energy, you will proceed with long landings or low pass.
- The pilot should announce his arrival and intention on the Discord Channel when he/she is at 10 km of the finish line, by using the following sentence : « [Competition N°] 10km »
- Then the pilot should announce, at the latest 3km or at the reporting point before crossing the finish line : « [Competition N°] Reporting point, direct landing OR low pass »

Arrival penalties

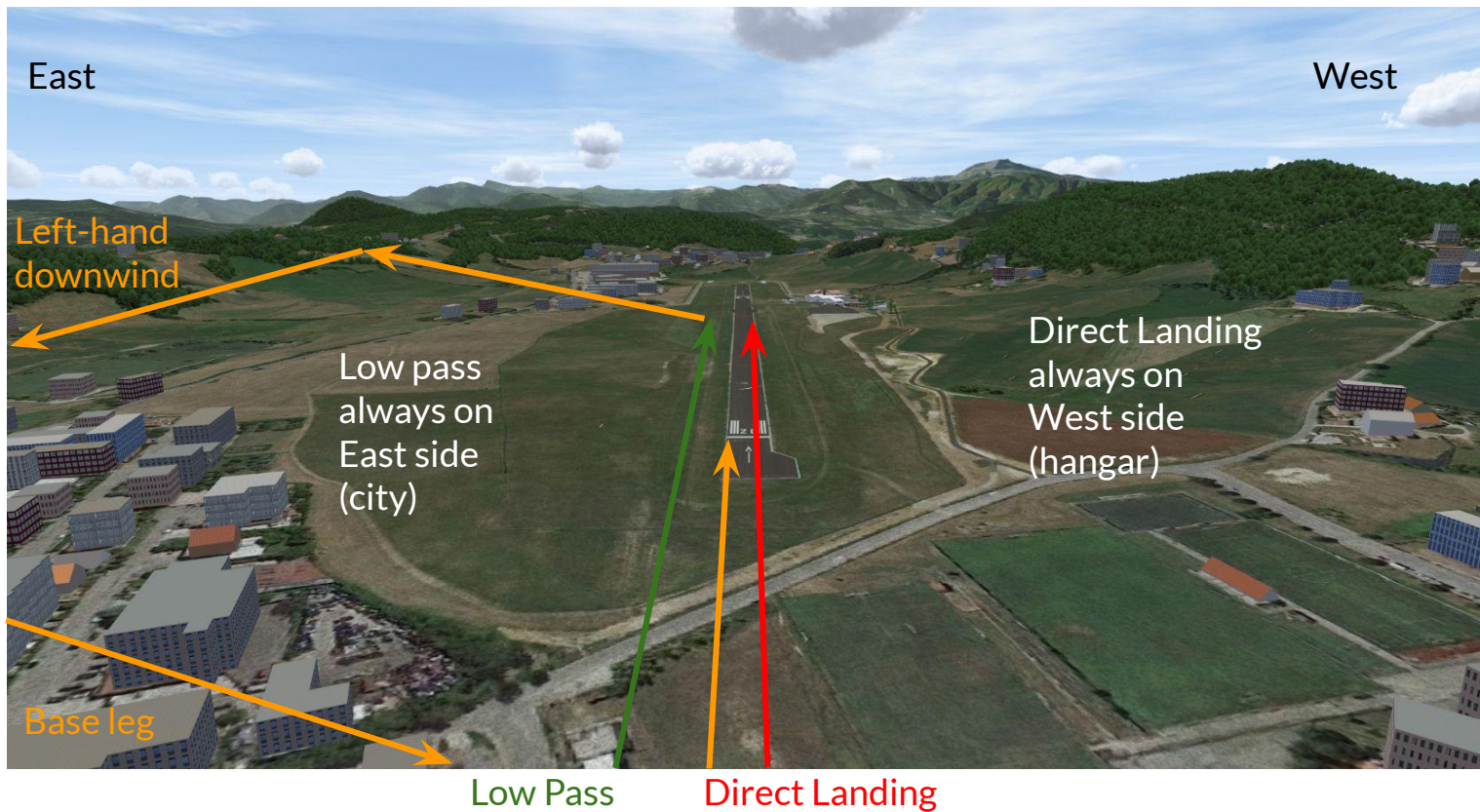
- The VSGP will not follow this SGP rules during the arrival.
- This penalty will not be applied.
- Minimum altitude for crossing the line will still be $680\text{m} + 30\text{m} = 710\text{m}$!
- Please do not pull up last minute but do a fairly straight final glide.



LIDP 02 - Arrival & Landing Procedure



LIDP 20 - Arrival & Landing Procedure



18m Class - 48kg/m² MAX

| Glider (18m) | Water Loading (kg) | Wing Loading (kg/m ²) |
|--------------|-------------------------------|-----------------------------------|
| Antares 18 S | 175 | 47.9 |
| ASG29 | 110 + Fixed ballast (140 w/o) | 47.9 (47.6 w/o Fixed Ballast) |
| ASG29-Es | 85 | 47.7 |
| DG808C-18 | 115 | 47.9 |
| JS1-18m | 145 (or 125 + Fixed Ballast) | 47.8 (47.6) |
| JS3-18m | 110 | 48.0 |
| Ventus 3-18m | 130 | 48.0 |

Scoring

- You have to upload your FTR file to [Condor.Club](#) (GDPR is not controlled by FAI)



Welcome on www.condor.club
You are FAI Virtual Gliding
> [Logout](#)

Your CN "FVG" is registered until February 17th, 2024
> [No new message](#)

Premium member
Your membership expires on January 3rd, 2024

> [Offer a Premium membership to a friend!](#)

Change language:

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Competition's details

2nd FAI Virtual SGP - WORLD FINAL 2023 - Pavullo (ITALY)

(Aug. 24th, 2023 - Sept. 3rd, 2023)

[Partager](#)

THIS IS THE OFFICIAL SCORING TOOL FOR THE 2ND VIRTUAL SGP - WORLD FINAL EVENT IN PAVULLO.

ONLY THE 20 PILOTS WHO RECEIVED AN OFFICIAL INVITATION FROM THE FAI MUST REGISTER HERE.

More information on <https://www.virtualgliding.fai.org/virtual-sgp>

Organizers:

FAI Virtual Gliding 
Snip 
Bre901   

Official web site:

<https://www.virtualgliding.fai.org/virtual-sgp>



Scoring

- You should send your FTR file maximum 15 minutes after landing, and at the latest at 23:30 LT (21:30 UTC)
- Only FTR and IGC files that comes from Condor 2 will be accepted (ie : PDA files will be ignored).
- You may send your ftr file to Condor.Club without renaming it (straight from the sim), or you may rename it if you prefer to keep it safe in a dedicated folder. <https://www.condor.club/comp/show/0/?id=759>
- You must SAVE your FTR and IGC files until the official results are published. The organisation may ask you to send your files. You may only send it on the organisation's request.

Safety

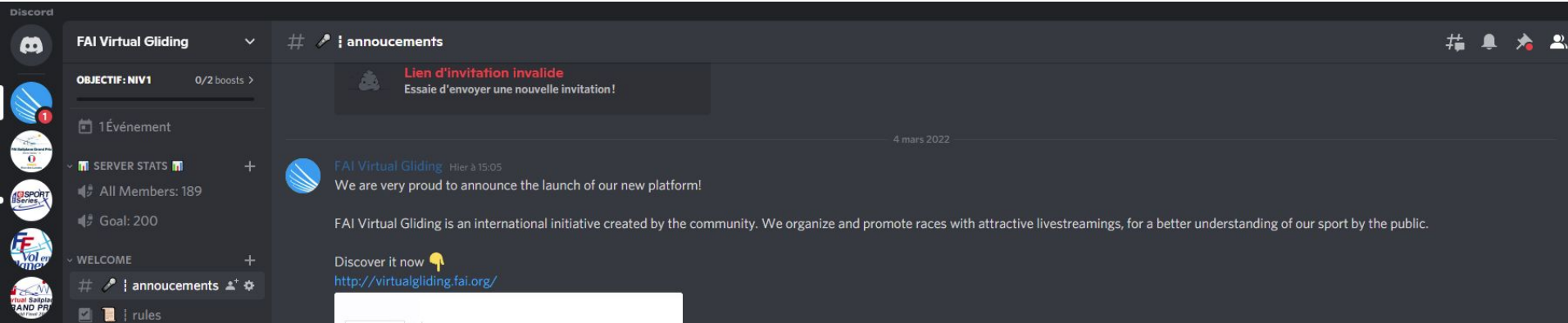
- Gliding is a game : you MUST be able to say STOP !
- Sheeple effect : Make your own choices, don't follow others mistakes.
- Mid-Air Collision : Look out! Avoid aggressive manoeuvres, respect the others.

- Cheating : any cheating tentative, by any means, will be severely punished. You will be disqualified from the competition.

You are the best virtual pilots in the world. We have full confidence in your skills and your fairplay for this event. May we all enjoy it!

Communication channel

- Please stay connected to “OPEN 1” voice channel during the races. We need you to be there so that you can talk together about safety in flight, or if we need to make an announcement.
- There may be technical issues, and we will communicate by voice or via the private World Final text Channels
- If you have an issue, please reach out via a text chat. <https://discord.gg/G4RswW7Ruj>



<https://www.virtualgliding.fai.org/live>

STREAM CHAT



Welcome to the chat room!

OFFLINE

FAIVirtualGliding is
offline.

Learn more about
them on their channel!


▶ Visit FAIVirtualGliding

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[Full Schedule](#)

TODAY · 2:20 PM - 6:20 PM GMT+1

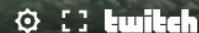
FAI eSports event - IGC Plenum demo

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NEXT SATURDAY · 2:20 PM - 6:20 PM GMT+1

FAI eSports event - IGC Plenum demo

 [Remind Me](#)



Send a message



Chat

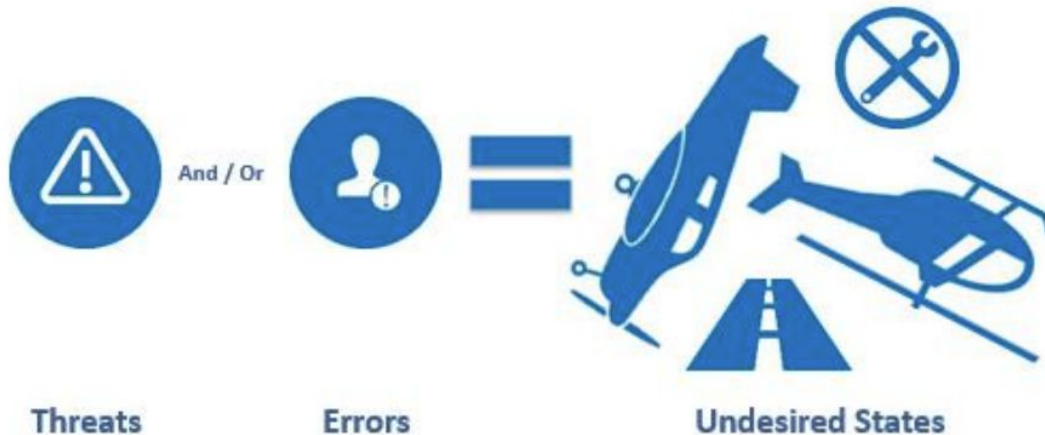
Social Medias

- Facebook: <https://www.facebook.com/FAI.Virtual.Gliding/>
- Twitch: <https://www.twitch.tv/faivirtualgliding>
- Youtube: <https://www.youtube.com/@faivirtualgliding>
- Instagram: <https://www.instagram.com/fai.virtual.gliding/>
- Discord: <https://discord.gg/G4RswW7Ruj>

You can find all of them, top right of our website!

Safety: TEM

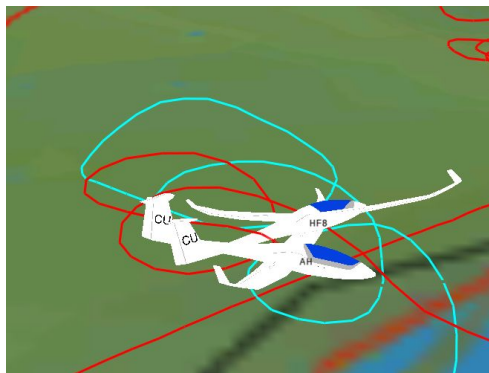
- Threats: fatigue, experience, attitude, weather, obstacles, other traffic
- Errors: incorrect calculations or input errors, inaccurate planning, mishandling the aircraft, incorrect systems operation or management, procedure or checklist errors
- UAS: unintended situation resulting in a reduction in safety margins. They lead to accidents.



TEM: What are the threats for the event?

- You are racing! A lot of excitement and a lot of gliders around you!
- The regatta start and the first kilometers are going to be VERY busy.
- 18m glider with full ballasts can be difficult to control. Take margins close to the ridge to avoid entering an UAS and lose control of the aircraft.

Before each flight, always try to identify the threats and anticipate what may happen.





Questions?

Send your questions:
fai.virtual.gliding@gmail.com



Enjoy this event!

The FAI Sailplane Grand Prix is the IGC flagship event for the **promotion of our sport** and both the Pavullo organizers and **the IGC look forward to your co-operation to maximize the publicity and promotion of this event and competitive gliding.**

The **Virtual Sailplane Grand Prix shares the same goals** and the organizers are acting in deep collaboration with the SGP, IGC and Pavullo teams.

The contest web site can be found at <https://www.virtualgliding.fai.org/virtual-sgp>

We encourage all competitors to seek personal sponsorship and will be very pleased to cooperate with them.



Thanks !



fai.virtual.gliding@gmail.com

269 Donat-Pierre LUIGI Ventus3-18

Altitude: 4107 m Speed: 226 km/h Vario: -5.3 m/s Distance flown: 150.5 km