



Application for organizing a "FAI World Gliding Championships "

Applicant:

Aero Club d'Italia
Via Cesare Beccaria 35 / A - 00196 ROMA – Italy

Date of Application: **September 28th, 2018**

Organising Group:

Aero Club Volovelistico Ferrarese “Mario Naldini”
Via Aeroporto, 130 – 44124 Ferrara - Italy

Name and address of National Aero Club:

Aero Club d'Italia
Via Cesare Beccaria 35 / A - 00196 ROMA – Italy

Proposed Competition Director:

Aldo Cernezz (3.000 hrs gliding, competition pilot, twice national champion Double-Seater class, editor of the national magazine Volo a Vela, gliding journalist, competition director from 2015 with a total of 15 events as C.D. including National championships and GPs)

Proposed Organisation of the event: Based on the experiences gained with previous gliding competitions, we propose the following milestones:

- Spring 2019: IGC decision on the bid
- End of 2020: Determination of local procedures, so that they can be used and trained during the international training competition in 2021
- Organization of an international training competition in 2021 in order to test infrastructure, organising team and local procedures

Contact person (for the applicant):

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1. Event and Year

1.1 Name of Competition

12th FAI Women's World Gliding Championships, comprising Club Class and 18 metre class *(if agreed with the IGC, also a Standard Class can be included)*

1.2 Year of event **2022**

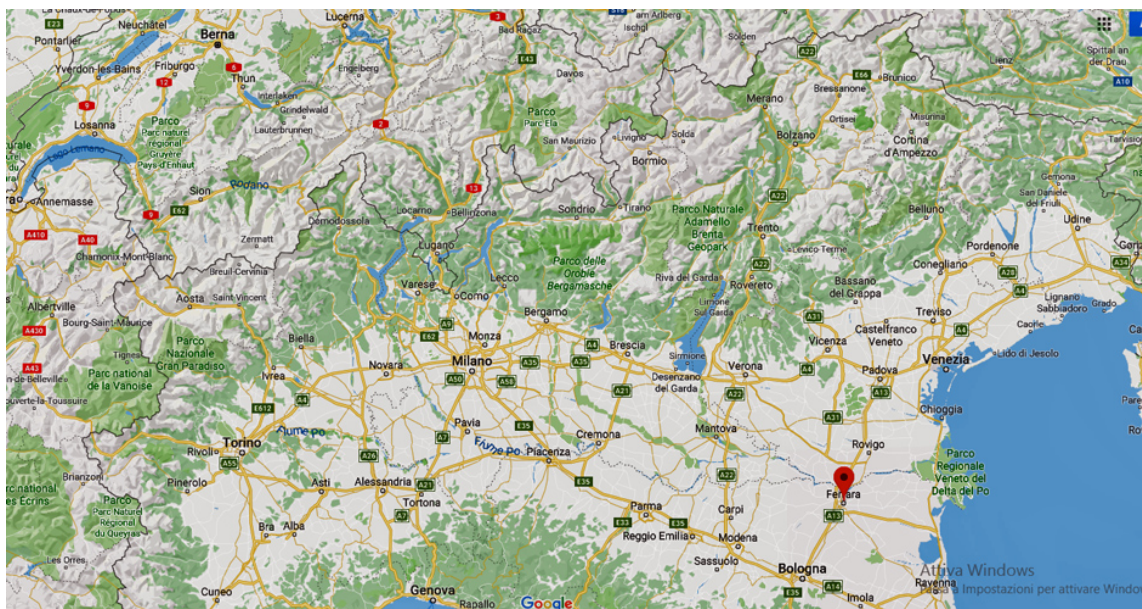
2. Site

2.1 Name of the airfield **Aeroporto “Michele Allasia, Ferrara, LIPF** more info and links at <https://www.airport6.com/en/a/LIPF/>

2.1.1 Co-ordinates **44° 48' 45" N - 11° 36' 49" E**

2.1.2 Direction and distance to nearest town, population of this town **2 km to the North; population 132.000**

2.1.3 Experience of airfield staff in organising championships In 2021 the organising Club will host the 30th Edition of the Coppa Città di Ferrara – Campionato Classe Unica (handicapped competition listing on average > 40 participants every year).



2.2 Proposed period for the event

2.2.1 Competition Dates

Competition: Sunday, May 29th - Friday, June 10th, 2022

Opening Ceremony: Saturday, May 28th, 2022

Closing Ceremony: Saturday, June 11th, 2022

2.2.1 Alternate dates for competition: In order to stay in the timeframe promising favourable meteo conditions, the competition can start one week later. This would translate into the following agenda:

Competition: Sunday, June 5th - Friday, June 17th, 2022

Opening Ceremony: Saturday, June 4th, 2022

Closing Ceremony: Saturday, June 18th, 2022

2.3. **Airfield operating data** *(provide details for the following)*

- 2.3.1 Surface of airfield, number and directions of runways
Elev. 21 ft - 6 m
09R/27L 900x60 m - grass
09L/27R 800x30 m - tarmac
- 2.3.2 Number of towplanes that will be employed to launch all classes:
There will be at least one towplane for 8 non-self launching gliders. Based on experience with previous competitions, this number ensures a smooth starting procedure.
- 2.3.3 Meteorological facilities that will be provided
A meteorologist with extensive experience in gliding competitions will permanently be on-site in order to provide daily and if needed ad-hoc meteo information.
- 2.3.4 Repair facilities for gliders
In Aguscello, 5 km from Ferrara, there is a commercial repair station. Quick fixes and inspections can be performed at Ferrara airport.
- 2.3.5 Repair facilities for radios and instruments
The national dealers of the main instrument producers are based on the airfield or at a distance of less than 100 km
- 2.3.6 Oxygen requirements and supply facilities, if required
use of oxygen will not be necessary or required.
- 2.3.7 What plans do you have to implement the FAI Environmental Code of Conduct during your event?
- Recycling of waste,
 - reduced use of printing and paper,
 - no use of herbicides on the runway,
 - most tow-planes will have silencers at the exhaust,
 - x 10kW 220V grid posts for recharging electric auxiliary powered sailplanes.



2.4 **Airfield Infrastructure** *(provide descriptions for the following)*

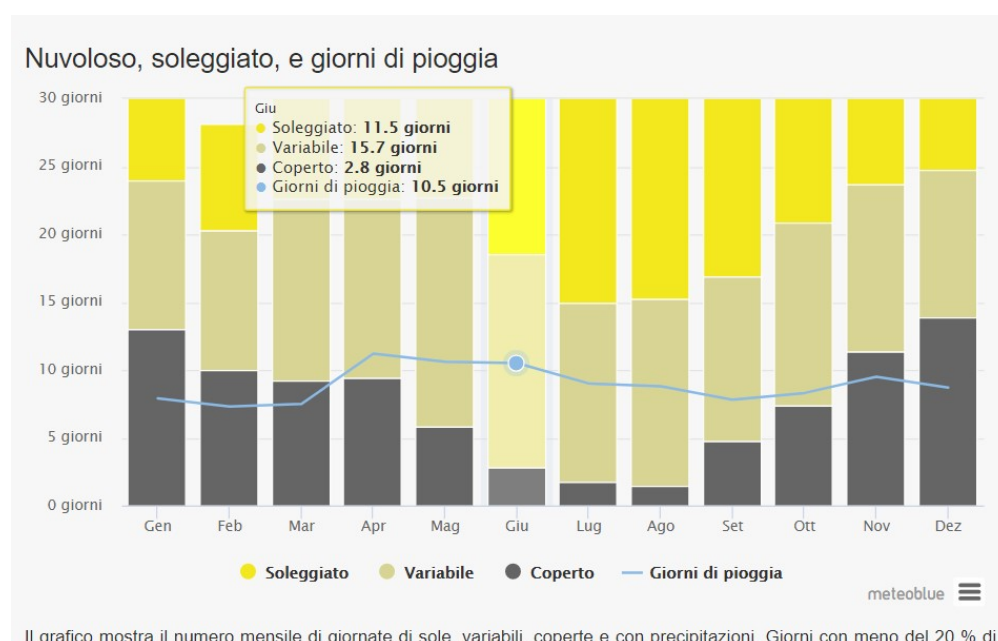
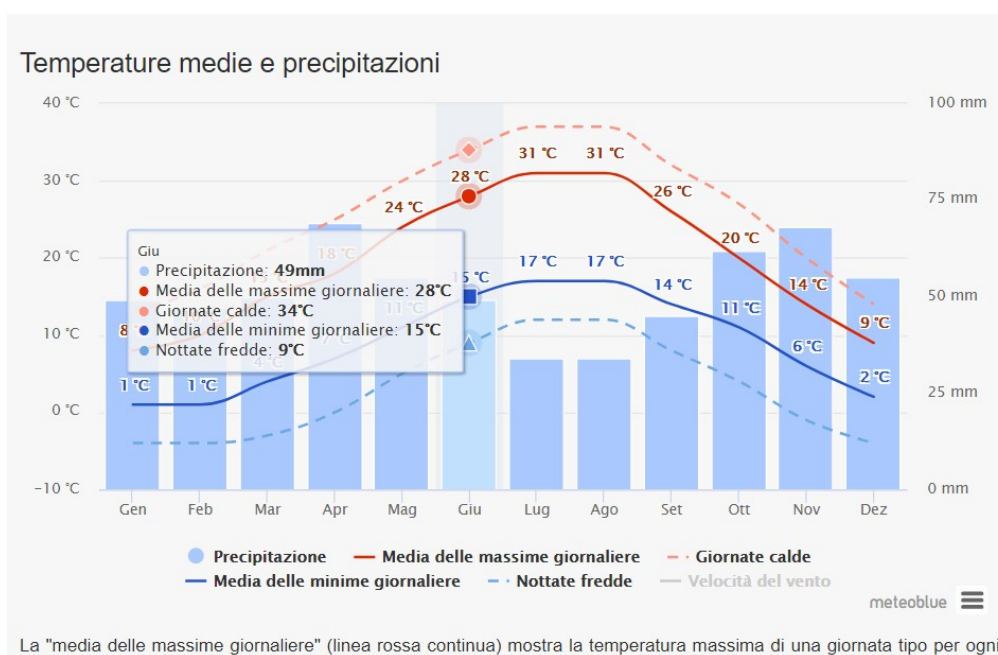
- 2.4.1 Briefing Room
in the main building, air-conditioned.
- 2.4.2 Common Room(s) for the competitors
Restaurant and bar halls; outside garden and gazebo
- 2.4.3 Meeting Room for the Chief Steward and Steward
In the main building
- 2.4.4 Meeting Room for the International Jury
In the main building, with seating for up to 25 people, computer and A/V system available
- 2.4.5 Press Centre
A Press and Social Media centre will be established in the office
- 2.4.6 Communication and Wi-Fi capability
The airfield is equipped with a high-speed internet access. WiFi is available across the camping ground. In addition, there is high-speed internet access available through all major national mobile network operators at very low prices (convenient for non-UE visitors)
- 2.4.7 Insurance availability for gliders in town at 2 km or through Italian agents.
- 2.4.8 Emergency (including fire) **fire fighting service and ambulance** will be permanently located on the airfield during the competition
- 2.4.9 Medical and First Aid
the nearest Hospital is “Clinica Universitaria S. Anna”, at 11 minutes driving distance. It features highly specialised services in Life Support, General Surgery, ER Surgery, Orthopedics and Traumatology, Radiology, Pediatrics and Neonatology.

3. **Accommodation and food for competitors** *(provide details of the following)*

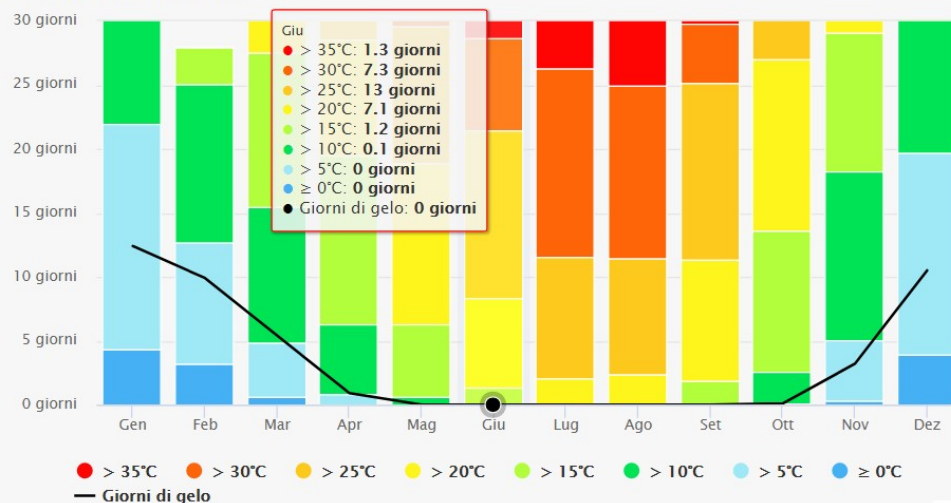
- 3.1 Accommodations available in the local area
Within 1 km from the airfield there are 3 big hotels and many B&Bs. Numerous alternatives are available within a few kms. Prices range from 40 to 100€ per night.
- 3.2 Camping facilities at or near the airfield
40 places are available on the Camping ground (for tents, vans, caravans), with power, toilets, heated showers. There is a large swimming pool. More toilets and showers will be added by rental providers, accordingly to the number of participants
- 3.3 Catering for competitors at the airfield including an indication of prices
two restaurants on the airfield (Piper and Vola a Tavola) can cater for up to 120 persons.

4. Competition area *(provide details of the following)*

- 4.1 Topography in the contest area: flatland soaring. Lots of alternate airports and airfields in the regions. Plenty of fields for outlanding (the proposed season guarantees most cultivations will be short)
- 4.2 A comprehensive survey of meteorological conditions: very good thermal activity starting in the late morning until the late afternoon. Average climbs can reach over 4 m/s integrated. The climate is warm, generally stable, and marked by the influence of the river Po, which created the flatland called Pianura Padana with its sand and sediments. Few localised rain showers or storms can develop occasionally in the late afternoon and are easily forecasted. Temperatures may range between 14 °C (night) and 27 °C (day); winds are generally from the E or NE, intensity is very modest ranging from 1 to 6 knots on most days.

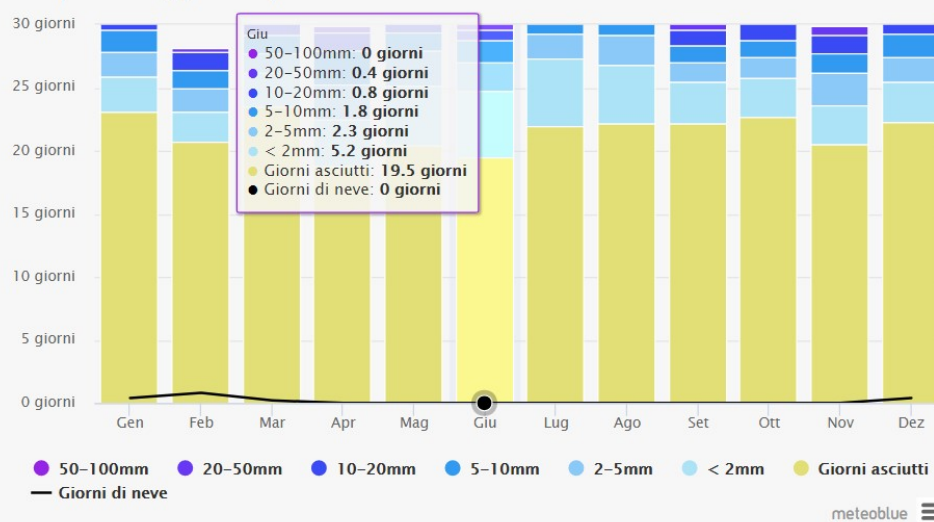


Temperature massime



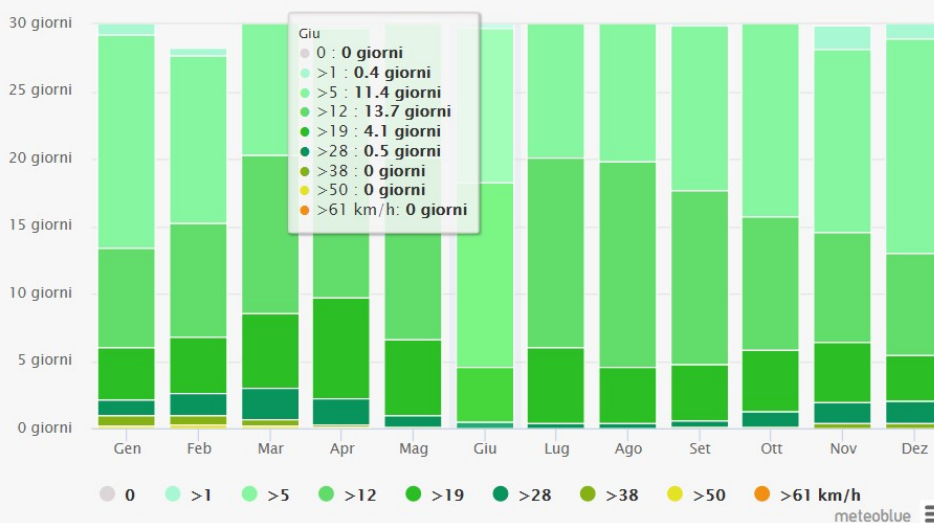
Il diagramma della temperatura massima per Ferrara mostra il numero di giorni al mese che raggiungono determinate

Precipitazioni (quantità)



Il diagramma delle precipitazioni per Ferrara mostra per quanti giorni al mese, una certa quantità di precipitazioni è

Velocità del vento



Il diagramma per Ferrara mostra i giorni in cui il vento ha raggiunto una certa velocità durante un mese. Un esempio

4.3 Airspace restrictions in the contest area:

For the competitions, a special airspace is negotiated every year with the authorities. The structure is simple with linear boundaries, an easy to remember altitude limitation and very few, small prohibited areas.

4.4 Typical tasks to be expected: 180 – 500 km

During the previous competitions of the last 8 years, the share of scoring days on overall available contest days was on average 73%.

5. Rules (*Note: The Championships must be conducted in accordance with Annex A*)

5.1 Default options in Annex A are:-

- | | | |
|-------|---------------------|----------------------|
| 5.1.1 | Starting procedures | Start Line |
| 5.1.2 | Tasks | Racing and Speed AAT |
| 5.1.3 | Finish procedures | Finish Ring |

Justify any deviation from these options.

5.2 Indicate any particular conditions or possible restrictions that may be applied that would make it difficult for an individual or a team to attend the proposed venue:

5.2.1 For pilots and crews

Pilots must have a valid ICAO compliant glider licence including the launch method chosen for the competition. Depending on the country of origin, pilots without an EU license may have to transcribe their license in accordance to EU regulation 1178/2011 Annex III. Furthermore, for some countries visa regulations apply for visits to the European Union.

5.2.2 For sailplane and equipment

An entry permission must be granted by a European aviation authority for sailplanes registered under a restricted type certificate outside of the EU. Flight documentation requires using IGC approved flight recorders. Any type of collision avoidance-equipment must be compatible with such equipment used in Europe (e.g. FLARM).

5.3 Number of competitors:

5.3.1 State the maximum number of competitors that may be entered in each class and the total for the competition: 100; no more than 45 sailplanes in any of the classes

5.3.1.1 Provide justification for this number: Long-term experience accumulated from 1996, proves that it is possible to fly a safe competition in Ferrara with this number of sailplanes in each class.

6. Costs (*provide details of the following costs in Euros or USD*)

6.1 Entry fee

6.1.1 Entry fee: **600 €**

Services included in the entry fee: The entry fee covers the operational costs of the organiser, such as facilities, airfield preparation and usage, grid operations, turnpoints database, transfer & availability of towplanes, water ballast facilities, meteo service, tasks and results, scoring, communication system (SMS or equivalent), trophies and prizes, media and press, Multiple WiFi internet access points on the airfield

6.1.2 Cost of aero tows: **60 euro (600 or 700 m)**

6.1.3 Other mandatory cost: None
(e.g. national licences, memberships, insurances, maps)

6.2 Rental cars and availability with tow hitch:
depending on car model. Prices start at 25 €/day for city-car and no tow-hitch.
From 65/day for an SUV with tow-hitch

6.3 Accommodation Availability and Costs for teams (as appropriate for local facilities)

6.3.1 Hotels: prices start at 25 €/night/pax

6.3.2 Apartments: as low as 15 €/night/pax

6.3.3 Bed and Breakfast: same as hotels

6.3.4 Camping: (camping fees including 1 person; each additional person, +5€/day); caravan fee 10€/day, tent fee 5€/day)

6.4 Provide an indicative example for the expected total costs during the contest period for a pilot with 2 crew members

Entry fees:	1 x 600	=	600 €
Aerotows:	1 x 12 x 60	=	720 €
Accommo:	3 x 16 x 25	=	1.200 €
Catering:	3 x 16 x 25	=	1.200 €
Total for the above team		=	3.720 €

7. Glider Hiring (provide information on the following)

7.1 The availability of local gliders for hire: The Organisation will help to establish contacts with the owners of gliders for hire

7.2 The costs of hire: generally between 900 – 2.000 €/week

7.3 Any restrictions on hire (e.g. license requirements): TBD

8. Training

8.1 Provide details of any proposed training opportunities for teams and individuals prior to the Championships.
Championships.

In 2021, an international gliding competition will be organised at Ferrara. The training competition will be held according to Annex A rules and the local procedures as for the 2022 WWGC. Familiarisation with the region and airfield will be possible during the gliding camps and competitions which are organised every year in Ferrara (May-June)