FAI VIRTUAL GLIDING

2nd FAI Virtual Sailplane GRAND PRIX WORLD FINAL - 2023

AERO CLUB PAVULLO

BRIEFING

PRACTICE DAY

25/08/2023

FAI Virtual Sailplane
GRAND PRIX
WORLD FINAL - 2023

AeCI

CONI ITALIA COMITATO REGIONALE EMILIA ROMAGNA

THRUSTMASTER

Regione Emilia-Romagna

CAMERA DI COMMERCIO MODENA

FONDAZIONE DI MODENA

Provincia di Modena

FRIGNANO

Comune di Modena

CNA Modena

Lapam Confartigianato Imprese Modena - Reggio Emilia

CONFCOMMERCIO IMPRESE PER L'ITALIA

CONFESERCENTI MODENA

emilia

CONFINDUSTRIA EMILIA AREA CENTRO
Le imprese di Bologna, Ferrara e Modena

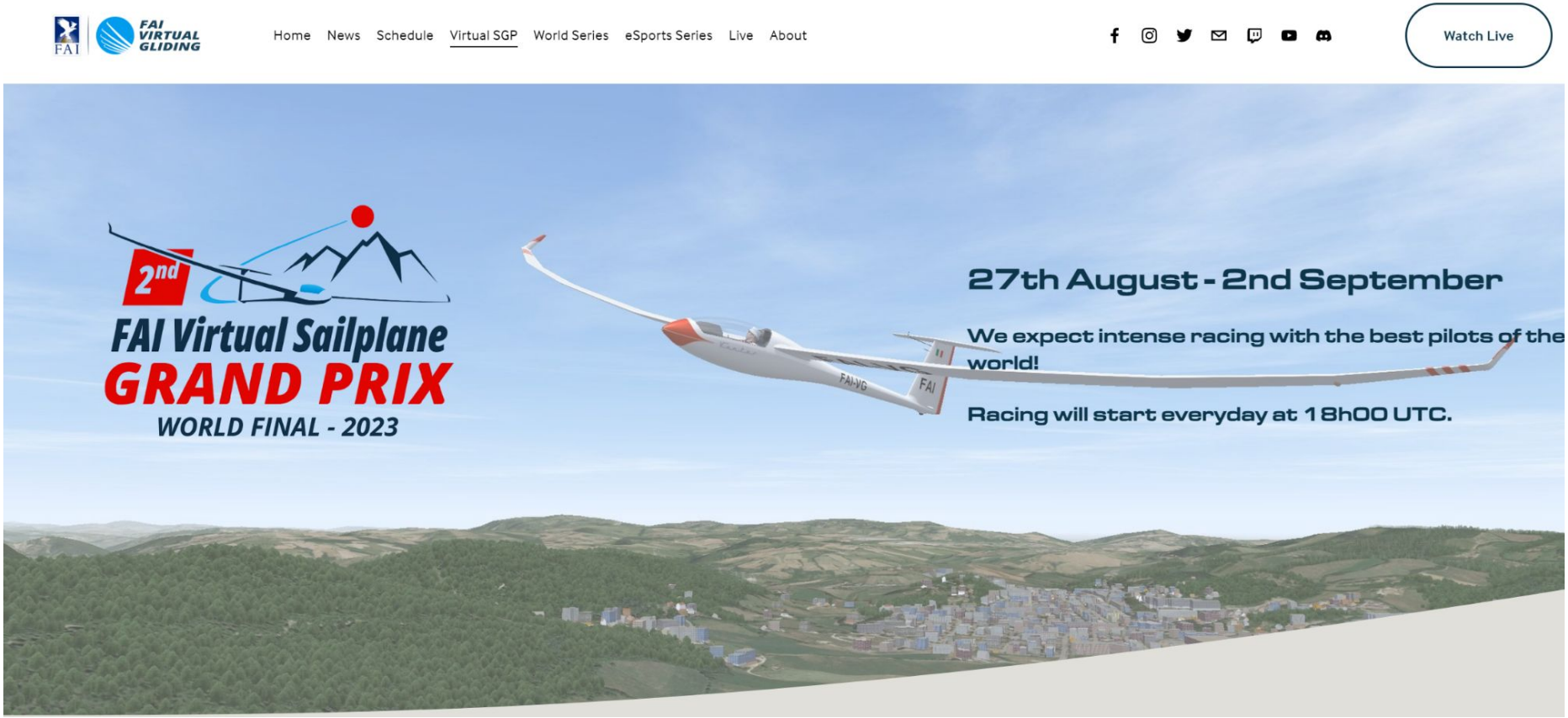
Program

- *Team of the 2nd Virtual SGP - WF2023*
- *Website & Calendar*
- *Schedule of the event & schedule of a competition day*
- *Landscape & Condor*
- *Reminder of SGP Rules*
- *Task*
- *Weather*
- *Arrival procedure LIDP for today*
- *Scoring*
- *Flight safety*
- *Communication channels*
- *TEM*
- *Questions*

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



Schedule of the event

2nd Virtual SGP - World Final 2023

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

Saturday 26th of August is a rest day.

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

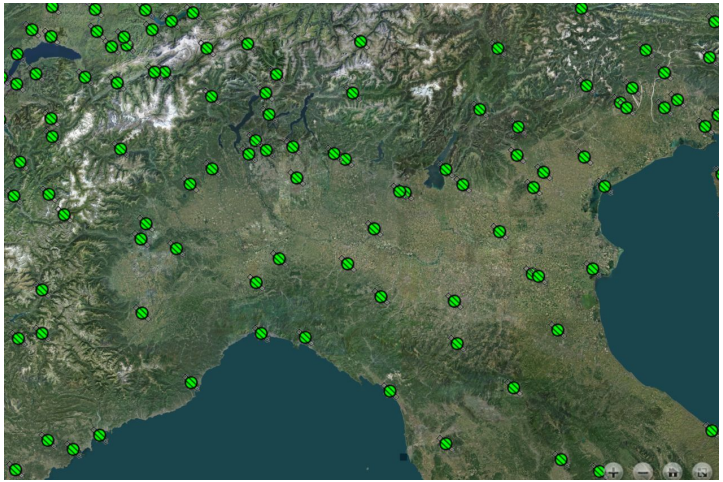
There is a backup server (B). You can fly on this one if you miss the join time. You will be alone, but you will be scored on Condor.Club.
The backup server starts 20 minutes later.

Landscape & Condor

The landscape is 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



Reminder SGP Rules

- Virtual SGP rules V1.3
- There is an adapted penalty table for Condor 2 as well
- Local procedures V1.3 in force

All rules available here: https://www.virtualgliding.fai.org/vsgp-rules

- 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! Land on the runway preferably..

- **Any abusive restart will be penalised by a 5 minutes penalty (check penalties table)**

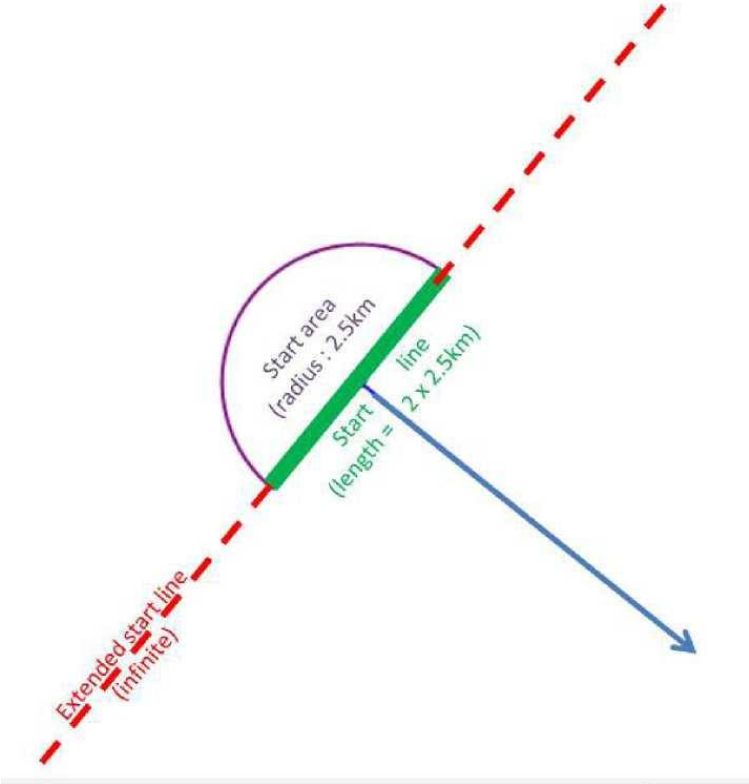
Grand Prix - Regatta Start

- 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 everywhere (not only in the Start Area). 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)



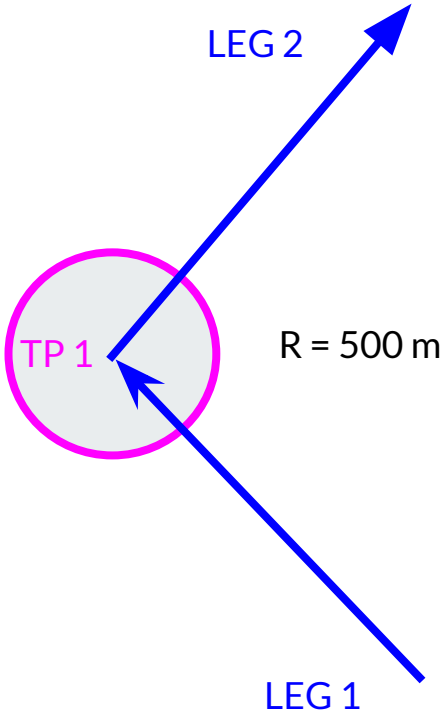
Turn points

- 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 today = 850m QNH !
- A reporting point will be set to align the gliders with the axis of the active runway, to make it safer.

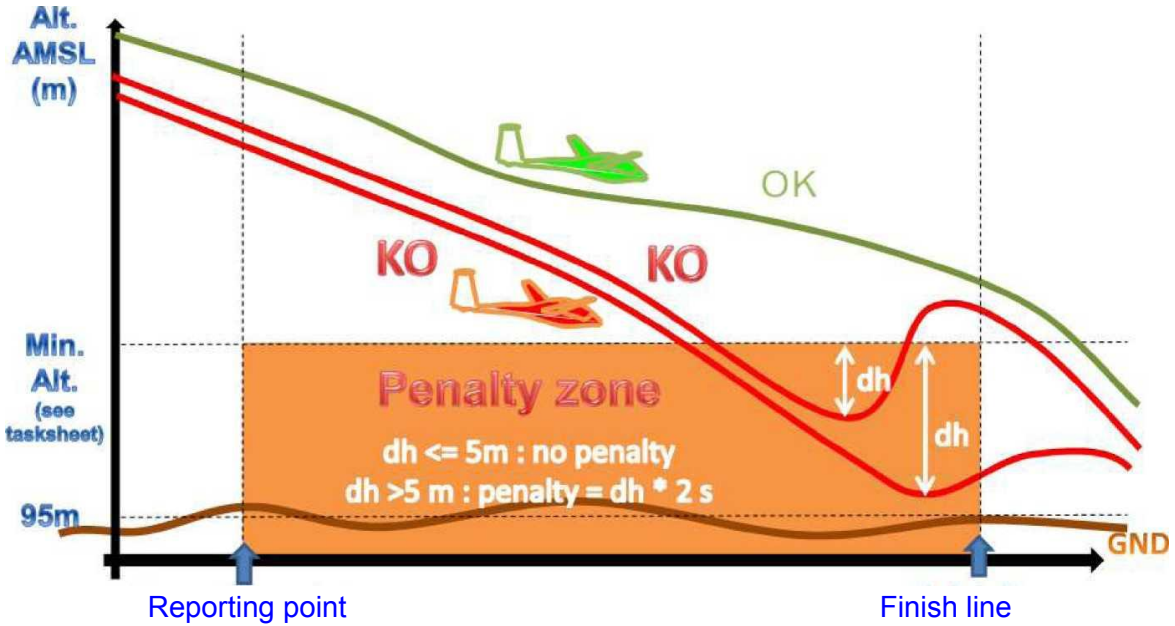
- Low pass below 850mQNH are not authorized, all gliders are going to land after a left hand downwind, runway 20.

- 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 when crossing the finish line : « [Competition N°] Finish line, left-hand downwind runway 20 landing »

Arrival penalties

- **TODAY minimum altitude for crossing the line will be = 850m! A penalty is applied: 3 seconds per meter below 850m when crossing the line!**
- Please do not pull up last minute but do a fairly straight final glide.



2nd Virtual SGP - World Final 2023

Practice 3 - official

Sim based on : 25/08/2023 at 12h00 (=13h20 IRL)
"Airborne" start : 2180 m QNH

Task : 244.2 km

- Start : **55**SAN BIAGIO - Line 5km - 1900mQNH
- TP1 : **02**COLLAGNA - Cylinder r500m
- TP2 : **70**LINARA - Cylinder r500m
- TP3 : **143**RONCOBIL - Cylinder r500m
- TP4 : **32**CENTOCROCI - Cylinder r500m
- Reporting Point : **51**MIRAGE- Cylinder r500m
- Finish line : **00** PAVULLO A - Line r250m Alt 850m

Start :

- Maximum Ground Speed : 170 km/h
- Maximum Altitude : 1900m QNH

Finish :

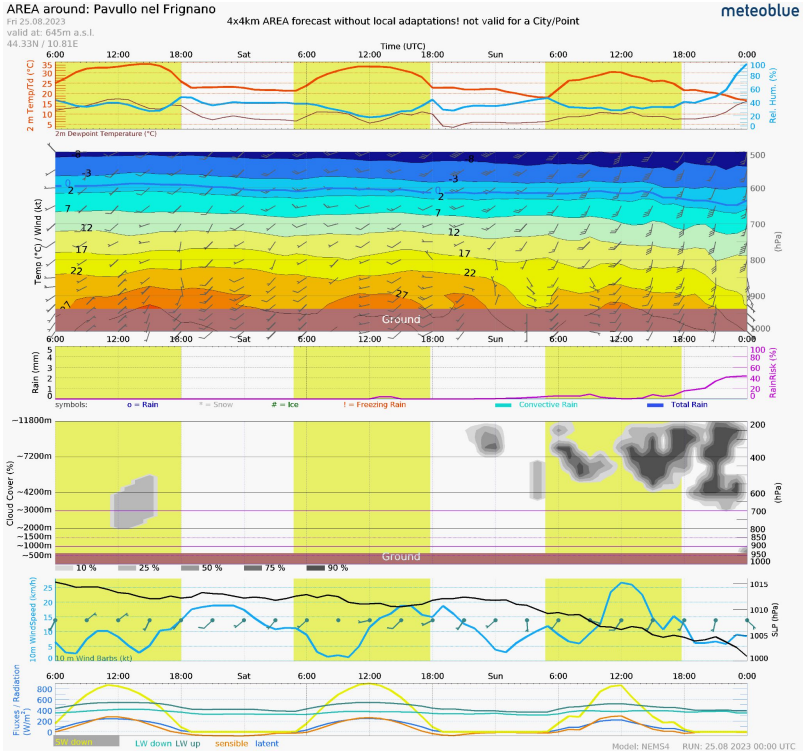
- Minimum Altitude : 850m QNH - MAX ALTI 1200m QNH
- Altitude Pavullo : 680m QNH

BE CAREFUL, WE MAY SET MAXIMUM ALTITUDES FOR ALL TPs + FINISH LINE FOR LIVE STREAMING PURPOSES.

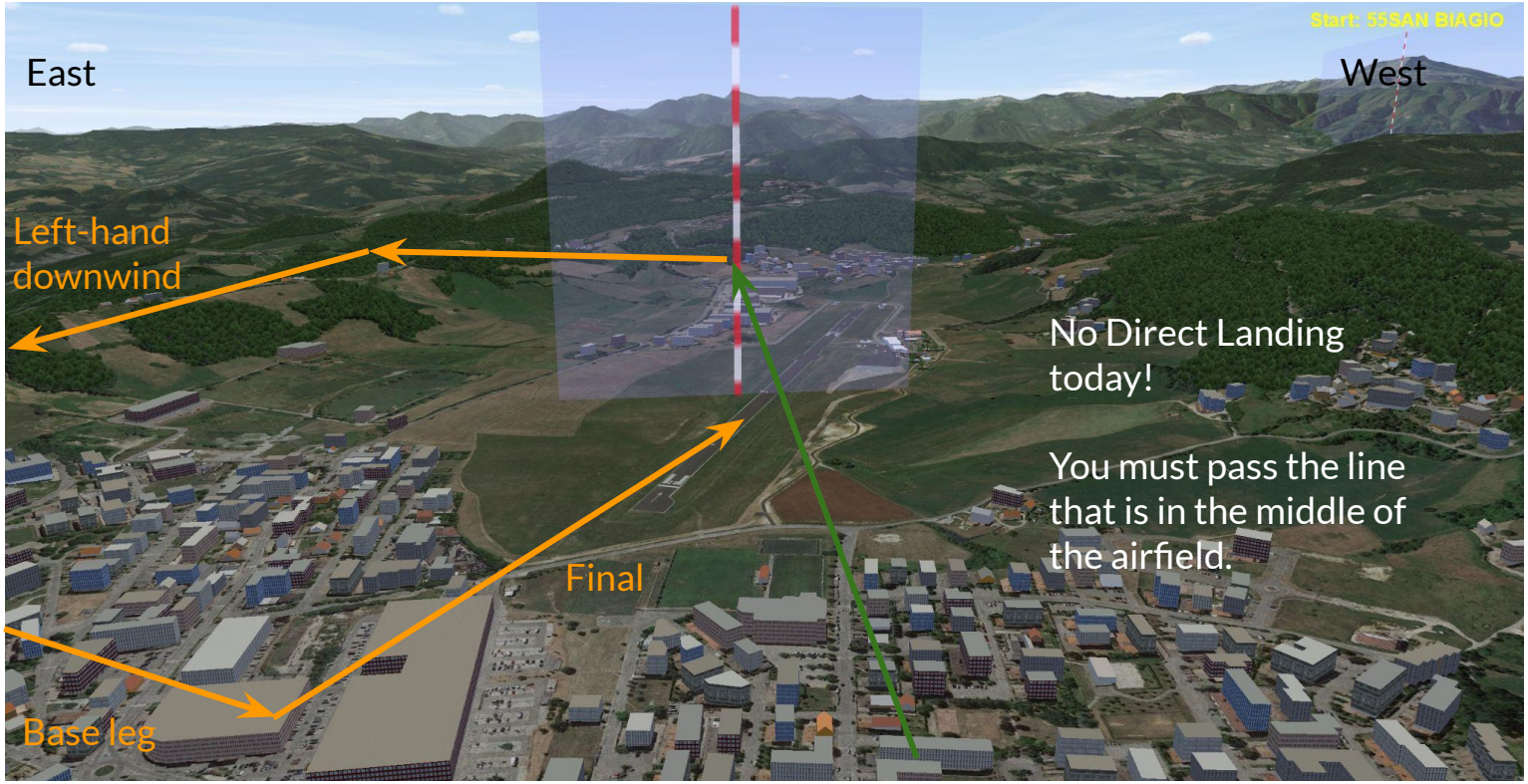
Weather in Condor VS Weather in Pavullo today

- QNH : 1013 hPa
- Wind : 224° / 12km/h
- Wind 3000m : 16km/h
- Wind 5000m : 20km/h
- Thermals : 2 to 3 m/s
- Ceiling : 2700 to 3000m QNH
- Cumulus : 1/8th
- Wave : none
- Cirrus clouds : 2/8

[More weather info here]



LIDP 20 - Arrival & Landing Procedure for TODAY



Low Pass at 850m QNH

18m Class - 48kg/m² MAX

Glider (18m)	*Water Loading (kg)*	*Wing Loading (kg/m²)*
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 controled by FAI)***

Scoring

- **You should send your FTR file maximum 15 minutes after landing, and at the latest at 23:30 LT (21:30 UTC)**
- **HERE:** https://www.condor.club/comp/show/0/?id=759

- 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.

- 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

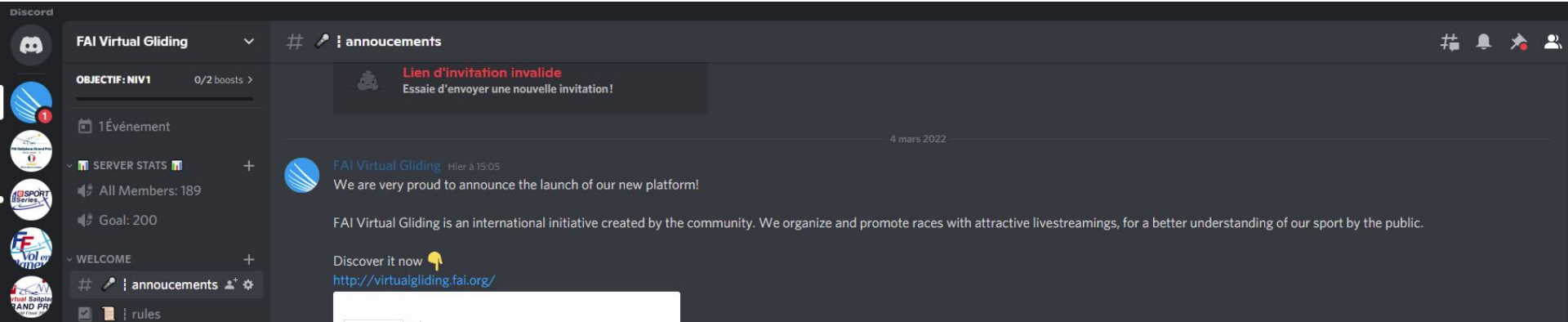
- Gliding is a game : you MUST be able to say STOP !
- Sheeple effect : Make your own choices, don't follow others mistakes.
- Mid-Air Collision : Look out! Avoid aggressive manoeuvers, respect the others.

- 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!

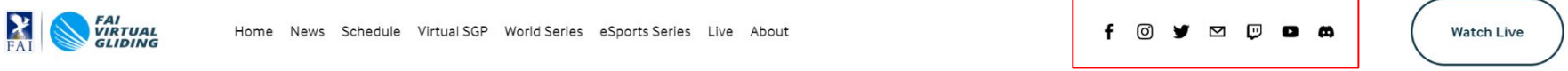
Communication channel

- 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



Social Medias

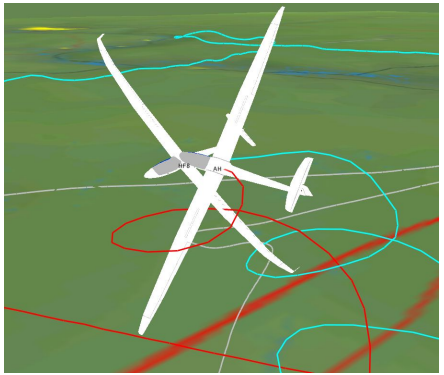
- Facebook: https://www.facebook.com/FAI.Virtual.Gliding/
- Twitch: https://www.twitch.tv/faivirtualgliding
- Youtube: https://www.youtube.com/@faivirtualgliding
- Instagram: https://www.instagram.com/fai.virtual.gliding/
- Discord: https://discord.gg/G4RswW7Ruj

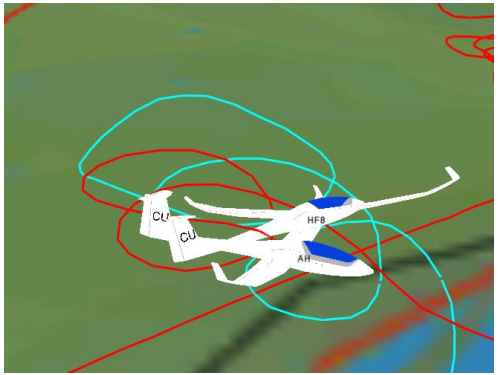


You can find all of them, top right of our website!

TEM: What are the threats for today?

- It's a training day, confirm that everything is working and fly at ease in the region.
- The regatta start and the first kilometers are going to be VERY busy everyday.
- Before each flight, always try to identify the threats and anticipate what may happen.
- **Should be easier than yesterday. Maybe more rhythm in the race.**





QUESTIONS?

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

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AERO CLUB PAVULLO

Thanks !

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269 Donat-Pierre LUIGI Ventus3-18

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