



Annual Meeting of the
FAI General Aviation Commission (GAC)

on **Saturday 18th February 2023**
in **Lausanne**

Version 05
17 FEB 2023

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1 Welcome and roll call of the delegates

- a) Call to Order
- b) Excused delegates & Proxies
 - DEN, Vagn JENSEN
 - ESP, Jesus MAS >> proxy to RSA
 - SVK, Jan CHUDY
 - USA, Art GREENFIELD >> proxy to GER
- c) Roll call of Delegates
- d) One minute silence for all those who passed away during the past year.
- e) Declaration of Conflicts of Interest

2 Approval of the Agenda

3 Approval of the minutes of the previous meeting

Zoom meeting on Saturday 20th November 2021

https://www.fai.org/sites/default/files/fai-gac21_zoom-meeting-minutes_211120-final.pdf

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4 Report on GAC activities during the year 2022

Report by the GAC President, Hans Schwebel

[*Annex 04 - GAC Activities report by Mr-Schwebel.pdf*](#)

5 Report on FAI activities during the year 2022

Report on FAI activities, by the FAI Representative

[*Annex 05 - FAI activities.pdf*](#)

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6 Past International Competitions Reports

25th FAI World Precision Flying Championship 2022, Albi (France)

[*Annex 06a – WPFC 2022, Albi – Jury report by Mr-Schwebel.pdf*](#)

[*Annex 06b – WPFC 2022, Albi – Chief Judge report by Mr-Osowski.pdf*](#)

[*Annex 06c – WPFC 2022, Albi – Championship Director report by Mr-Muller.pdf*](#)

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**25th FAI WORLD PRECISION FLYING CHAMPIONSHIP France - Albi (LFCI)
August 2022 20-27th
Competition Director's Report
Philippe MULLER**




Philippe MULLER

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FINAL RESULTS

Overall

1. Michal Wieczorek (POL)
2. Marcin Chrzaszcz (POL)
3. Petr Jonáš (CZE)

Team

1. Poland
2. France
3. Czech Republic

Congratulations to all

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6 Past International Competitions Reports

22nd FAI World Rally Flying Championships 2022, Brits (South Africa)

[Annex 06d – WRFC 2022, Brits – Jury report by Mr-Carriquiriberry.pdf](#)

[Annex 06e – WRFC 2022, Brits – Chief Judge report by Mr-Grunwald.pdf](#)

[Annex 06f – WRFC 2022, Brits – Championship Director report by Mr-Jonkers.pdf](#)

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RMK/ Report on WRFC Brits 2022

NOR makes a remark, that a transportation service to a opening/closing ceremony far away from public transport should be foreseen in future.

And NOR complains about their rejected wish to rent a C150 - organiser said a C150 is not allowed. But finally one nation used 150s. Rob declared those one were rated @ 150 hp.



22nd FAI WORLD RALLY FLYING CHAMPIONSHIP
Competition Director Report
Brits Airfield
North-West Province
South Africa
13th to 19th November 2022

Rob Jonkers
Brits Flying Club
SAPFA
100 YEARS 1910-2020
SASCO





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7 Sub-committee reports

Rally Flying by Frank Eckard, Chairman

[Annex 07a - Subcommittee RALLY report by Mr-Eckard.pdf](#)

Precision Flying, by Allen Hansen, Chairman

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Precision Flying Sub-committee

Annual Meeting – Lausanne– February 17th. 2023



Changes in Landing Appendix

Changes / new in yellow

Abnormal landing (Bouncing)

3.1.4. An aircraft is considered bouncing when both main wheels (or a sole main wheel) leave the ground after any touchdown, to a height of more than the diameter of the main wheel, or for a distance more than 15 m. A jump into a 5-meter box must be calculated this way: Box meters minus 4 meters, minus the measured lift-off point before.

Here we may add:

"If zero-line is crossed, 1 meter is added to calculation of length (due to zero field is 2 meters)"

Old 3.2.9. Any abnormalities after any bounce (as defined in points 1-8 above) must be considered as abnormal landing.

3.2.9. Any abnormalities (as defined in points 1-8 above) after any bounce (defined in 3.1.4) must be considered as abnormal landing.

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4. DISCIPLINE SPECIFIC RULES

4.1. PRECISION FLYING

4.1.1. The landing test will be run as a separate event to enable the participation of all international judges to judge the event.

Old 4.1.2. An official landing practice should be organized in order to run a final check of organization, staff, and systems involved in judging of landings. The two landings per pilot are required: Obstacle Landing and Idle power Landing without Flaps.

4.1.2. An official landing practice should be organized in order to run a final check of organization, staff, and systems involved in judging of landings. **At least one landing per pilot is required. It is recommended to have the official practice and landing competition on the same day.**

4.2. RALLY FLYING

4.2.1. Each landing will be from a normal approach, after the navigation flight, and as a normal landing (2.1.1)

▲ 4.2.2. If the tailwind component exceeds 5 knots, the pilot will be informed by radio, and the chief landing judge will attempt to change the landing direction. He will inform the competition director if this is not possible, in which case **the this** landing test of that stage will be cancelled.



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5. ORGANISATION RULES

5.1. TRAINING PRACTICE

5.1.1. Landing practice for each competitor may be limited to not more than 2 landings after a navigation practice. Landing practice may be limited in the week prior to the competition week. Each competitor should be allowed **at least** 4 landings, in practice, in the competition week and prior to the start of the championship. An appropriate schedule will be prepared by the competition director.

5.1.2. Daily flying should be restricted to 08.00 - 18.00

5.1.3. Training practice must not be interrupted for display or show practice or other activities seriously disturbing the training practice.

5.1.4. Organizer will provide equipment for obstacle landing, that must be available on landing strip for every national team.



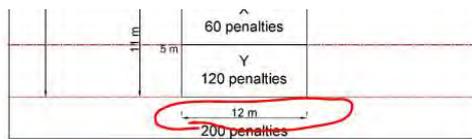
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5.3. INTERNATIONAL JUDGES AND OPERATIONAL OFFICIALS

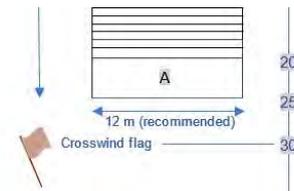


- 5.3.5. It should be made perfectly clear that although the jury will be present, even if the jury is present in the same locality and making their own notes, these are only usable as supporting evidence, should they be required to decide a protest. At no time will they seek to influence any decision made by the judges. However, the president of the jury may, if the opportunity occurs, offer advice to the international chief judge if requested.

Landing strip



12 meters (recommended) (to be changed in drawings)



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Changes in Precision Flying Rules

Changes / new in yellow



A.2.2 NAVIGATION TEST

- A.2.2.18. Use of receivers that determine their position by analysing satellite signals are allowed (GPS GNSS). Use of any electronic device capable of two-way communication is not allowed (iPad, tablets, mobile phones, any smart watch etc.). Equipment showing maps below scale 1:500,000 or enable plotting competition route is not allowed. Mobile equipment is not allowed to show any maps. Any electronic equipment and autopilots could be sealed and shall not be used during the competition except in case of emergency. Any broken seals could result in disqualification of the competitor.

A.5 GENERAL RULES

- A.5.2. In the event of a reduction in flying time, the competition director will discuss alternative tasks with the jury, international chief judge, and the team managers before issuing directives on how the championship will be concluded.
- A championship must include at least two flown navigation tests and two landings. When two navigation tests are flown and only two landings are taken into account, the landing penalties will be multiplied by two. When only one navigation test can be flown, or when less than two landings are taken into account, there will be a Competition Winner but not a Champion.

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A.10 TABLE OF PENALTIES

A10.1 FLIGHTPLANNING AND NAVIGATION

A.10.1.5 Altitude

- Flying below the minimum or above maximum altitude (each time / buffer 100 ft) It's up to the organizer to apply a technical margin of minimum 100 ft

500

500



B.2 VENUE

Old B.2.9

Special attention should be given to the placing and size of the flight planning/briefing room. For precision competitions the room should have ample space to hold sufficient tables with adequate separation between them when the pilots start at 3 -5-minute intervals.

B.2.10 Wi-Fi and internet access should be available at the airfield and accommodation.

B.2.9 Special attention should be given to the placing and size of the flight planning room. For competitions the room should have ample space to hold sufficient table with adequate separation between them when the pilots start at 3 -5-minute intervals.

B.2.10 Special attention should be given to the placing and size of the quarantine and briefing room. For competitions the room should have ample space to hold sufficient tables where pilot waiting can relax, be seated and be in the shade.

B.2.11 Wi-Fi and internet access should be available at the airfield and accommodation.

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Approval of the proposed changes in rules.

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Hope to see you in 2024 ☺

Best Regards

Allan Hansen



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Air Navigation Race Subcommittee Meeting

2023 FAI GAC Meeting – Lausanne SUI

17th of February 2023

AGENDA

Air Navigation Race subcommittee



Friday, 17th February 2023

Welcome and roll call of the members and guests

ANR Rules & Regulations Suggestions and Amendments 2023

How you can check the accuracy of your competition map

Up-coming Events / Reports

...and for sure Coffe breaks!



Welcome of the members and guests



Please fill in the attendance list. Merci!



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Welcome of the members and guests



Firstname	Lastname	Country	email
Maurice	Ducret	Switzerland	maurice.ducret@gmail.com
Armin	Züger	Finland	armin.zuger@bilot.fi
Heinrich	Schawalder	Switzerland	he.schawalder@bluewin.ch
Katarina	Pohankova	Slovakia	pohankovakatarina@gmail.com
Ann-Sophie	Tersmeden	Sweden	annso.tersmeden@gmail.com
Andreas	Solomon	Cyprus	info@caf.org.cy

Excused:
Jesus Mas

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AGENDA

Air Navigation Race subcommittee



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ANR Rules & Regulations Suggestions and Amendements 2023



- **Judge flying outside altitude limits**, Håkan Carlsson, Swedish GAC delegate

"After WPFC in Albi I think we must discuss how to judge flying outside altitude limits, see attached document. Now when we just start to use this rule it is important, we all judge in the same way."



Microsoft
Word-Dokument

- **ANR sub comm decision:** No change to the ANR R&R this year (planned for Edition 2024) but will taken up into the ANR "bucket list" (Excel sheet, Decision Action List, ANR R&R to be implemented into A.8.1.4). -> *It's up to the organizer to apply a technical margin of minimum 100ft (but already considered for WANRC Slovakia 2024).*

- **ANR Decision Action list 2023:**



ANR_R&R_History
_Decision

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ANR Rules & Regulations Suggestions and Amendments 2023



- **Landing appendix.** Written together in the PP-file picked from the proposals of France and Poland (sent from Allan).



- **ANR sub comm decision:** Will be discussed and decided in the combined Sub comm meeting.

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AGENDA

Air Navigation Race subcommittee



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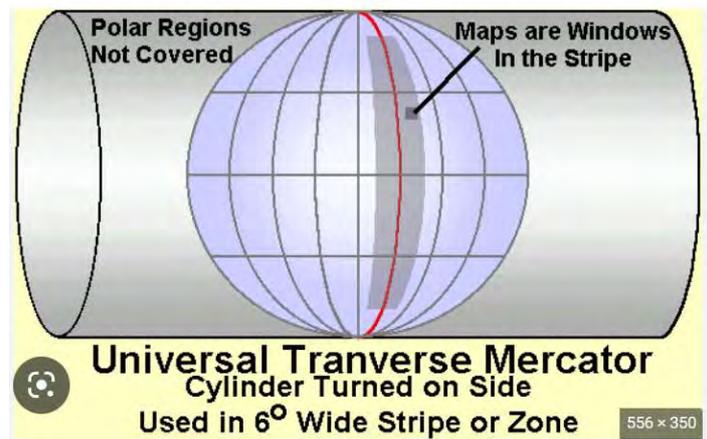
Coordinate reference system (CRS)

- Different maps have different coordinate reference systems (CRS)
- There are many, many country-specific projections
- Projections can be identified by EPSG code (e.g. EPSG : 4326)
- EPSG = European Petroleum Survey Group

UTM

- In aviation, we often assume that a coordinate system means degrees, minutes, seconds...
- Many national coordinate systems use directly (or are derived from) an UTM (Universal Transverse Mercator) coordinate system
- **The UTM coordinate reference system uses meters (or kilometers) as a unit (distance from Meridian). "Easting", "Northing"**

UTM



UTM



The UTM system is a global coordinate system. It divides the earth's surface into 6° wide vertical zones, which are individually leveled with the most favorable transverse Mercator projection and covered with a Cartesian coordinate system.

Geo-referencing

- Geo-referenced image

- An additional small text file that comes together with the image
- This additional file “links” coordinates with the pixels of the file (corner points of the file)
- The file extension of the world file depends on the image file:

- *.jpg => jwg
 - *.tif => twf

```
uor5_response.json | cat |  
0.0002302175  
0.0000000000  
0.0000000000  
-0.0002302175  
22.6399827702  
60.2391220655
```

WGS 84 Coordinate reference system (CRS)

- WGS = World Geodetic System
 - Most online maps, such as Open Street Map, Google Maps, Google Earth use the WGS 84 coordinate reference system (EPSG 4326)
 - maps in a national CRS (not WGS 84) usually require reprojection
- = conversion from source CRS to WGS 84 CRS, using software

Additional documentation

- More documentation about maps / reprojection:
[https://github.com/ArminZ/ANR Scoring And Visualisation/releases/tag/v2.1.0](https://github.com/ArminZ/ANR_Scoring_And_Visualisation/releases/tag/v2.1.0)
- [Basics: Maps and map conversion \(UPDATED 2020\)](#)
- [Maps: scan and import your own maps \(UPDATED 2020\)](#)
- [Route generation with Google Earth](#)

Checking how well your Map fits

- Open source data is available from many countries
- Usually already georeferenced
- Needs conversion (reprojection) to WGS 84 CRS

If your map image is

- in WGS 84 Coordinate reference system
- is geo-referenced

...then you can create an **overlay in Google Earth**

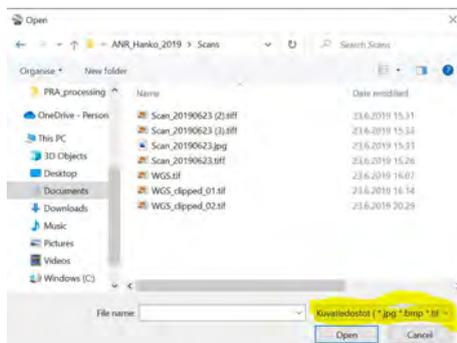
Overlay in Google Earth

- Image file and world-file must have the same name
 - (file extension is different)
- Both must be in same folder
- Example below

 WGS_clipped_02.tfw	23.6.2019 20.29
 WGS_clipped_02.tif	23.6.2019 20.29

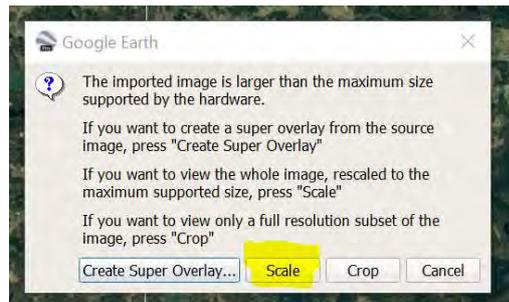
Overlay in Google Earth

- Google Earth: Open...
- Set File Selector to "Image files"
- Select the image file (which has a corresponding world-file)



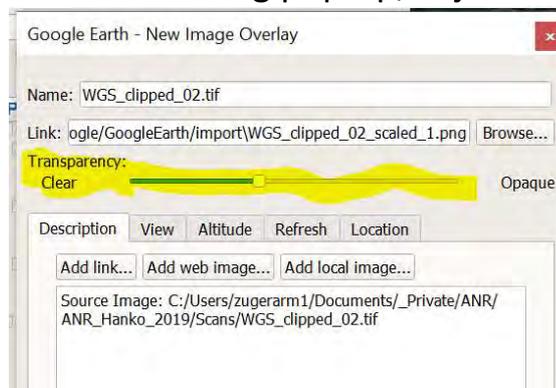
Overlay in Google Earth

- Google Earth: Open...
- Set File Selector to "Image files"

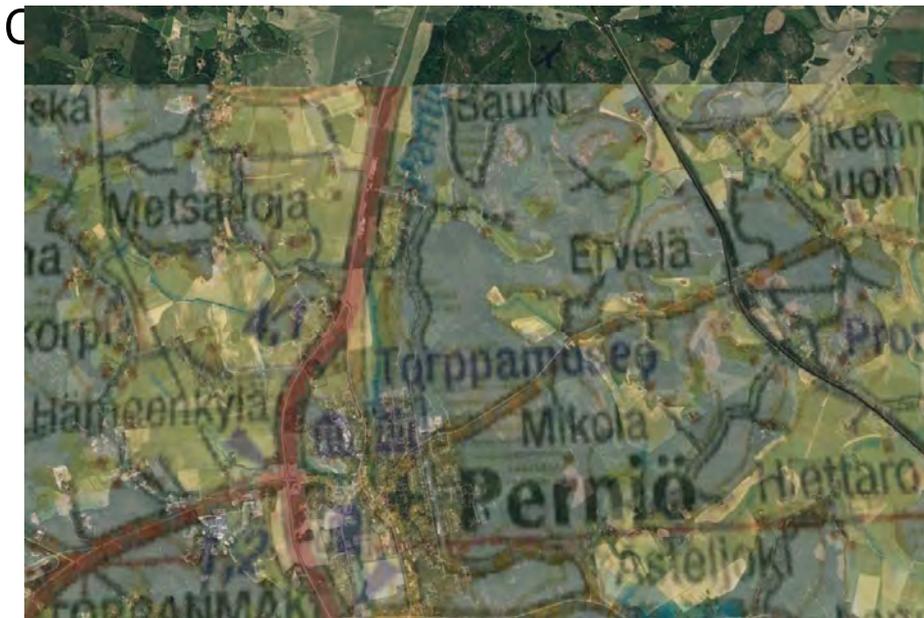


Overlay in Google Earth

- In the following pop-up, adjust the transparency



Overlay in Google Earth



Summary

- The message is:

If your map image is

- in WGS 84 Coordinate reference system
- Is geo-referenced

...then you can create an **overlay in Google Earth**

And check how well the image matches Google Earth details

Useful Links

Software releases (latest version first)

https://github.com/ArminZ/ANR_Scoring_And_Visualisation/releases

all following links can be found on the same page when you scroll a bit down

Documentation (including instructions and sample data)

https://github.com/ArminZ/ANR_Scoring_And_Visualisation/releases/download/v2.2.0/Documentation_2021_07_27.zip

Youtube videos:

Basics: Maps and map conversion (UPDATED 2020)

<https://www.youtube.com/watch?v=AxfkdMK2eQ>

Maps: scan and import your own maps (UPDATED 2020)

<https://www.youtube.com/watch?v=PXTeL1Xo4sY>

Route generation with Google earth

<https://www.youtube.com/watch?v=PrMDthexN5M>

AGENDA

Air Navigation Race subcommittee



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Up-coming Events / ANR News



- 4.-7. May 2023 **PFA Training** (PF, Rally & ANR) Mengen (GER)
www.pfa.ch
- 18.-21. May 2023 57. Int. Allgäuflug 2023 (with ANR parcours)
www.fliegergruppe.de/allgaeuflug/
- 10./17. June 2023 **ANR Event** Biel-Kappelen (SUI) www.pfa.ch

- **3rd FAI World ANR Championship 2024, Slovakia – Final BID**



FINAL BID.pdf

- **ANR sub comm:** *"Great work, well done Slovakia! The ANR sub comm recommends to accept & release the Final BID in the GAC Plenary Meeting!"*

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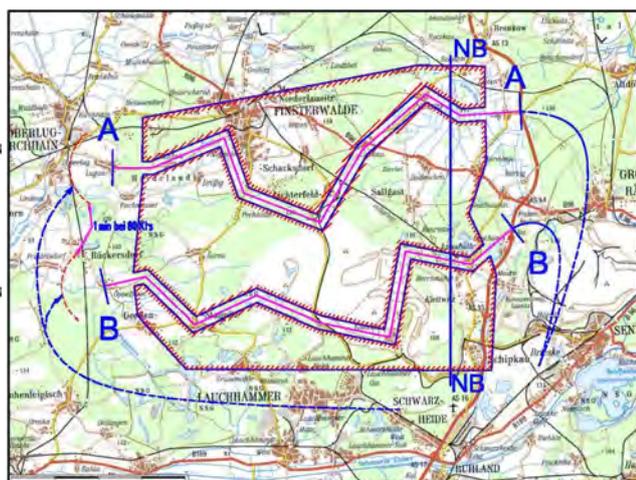
Report Spain (Jesus Mas)



"Briefly I would like to inform you about the ANR activity in Spain during the last year and for this year 2023:
 During last year three ANR competitions were held, two of national character and the ANR Spanish Championship 2022.
 For this year we plan to hold **two competitions, one national and the ANR Spanish Championship 2023 to be held in Castellon - LECN from 20th to 22th October and we intend to make it Open so that pilots from nearby countries can participate and we request that it is Class II FAI.**
 We will publish the **Local Rules in May** with. Registration will **be free for the first 5 crews with FAI Licence** (including meals and hotel) (will be informed in the Local Rules that we will publish).
 We would like to invite a member of the International Jury, who we would like to be you, to give the competition and at the same time we will be able to establish "in situ" the difference of criteria in Spain regarding the way of penalizing precision landings, for combined classification purposes, in order to discuss it at the next GAC meeting in 2024.
 We have been working on **eSports** for some time and since the end of 2022 we have had the **MyANR training tool** for flight simulators operational. By means of a plugin, of our own creation, it records the flight data and sends it to the system for evaluation and subsequent analysis. This allows access to the ANR competition to a large group of flight simulation enthusiasts and introduces them to the world of sporting competition. At the same time it becomes a new training tool for (real) pilots, who through MyANR-virtual can train at home the possible scenarios they will encounter in real competitions.
 In **October, during the OPEN test**, together with the new features of the **ANR/COMPETITION** application, we will make the official presentation of **ANR VIRTUAL COMPETITION**.
 We are convinced that this new modality will allow the creation of virtual competitions and championships all over the world and is set to become a new attraction for aviation fans.
We would like to add that, if there is no country interested in organizing the follow ANR World Championship, Spain would be willing to organize it.

Greetings to all colleagues attending the meeting.
 Always at ANR's disposal"

Open discussion



	Dist.	77	EET	ETO
TO				
SP				
TP1				
TP2				
TP3				
TP4				
TP5				
TP6				
TP7				
TP8				
TP9				
FP				
=				

Airways = 0.4 NM
 Time = 12' / 80 Kts
 Dist. = 16 NM

2011
 Test-Parcour
 Schipkau

Scale	1:200'000
Author	John DUCRET
Date	September 2011
Version	Maurice DUCRET

My coordinates



Maurice Ducret
Neuhofweg 42
3400 Burgdorf
Switzerland

Tel. Mobile: +41 79 232 33 31
Tel. Private: +41 34 423 70 77

maurice.ducret@gmail.com

www.pfa.ch

Skype: airduc

... or just 47.05907°N / 7.62792°E ☺

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Air Sports Live Tracking



Norway's live tracking system is developed by 2 of our pilots on a voluntary basis and the system is now being used by several nations worldwide.

The system runs on a minimum cost basis, which means the capacity isn't very good.

To be able to handle the increased number of users they need to expand their capacity and rent more serverspace to get redundancy.

The main cost is for server capacity in the cloud and these costs are now getting too high for these two pilots and the Norwegian Airsport Federation alone.

This is not a product that can be bought, but a service that can be supported financially.

So their question is if there are funds in the FAI/GAC to use for this? Annually support? Will it be possible for the different NAC to support the system financially?

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Air Sports Live Tracking



Budget for Air Sports Live Tracking

Estimated annual server cost 2023 (minimum capacity)	€ 12.000,- (€ 4.500 for absolute minimum capacity)
Basic maintenance 2023	€ 2.000,-
Operational costs 2023	€ 1.000,-
Need of financial support 2023:	€ 15.000,-

Budget APP 2023

Estimated App Revenue: 2.000,-

Estimated App Costs: 2.000,-*

* includes part down payment for development

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Air Sports Live Tracking



We have 2 short videos presenting the system on the following links:

NRK PROMO

<https://www.youtube.com/watch?v=jywBZyqcL1Q>

ANR NORWAY

<https://www.youtube.com/watch?v=H0g96yrTOMw>

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Annex 07d - Subcommittee Records report by Mr-Greenfield.pdf

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8 Technical Matters Reports

CASI, by Art Greenfield

Annex 08a – CASI report by Mr-Greenfield.pdf

FAI Environmental Commission, by Henry Lindholm

Annex 08b - report by Mr-Lindholm.pdf

Technical Adviser GNSS, by Ralf Grunwald

Annex 08c - GNSS report by Grunwald.pdf

Webmaster, by Frank Eckard

Annex 08d – WEBMASTER report by Mr-Eckard.pdf

Technical Adviser Long Range Air Racing, by Jean Birgen

Annex 08e - LONGE RANGE Report by Mr-Birgen.pdf

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RMK/ Long Range Air Racing

A French organiser (Daniel) of yearly CAT2 events might be interested to take the business over from Jean Birgen.



9 Future International Competitions

a) Update on 23rd FAI WRFC 2023, Mâcon (FRA)

France may present updates.

<https://wrfc2023.com/regulations-and-documents/> = Local Rules

b) 3rd FAI World ANR Championship 2024, Slovakia

The Slovak Republic is interested in hosting a WANR.

Annex 09b - WANRC-2024_SVK_pre-bid.pdf

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23th World Rally Flying Championship

30 July
5 August

MÂCON 2023

MÂCON 2023
FRANCE
WORLD RALLY FLYING CHAMPIONSHIPS

FFA
Fédération Française Aéronautique

Final Presentation

Participants

EQUIPE	CREW	MANAGER	ENGINEER	INTER. JUDGES	OBSEVER JUDGE	ACCOMPAGNYED	TOTAL
SOUTH AFRICA	6	1		2	2		15
GERMANY	7	1				1	16
AUSTRIA	2	1		1	1		6
CHILE	1						2
CHINA	3	1			1		7
CYPRUS	2	1		1			6
SPAIN	4	1			1		9
FRANCE	6	1		2			15
GREAT BRITAIN	2	1		1			6
ITALY	2	1				2	7
NORWAY	2						4
POLAND	9			1			19
PORTUGAL	3	1		1	1		8
CZECH REPUBLIC	6	1		1			14
SERBIA	1	1					3
SLOVAKIA	4	1		1			10
SWITZERLAND					1		1
	60	13		11	7	3	148



23th WORLD RALLY FLYING CHAMPIONSHIP - MACON - 30 July to 5 August

Main modifications about local rules sent in december

1 - Scheduled modification

Tue 25 JUL – Sat 29 JUL 2023 Practice days

Sat	29 JUL 2023	OPENING CEREMONY (end of afternoon)
Sun	30 JUL 2023	Final registration, GENERAL BRIEFING
Mon	31 JUL 2023	1 st NAVIGATION
Tue	1 AUG 2023	2 nd NAVIGATION
Wed	2 AUG 2023	3 rd NAVIGATION
Thu	3 AUG 2023	4 th NAVIGATION
Fri	4 AUG 2023	Reserve Day or Excursion and CLOSING DINNER AWARDS CEREMONY
Sat	5 AUG 2023	AIR DISPLAY and DEPARTURE



23th WORLD RALLY FLYING CHAMPIONSHIP - MACON - 30 July to 5 August

Main modifications about local rules sent in december



2 – Hotels

Due to the big number of participants, delegations will be split in 2 hotels

MERCURE



IBIS CRECHES



23th WORLD RALLY FLYING CHAMPIONSHIP - MACON - 30 July to 5 August

Main modifications about local rules sent in december



3 - Aircrafts

Some rental aircraft will have to be shared also between different countries

23th WORLD RALLY FLYING CHAMPIONSHIP - MACON - 30 July to 5 August

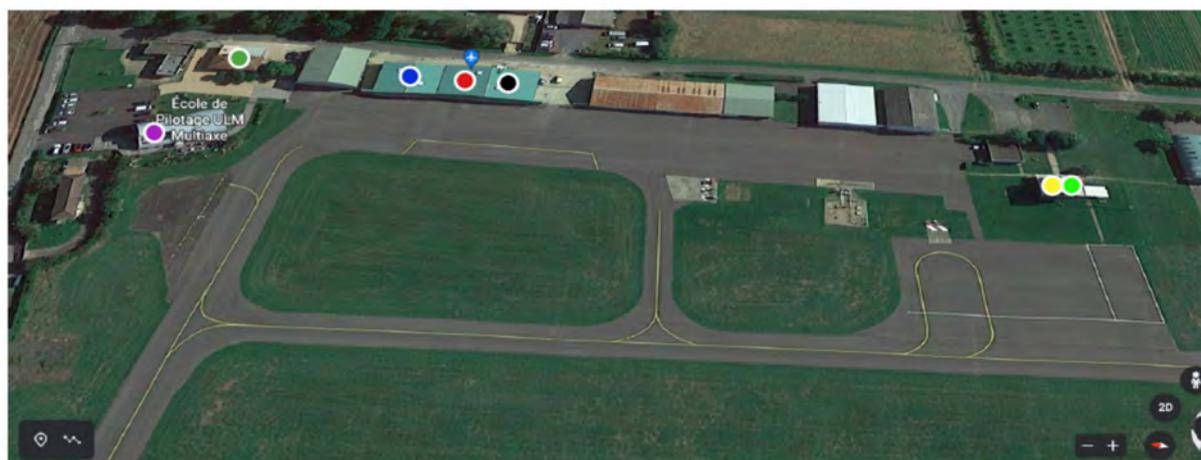
Officials



President of the Jury	Paul SZAMEITAT, AUT
Jury Member	Hans SCHWEBEL, RSA
Jury Member	Jao FRANCISCO, POR
=====	
International Chief Judge	Ralf GRUNWALD, GER
=====	
Local Chief Judge	Jacques CARRIQUIRIBERRY, FRA
=====	
Scoring Manager	Thomas WEISE, GER
Assistant	Joël TREMBLET, FRA
	Christian COTE COLISSON, FRA
=====	
Competition Director	Philippe MULLER, FRA Route Planner Philippe ODEON, FRA

23th WORLD RALLY FLYING CHAMPIONSHIP - MACON - 30 July to 5 August

Airfield organisation



23th WORLD RALLY FLYING CHAMPIONSHIP - MACON - 30 July to 5 August

Official Web Site



<https://wrfc2023.com/>

23th WORLD RALLY FLYING CHAMPIONSHIP - MACON - 30 July to 5 August

Questions



23th WORLD RALLY FLYING CHAMPIONSHIP - MACON - 30 July to 5 August

Teaser



Fédération Française Aéronautique



23th WORLD RALLY FLYING CHAMPIONSHIP - MACON - 30 July to 5 August



9 Future International Competitions

- a) **Update on 23rd FAI WRFC 2023, Mâcon (FRA)**
 France may present updates.
<https://wrfc2023.com/regulations-and-documents/> = Local Rules
- b) **3rd FAI World ANR Championship 2024, Slovakia**
 The Slovak Republic is interested in hosting a WANR.
[Annex 09b - WANRC-2024_SVK_pre-bid.pdf](#)

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9 Future International Competitions

b) 3rd FAI WANR 2024, Slovakia

We found a host:

[Annex 09b - WANR-2024_SVK_final-bid.pdf](#)



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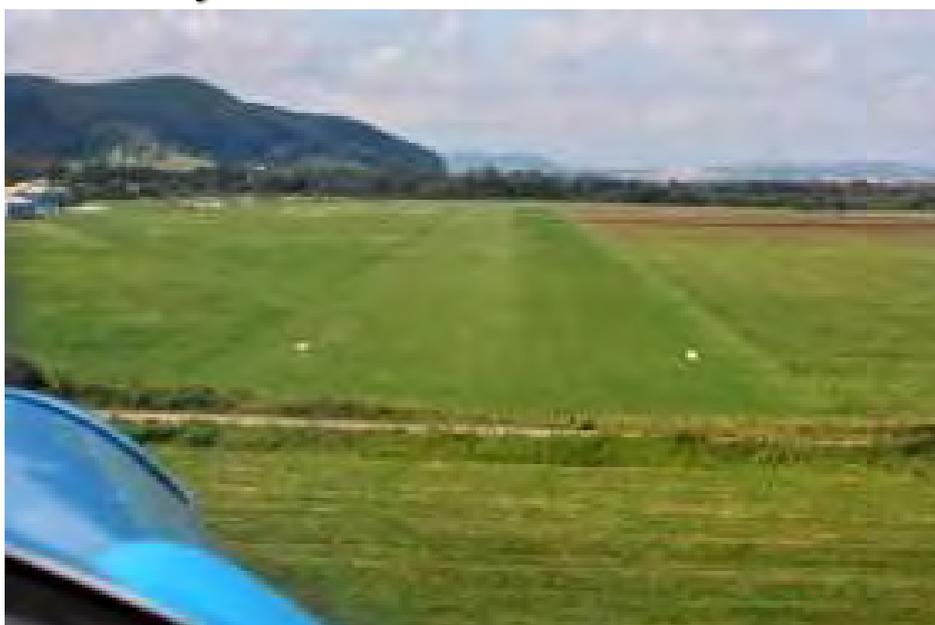
RMK/ WANR Bid 2024

Officials are still missing / Scoring by Martin Hrivna, if approved by Maurice

Date of the event should be in combination with the WPFC'24 Preliminary bid is accepted by the meeting

3rd WANR Kamenica 2024

7th – 14th July



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3rd WANR Kamenica 2024



2. Name and Address of the Organization Appointed to Organizing the Event

AEROCLUB Kamenica nad Čirochou
 Airport Kamenica nad Čirochou
 Štefánikova 4
 066 01 Humenné
 SLOVAK REPUBLIC

Other communications:

Phone: +421 57 788 88 88

Mobile: +421 908 333 233
 +421 903 465 284

E-mail: aeroklubkamenica@gmail.com

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3rd WANR Kamenica 2024



4. Name and Address of the Competition Director

Prof. Ing. Antonín Kazda, CSc.
 Marček 74
 013 32 Svederník
 Slovak Republic

Mr. Antonín Kazda was for many years representing Slovakia as a member of Slovak national team in air rally and precision flying.
 Currently he is FAI JURY MEMBER and FAI INTERNATIONAL JUDGE for Slovak republic.

Proposed Competition Director, Mr. Antonín Kazda is experienced in running an event under the FAI GAC RULES AND REGULATION for AIR NAVIGATION RACE CHAMPIONSHIP.

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3rd WANR Kamenica 2024



5. Proposed Date of the Venue

Alternatives of **3rd FAI WORLD AIR NAVIGATION RACE CHAMPIONSHIP 2024** of Venue dates

Alternative 1 (Preferable by organizer)

July 2 – July 6th, 2024 Unofficial practice

July 7th – July 14th, 2024, official competition days

Alternative 2

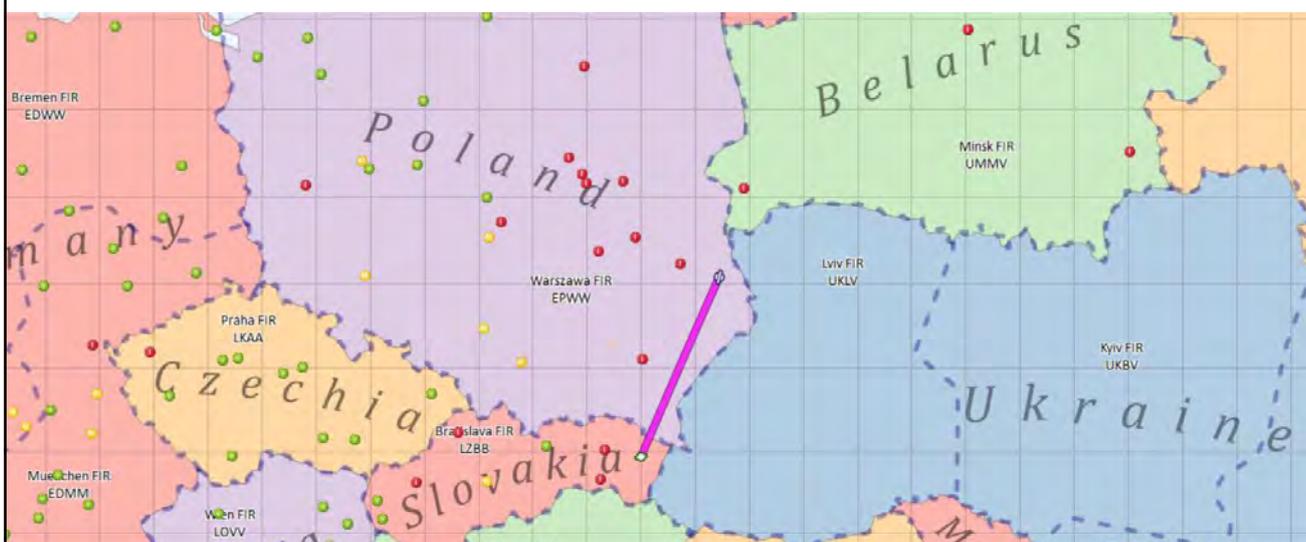
August 12 – August 16th, 2024 Unofficial practice

August 17th – July 24th, 2024, official competition day

During the proposed period for venue, the weather conditions in the Venue area are stable with good visibility, temperature from 20°C to 30°C and light wind.

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3rd WANR 2024 7th – 14th July (17th – 24th August)
26th WPFC 2024 29th July – 11th August



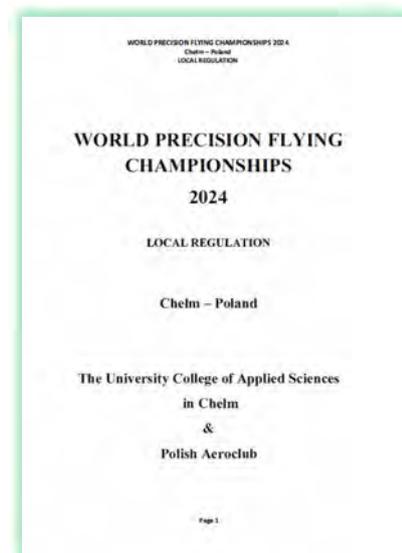
78

9 Future International Competitions

c) 26th FAI WPFC 2024, Poland

We found a host:

[Annex 09d - WPFC-2024_POL_final-bid.pdf](#)



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RMK/ WPFC Bid 2024

Officials are missing

Date of the event should be in combination with the WANR'24 Preliminary bid is accepted by the meeting!

26th WPFC Chelm 2024

29th July – 11th August



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9 Future International Competitions

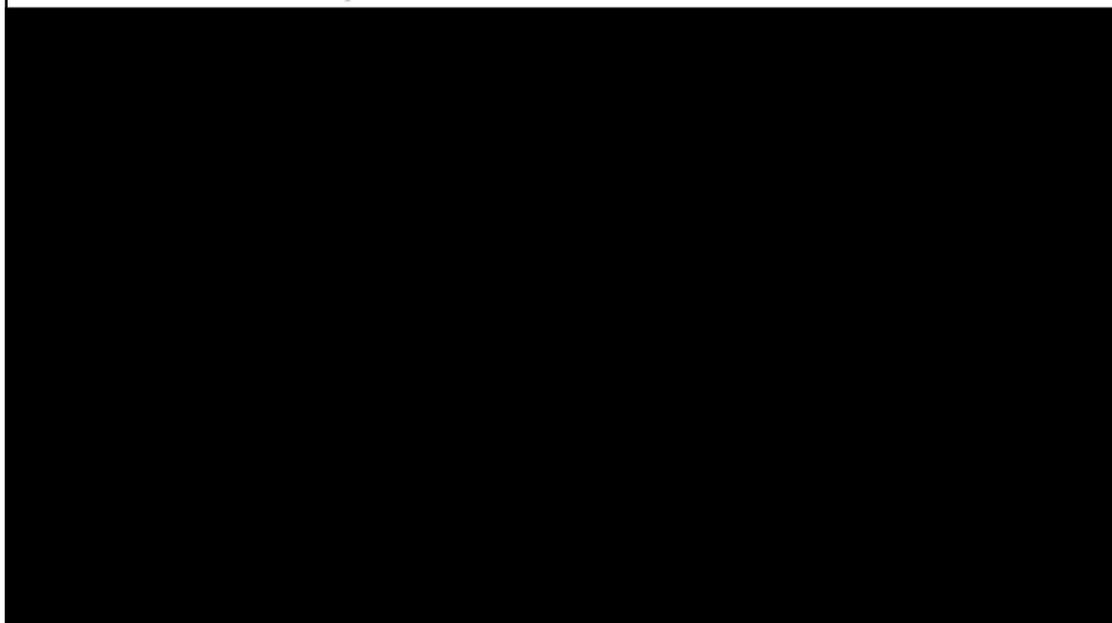
d) 24th FAI WRFC 2025, Ferrara (ITA) Italy presents a preliminary bid.

[Annex 09c - WRFC-2025_ITA_pre-bid.pdf](#)



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24th WRFC Ferrara 2025 1st – 8th September





10 Other Competitions

Long Range Rally

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11 Finance

Report on finance by the Treasurer Ralf Grunwald

[*Annex 11a - Financial Report 2022 by Mr. Grunwald.pdf*](#)

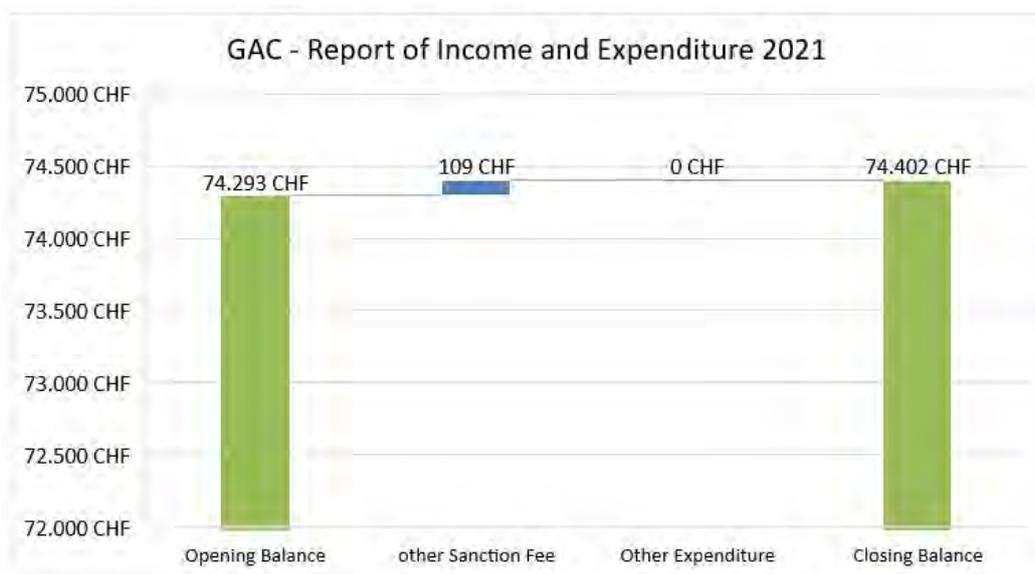
Proposed Budget 2023

[*Annex 11b - Proposed Budget 2023 by Mr. Grunwald.pdf*](#)

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11 Financial report 2021

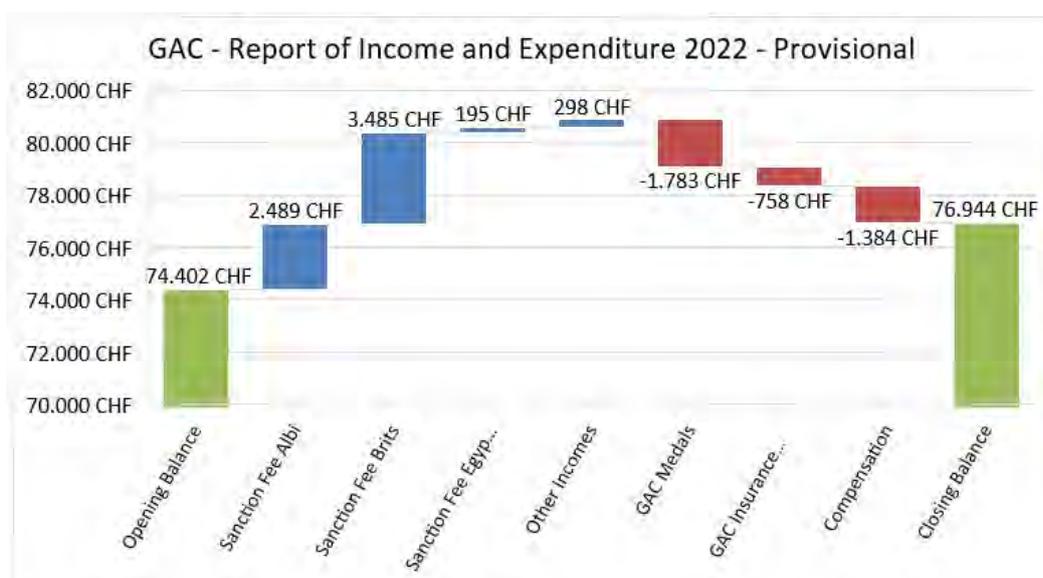
Net result = 109 CHF +



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11 Financial report 2022

Net result = 2.542 CHF +



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11 Outlook 2023



We started the budget process for 2023 in June last year. This has been completely revised and now contains several stages of revision.

Sanction Fee WRFC Mâcon, France	5.000 €
Sanction Fee CAT II event	200 €
FAI medals, diplomas, and other costs	-1.500 €
GAC Insurance (Officials)	-800 €
Presidents travel expenses	-2.000 €
GAC website hosting and domain	-165 €
Sport development	-500 €
Net Result	235 €

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RMK/ The meeting approved the presented budget for 2023.

(Dealing with commission reserves; Markus states reserves are accessible, but the executive board wishes to be preinformed about planned expenses out of the reserves.)

12 Awards

Charles Lindbergh General Aviation Diploma:

SVK Ján ŠABLĀ

[Annex 12a - Nomination for Charles Lindberg Diploma by SVK.pdf](#)

13 Other Business

Anti-Doping



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RMK/ The conference confirmed the award for Mr. Ján ŠABLĀ.



14 Elections & Appointments

a) Present positions held (Nov. 2021 – Feb. 2024 *)

* President Rodney Blois announced in line with other FAI Commissions in Nov. 2020: From the election in 2021 on, of the office bearers will be elected for a 2-year-term. As we now moved our regular meeting from Nov. to Feb., the next elections will be held in Feb. 2024.

Bureau

President	Mr. Hans SCHWEBEL
1st Vice President/Secretary	Mr. Manfred KUNSCHITZ
2nd Vice President/Treasurer	Mr. Ralf GRUNWALD

Sub-committee Chairmen

Precision Flying Sub-committee	Mr. Allen HANSEN >>> Esther RIMENSBERGER
Rally Flying Sub-committee	Mr. Frank ECKARD
Air Navigation Race Sub-committee	Mr. Maurice DUCRET
Records Sub-committee	Mr. Art GREENFIELD

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RMK/ Mrs. Esther RIMENSBERGER were confirmed by the meeting.



14 Elections & Appointments

a) Present positions held (Nov. 2021 – Feb. 2024 *)

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Election of Technical Representatives

CASI	Mr. Art GREENFIELD
FAI Environmental Commission	Mr. Henry LINDHOLM
World Air Games Liaison Officer	left free; no WAG
Webmaster	Mr. Frank ECKARD
Technical Adviser GNSS	Mr. Ralf GRUNWALD >>> Mr. Frank ECKARD
Technical Adviser Long Range Air Race	Mr. Jean BIRGEN >>> _?_

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RMK/ The meeting approved the change of the Technical Adviser GNSS and left the position for Long Range Air Race open.



14 Elections & Appointments

b) Appointment of International Jury Members and Judges

The Jury and Judge lists are to be revised:

Received applications for appointment as INTERNATIONAL JURY MEMBER for Rally, Precision Flying and ANR:

GER Ralf GRUNWALD
RSA Frank ECKARD, Rob JONKERS

[Annex 14a – List of Jury members.pdf](#)

Received applications for appointment as INTERNATIONAL JUDGE for Rally and Precision Flying:

CZE Frantisek CHILAR, Michaela PASKOVA
FRA Julien CHÉRIOUX
GER Dörthe GRUBEK, Thomas WEISE
RSA Leonie DU PLESSIS, Mauritz DU PLESSIS, Laura McDERMIT, Stuart McDERMIT, Martin MEYER, Nigel MUSGRAVE

[Annex 14b – List of Judges.pdf](#)

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RMK/ Upon small corrections - OLSON, SWE (Jury, Judge) and PYRARAS, GRE (Judge) were deleted - all applications were approved by the meeting.



15 Date and time of the next GAC Plenary Meeting

Portugal was prepared to host the GAC meeting in **Funchal, Madeira Island** in November 2023. As we now moved our meeting from NOV to FEB, this will be in **February 2024**.

[Annex 15a – GAC-Meeting 2024 POR Final bid.pdf](#)

Italy was interested to host the GAC Meeting in **Catania** in November 2025. As we now moved our meeting from NOV to FEB and the Swiss and Italian Aeroclub agreed to change years, this will be in **February 2025**.

[Annex 15b - GAC-Meeting 2025 ITA Preliminary bid.pdf](#)

Switzerland was interested to hold the GAC meeting in **Lucerne** in 2024. As we now moved our meeting from NOV to FEB and the Swiss and Italian Aeroclub agreed to change years, this will be in **February 2026**.

[Annex 15c - GAC-Meeting 2026 SUI Preliminary bid.pdf](#)

All NACs are invited to present bids for hosting the following forward GAC Annual Meetings, from 2027 onwards.

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FAI GAC Meeting 2024



February 2023

FAI GAC Meeting – POR Final Bid

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FAI GAC Meeting 2024



Proposed venue for the Meeting:

FUNCHAL, Madeira Island, PORTUGAL

Proposed Dates for the Meeting:

28th February to 3rd March 2024

7th – 10th March 2024 or 14th – 17th March 2024

Proposed dates for the GAC Plenary Meeting, now annually changed to

February, subject to confirmation according to FAI needs but

in order to guarantee best prices and available services, it would be preferable **to avoid Festive Dates Carnival/Easter**).

(Carnival 2024 – 13th February 2024)

(Easter 2024 – 29th March 2024)

February 2023

FAI GAC Meeting – POR Final Bid

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RMK/ Next meeting @ Funchal will take place from the 7th to the 10th March 2024



FAI GAC Meeting 2024

A. LOCATION

FUNCHAL, Madeira Island, PORTUGAL



February 2023



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FAI GAC Meeting 2024

A. LOCATION

FUNCHAL, Madeira Island, PORTUGAL

Declared By UNESCO World Patrimony

<https://www.youtube.com/watch?v=BE3NIEdKYuY>



February 2023

FAI GAC Meeting – POR Final Bid

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FAI GAC Meeting 2024

A. LOCATION: Madeira Island, PORTUGAL

https://www.youtube.com/watch?v=C_M62rCUcHA&list=PLrngotOYBGzIzLps_N6VXsQ1pBHwbQzcx&index=4

Recognized as Best Insular Destination in Europe for several consecutive years, Madeira was elected by the World Travel Awards as the "Europe's Leading Island Destination 2020"

https://www.youtube.com/watch?v=C_M62rCUcHA&list=PLrngotOYBGzIzLps_N6VXsQ1pBHwbQzcx&index=4



February 2023

FAI GAC Meeting – POR Final Bid

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FAI GAC Meeting 2024

A. LOCATION

FUNCHAL, Madeira Island, PORTUGAL



The island has a subtropical climate; warm in the summer (22^o-24^oC) and mild in the winter (18^o-22^oC). The water temperature is also pleasant year round due to the warming influences of the Golf Stream;

This high quality European destination unknown by the majority of the participants. "Madeira Belongs to all"

<https://www.youtube.com/watch?v=ft00JyTghHQ&list=PLrngotOYBGlwfrG9Fm7to98rmMzbbpCwl>

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FAI GAC Meeting – POR Final Bid

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FAI GAC Meeting 2024

A. LOCATION

1. Meeting Hotel in FUNCHAL

Latitude: 32°38'16.85"N Longitude: 16°55'42.49"W

Several **Sup. 4 and 5 stars hotels** are being considered by the organization, and under discussion to choose the best option to welcome this event in Madeira, as a unique touristic place.

Final decision will be announced in **Bulletin#1**

2. Events taking place in the Hotel:

- Plenary Session
- Bureau Meetings



FAI GAC Meeting 2024

B. Plenary Session Room:

1. Capacity(number stated at tables in conference format):

60 - 100

2. Available audio-visual equipment and facilities:

- Overhead projector
- Video Projector
- Computer screen projector
- WiFi connection
- Whiteboard



FAI GAC Meeting 2024

C. Secretariat Facilities:

1. Available facilities for the GAC conference secretary:

- Photocopier and Print facilities
- Internet access



FAI GAC Meeting 2024

D. BUDGET:

1. Our total anticipated budget for the conference and amount of income anticipated from:

- Registration Fees **EUR 330,00 per delegate**
- Registration Fees **EUR 190,00 per accomp.person**



FAI GAC Meeting 2024

E. Registration Fees:

1. Proposed Registration Fees:

- **For Delegates** EUR **330,00**
- **For accomp.person** EUR **190,00**

2. What is included in the Registration Fee:

- Dinners **2 (Friday and Saturday)**
- Coffee breaks **4 (2 per day)**
- Transfer from/to Airport **to be confirmed**
- Excursion **yes included**



FAI GAC Meeting 2024

F. Hotel Accommodation:

1. Indicated prices for Hotel:

Meeting Hotel To be determined **EUR**

Options will be presented on **Bulletin #1**

Due to the uncertainty of the moment and times we're going through, we decided not to present an Accommodation Price yet, the rates are still in negotiation depending on the **final date to be announced**, in order to guarantee the best price and offer as a good Portuguese way.



FAI GAC Meeting 2024

F. Hotel Accommodation:

- 1. Meeting Hotel To be determined (according to Final Date to be announced)
Just some examples of the possibilities under discussion



February 2023

FAI GAC Meeting – POR Final Bid

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FAI GAC Meeting 2024

F. Meeting Hotel Accommodation: To be determined soon

Just some examples of quality and confort



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FAI GAC Meeting 2024

G. Other Information:

Several excursions will be available for the participants.

Funchal, the capital city lies between the deep blue of the ocean and the lush green of the mountains behind. Is a bustling cosmopolitan city with a multitude of good places to visit.



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FAI GAC Meeting 2024

Madeira is one of the amazing islands of Portugal, just at 1 hour 30 minute flight from Lisbon, and 3 hours from London. There are several airlines with direct daily/weekly flight connection from Europe to the Island.



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FAI GAC Meeting 2024

G. Flight Information:

Some examples of several connections to Madeira from several cities in Europe and different airlines (Low cost and regular):

ARRIVALS - WEDNESDAY, FEB 15		ARRIVALS - WEDNESDAY, FEB 15		ARRIVALS - WEDNESDAY, FEB 15		
09:35 Scheduled	Transavia Amsterdam (AMS) HV6629 (B738)	09:15 Scheduled	TAP Lisbon (LIS) TP1699 (A321)	13:50 Scheduled	RYANAIR London (STN) FR6061 (73H)	
10:10 Scheduled	TAP Lisbon (LIS) TP1685 (E190)	09:25 Scheduled	Transavia Nantes (NTE) TO7844 (B738)	14:10 Scheduled	easyJet Frankfurt (FRA) 4Y702 (A320)	
10:50 Scheduled	Wizz Budapest (BUD) W62397 (A21N)	09:30 Scheduled	swift Lisbon (LIS) WT130 (ATP)	14:10 Scheduled	RYANAIR Brussels (CRL) FR6075 (73H)	
11:10 Scheduled	easyJet London (LGW) U28135 (A319)	10:10 Scheduled	TAP Lisbon (LIS) TP1685 (A21N)	14:25 Scheduled	easyJet Lisbon (LIS) U27603 (320)	
11:25 Scheduled	BRITISH AIRWAYS London (LHR) BA520 (A20N)	10:55 Scheduled	easyJet London (LGW) U28135 (320)	14:45 Scheduled	novair Gothenburg (GOT) N99591 (A77)	
11:55 Scheduled	condor Hamburg (HAM) DE1506 (A320)	11:15 Scheduled	BRITISH AIRWAYS London (LHR) BA520 (A20N)	15:05 Scheduled	RYANAIR Lisbon (LIS) FR1227 (73H)	
12:45 Scheduled	easyJet Berlin (BER) U29581 (A320)	11:25 Scheduled	azores Ponta Delgada (PDL) S4160 (DH4)	15:25 Scheduled	novair Gothenburg (GOT) N9591 (A77)	
13:10 Scheduled	condor Leipzig (LEI) DE1578 (325)	13:35 Scheduled	TAP Lisbon (LIS) TP1689 (A320)	15:35 Scheduled	Wizz Warsaw (WAW) W61535 (32Q)	
13:35 Scheduled	TAP Lisbon (LIS) TP1689 (A320)			15:35 Scheduled	novair Stockholm (ARN) N99567 (A77)	
					15:50 Scheduled	Transavia Porto (OPD) TO7758 (73H)
					16:05 Scheduled	easyJet Milan (MXP) U22817 (320)
					16:25 Scheduled	easyJet London (LGW) U26401 (320)
					16:40 Scheduled	easyJet Berlin (BER) U25581 (320)
					17:10 Scheduled	TAP Lisbon (LIS) TP1697 (A21N)
					19:15 Scheduled	RYANAIR Porto (OPD) FR6051 (73H)
					19:25 Scheduled	easyJet Bristol (BRS) U26245 (319)

February 2023

FAI GAC Meeting – POR Final Bid

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FAI GAC Meeting 2024

For example EasyJet, Ryanair and Transavia have regular direct flights from UK, Germany, Netherlands, France and Switzerland. Also TAP, Finnair, Condor, Norwegian, Eurowings maintain flights to Madeira from several cities in Europe



February 2023

FAI GAC Meeting – POR Final Bid

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FAI GAC Meeting 2024

https://www.youtube.com/watch?v=xpK9DxmptAE&feature=youtu.be&fbclid=IwAR2cwZgh_RV9SYYVDPlv7CdbAcQ10fy3V2u6cJKrPqnsHn70w4iRI8almzE

Hope to Welcome all of you in Madeira 😊

Thank You



February 2023

FAI GAC Meeting – POR Final Bid

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15 Date and time of the next GAC Plenary Meeting

Portugal was prepared to host the GAC meeting in **Funchal, Madeira Island** in November 2023. As we now moved our meeting from NOV to FEB, this will be in **February 2024**.

Annex 15a – GAC-Meeting 2024 POR Final bid.pdf

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Annex 15b - GAC-Meeting 2025 ITA Preliminary bid.pdf

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Annex 15c - GAC-Meeting 2026 SUI Preliminary bid.pdf

All NACs are invited to present bids for hosting the following forward GAC Annual Meetings, from 2027 onwards.

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15 Date and time of the next GAC Plenary Meeting

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All NACs are invited to present bids for hosting the following forward GAC Annual Meetings, from 2027 onwards.

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Annual Meeting of the FAI General Aviation Commission (GAC)

on **Saturday 18th February 2023**
in **Lausanne**

Version 05
17 FEB 2023

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RMK/ added by the Secretary (9th April 2023)