



**25th FAI
Hang Gliding
WORLD
CHAMPIONSHIP**

**Andradas, MG
Brazil 2027**



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National highlights

Brazil in the spotlight

Hang gliding is a prominent sport in Brazil and Brazil is a country with a lot of tradition in the practice of free Fly.

The most touristic Brazilian city, Rio de Janeiro, has the Hang Gliding flight as one of the most popular highlights of the city. The take-off from São Conrado, in addition to being a postcard of the city, is the **most used hang-gliding take-off point in the world**, allowing more than **5,000 flights a year** at a very low rate of incidents.





National highlights

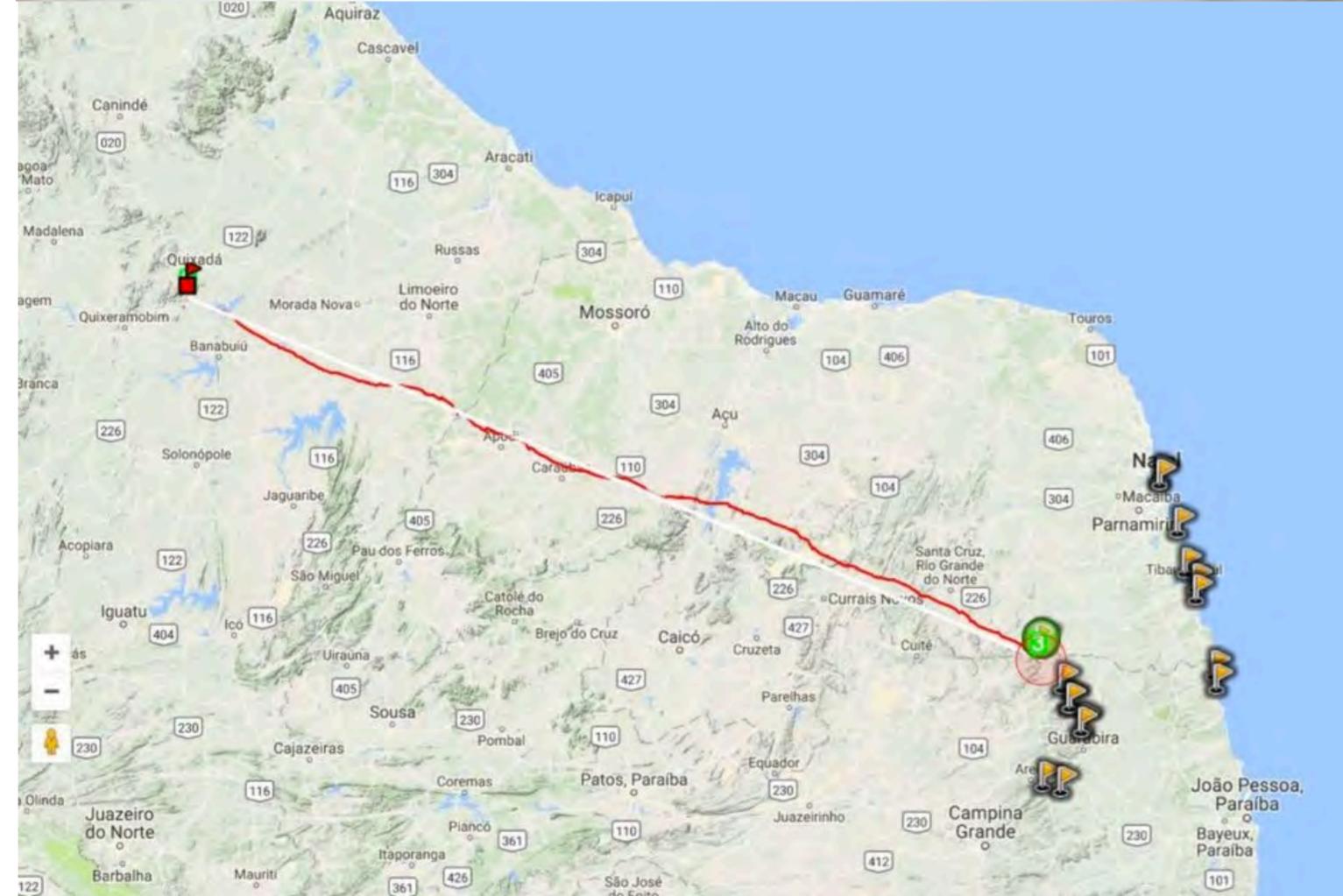
Territory and nature

In addition to tourism, Brazil, with its favorable climate all throughout the year and large territorial proportions, is one of the most suitable countries for the practice of hang gliding.

There are **8.5 million km²** covering **6 different biomes** (Caatinga, Cerrado, Atlantic Forest, Amazon Forest, Pampa and Pantanal). An extensive road network allows safe travel and transport of wings and equipment to all corners of the country.

Since the sport became popular in Brazil in the 1980s, the country has always had a prominent role on the world stage.

Women's distance world record broken in 2018 by Corinna S (408km)





National highlights

Pilots and competitions

Brazil has always stood out for the technical quality of its pilots. Hang gliding has already placed Brazil in the highest place in the world twice, in addition to several expressive results and world records, which place Brazil as an international power.

Brazil has a calendar full of events and championships related to hang gliding. Paragliding world championships have already been held in different places in the country, in addition to national and regional hang gliding championships, which bring together hundreds of pilots. In 2004 and 2017, in Brasilia, and in 1990, in Governador Valadares, the country also hosted the hang gliding world championships.





National highlights

Equipments

Brazil has a cutting-edge industry when it comes to hang gliding equipment. SOL Paragliders is located in the state of Santa Catarina and ROTOR Harness is located in the state of São Paulo, both are world references in the sector and export their products to the largest international markets.



PARAMOTOR



PARAGLIDER



FREESTYLE



National highlights

Calendar

The main national championship in the category is the **Brazilian Hang Gliding Championship**, which is recognized as one of the most competitive championships in the world. For this reason, It attracts important names in international hang gliding, who attend national competitions annually.

The 2024 Brazilian hang gliding circuit featured two 7-day stages. The first stage was in **Andradas/MG** and the second was in **Carmo do Rio Claro/MG**.

At the end of the two competitions, the 2024 Brazilian Champions were established in the following categories: Elite and Sport.





Local highlights

ANDRADAS City

Ease of Access

(central-brazillian southeast)

Scenic beauty

Support from the government

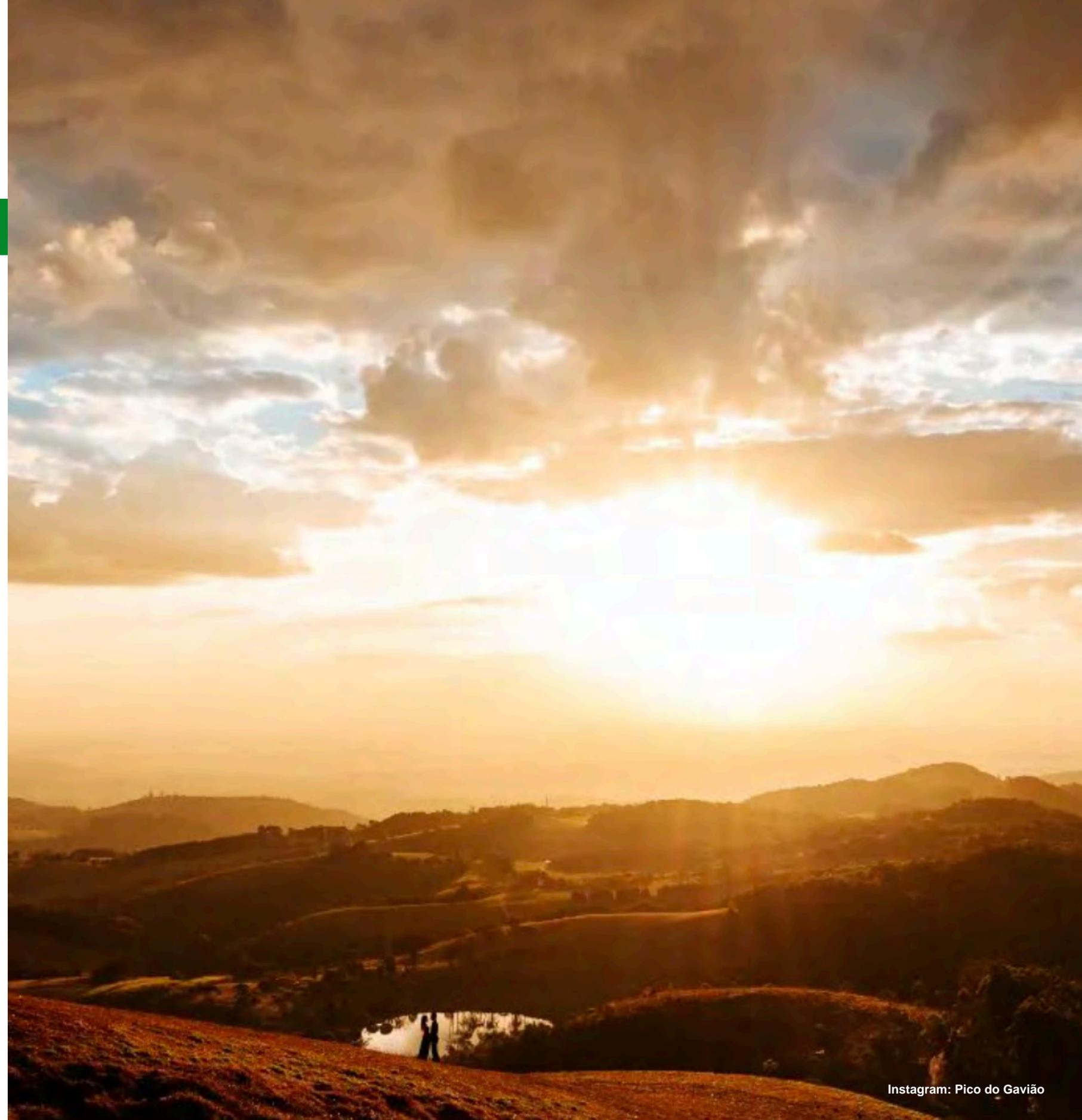
Proximity of takeoff to the city

Hotel chain

Tourism

Infrastructure

(technology, products, services, health and safety)



2. Organizers



Rotor Equipamentos: Organization

The main harness manufacturer in the Brazilian market and one of the most used in the world.

Rotor Equipamentos and its team of pilots will be involved in the organization of the championship with its vast experience in competition and knowledge of the place.



Brazilian Flying Confederation: Institucional support

The Brazilian Free Flight Confederation will be involved in providing the necessary institutional support for the championship to be a success.



Andradas Government support

The City Hall will be involved on different fronts, providing logistical, institutional, and equipment support.



3. Institutional approval

Municipality Support



Government / **Municipal Administration**
of Andradas

(letter of interest from the municipality
awaiting administrative process for the
mayor's signature)

National approval



CBVL: Confederação Brasileira de Vôo Livre
Brazilian Confederation of Free Flight

CAB: Comitê aerodesportivo do Brasil
Aerospports Committee of Brazil



4. Proposed dates for the event

Dates

The dates below include the end of winter and close to Brazilian spring, when weather conditions are more stable and conducive to free flight. In the region of Andradas, temperatures should be between 15 and 30 degrees Celsius and the dry weather is very conducive to flying.

Test event

From August 23 to September 5, 2026

World championship

From 5 to 18 September, 2027

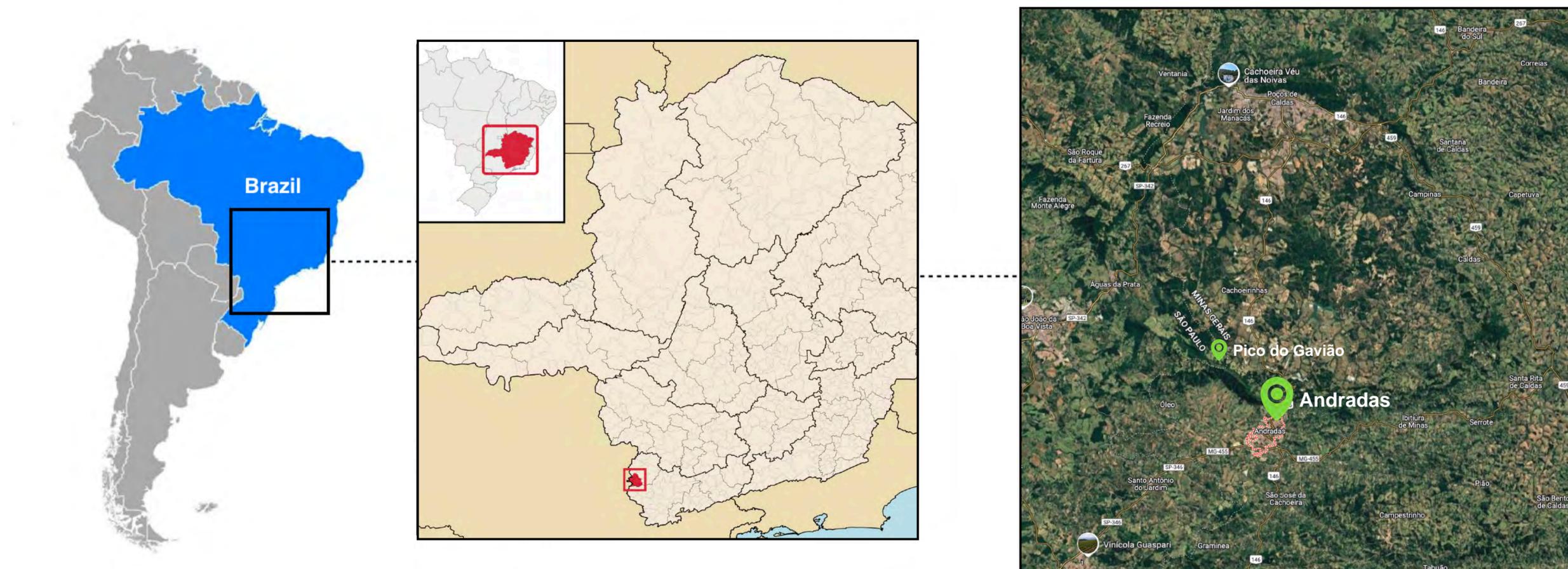


5. General notes, the team and the place



General info on the region:

Andradas is a Brazilian municipality in the state of Minas Gerais, border of São Paulo State. According to the census carried out by the IBGE in 2010, its population is 40,522 inhabitants. Located in the south region of the state. The region's mountains make the place have numerous tourist attractions such as waterfalls, trakkings, mountainbike and climbing spots. The Pico do Gavião Mountain Range, where the Pico do Gavião Club and the takeoff areas are located, is part of the rim of an ancient volcano. Andradas is near the city of Poços de Caldas, which features numerous thermal water clubs and is a popular tourist destination. The mountain range is also crossed by a pilgrimage trail called the "Path of Faith."



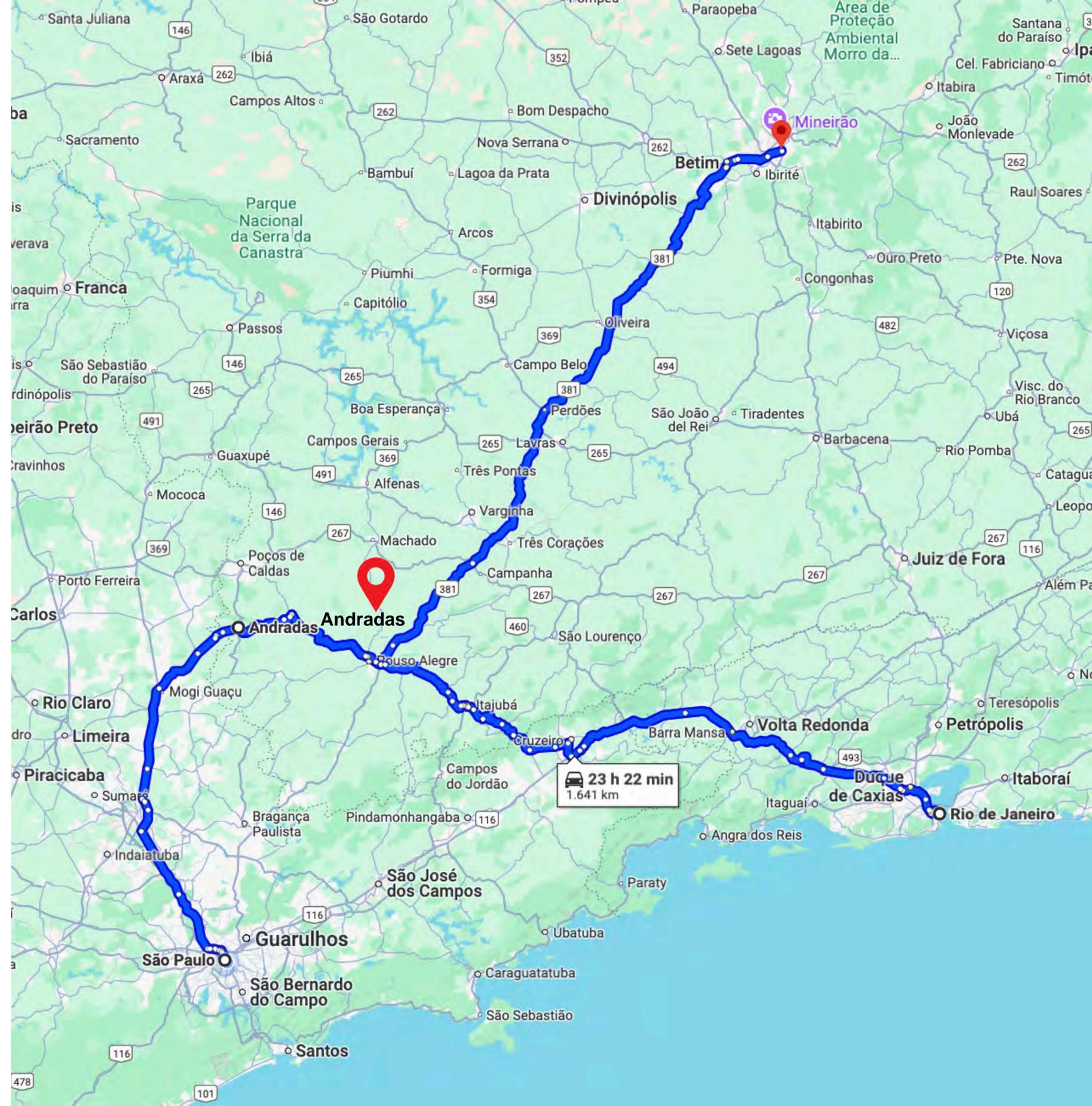
5. General notes, the team and the place

Access:

[Access Google Maps HERE](#)

Andradas is located 230 km from Guarulhos International Airport (near São Paulo) and 150 km from Viracopos International Airport in Campinas.

It is also accessible by car from the capitals Belo Horizonte (483 km) and Rio de Janeiro (474 km).



5. General notes, the team and the place

Attractions

and points of interest:



Source: <https://www.descubraandradas.com.br/>

The natural features of Andradás offer a wealth of tourism experiences, both gastronomic and adventurous. Proof of this is the title "Land of Wine" that the city proudly holds, a result of the local terroir, which imparts unique characteristics to the grapes and wine produced here. In addition to paragliding, the region is home to numerous waterfalls, off-road trails, hiking paths, canyoning opportunities, and the thermal waters of Poços de Caldas.



<https://www.descubraandradas.com.br/>

5. General notes, the team and the place



Accommodation

Andradás offers various types of accommodations, ranging from a network of hotels to rural lodgings and Airbnb options. In addition to the main city, neighboring municipalities such as São João da Boa Vista, Águas da Prata, and Poços de Caldas, being popular tourist destinations, also provide excellent hospitality and dining infrastructure.



6. The flying arena

Pico do Gavião

Elevation: 1.663m

From take off to foothill: 650m (S), 350 (N)

Take Off winds: S (south), SW (southwest), O (west), NE (northwest), N (north)

All takeoffs are in the same location with no need for relocation.

Located at an altitude of 1,663 meters, Pico do Gavião is one of the most well-structured freefly clubs in Brazil and worldwide. It offers a stunning view of the region, including a broad panorama of the Serra da Mantiqueira, as well as the cities of Andradas, Poços de Caldas, and São João da Boa Vista, surrounded by breathtaking landscapes. With grassy and wooden launch pads, it allows for takeoffs in almost all wind directions.

The takeoff area is easily accessible without the need for a 4x4 vehicle and features amenities such as restrooms, a snack bar, relaxation areas with hammocks, and even a children's play area.



Access [HERE](#) the spot website!

LIVE CAMERA [HERE!](#)

LIVE



<https://andradas.portaldacidade.com/noticias/esportes/andradas-vai-receber-o-campeonato-brasileiro-de-asa-delta-em-setembro-5258>



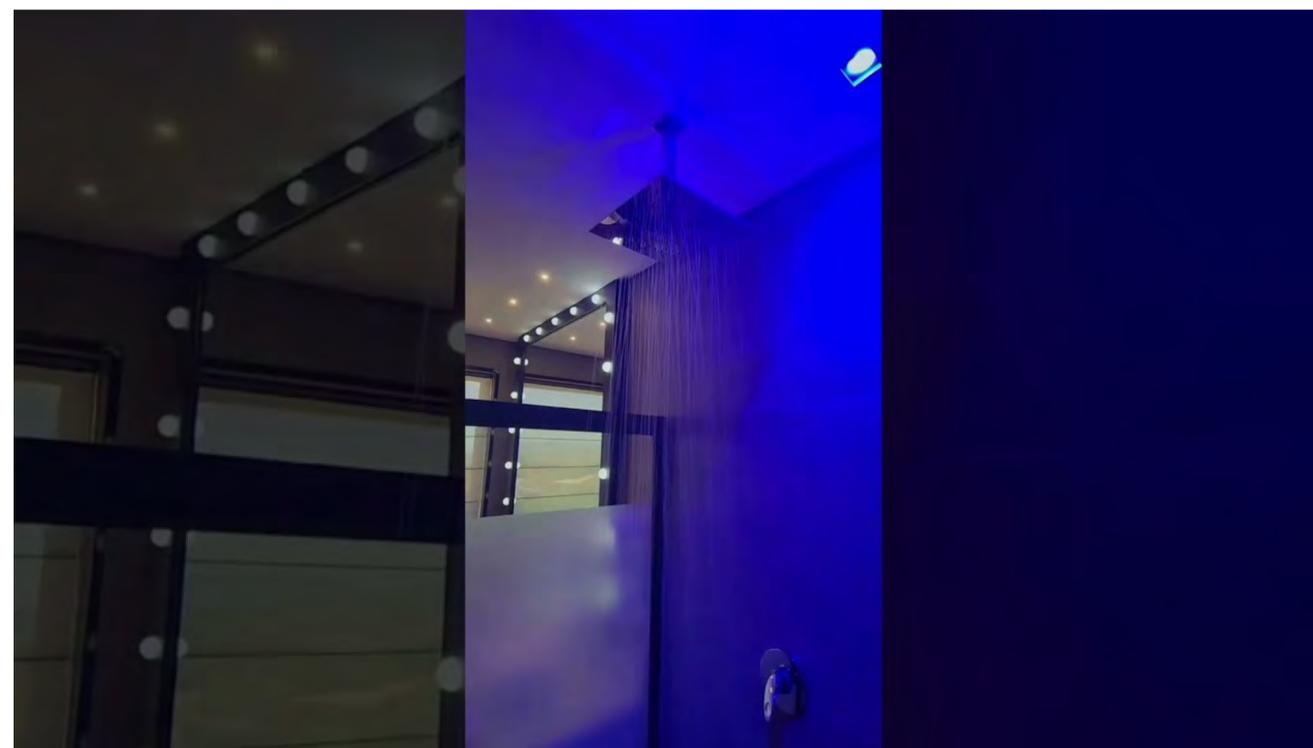
Pico do Gavião

Video about Pico do Gavião



<https://www.youtube.com/watch?v=E5NfUp8jyZA>

Video about Andradas



https://www.youtube.com/watch?v=J_onZF8pFs8

6. The flying arena



Pico do Gavião

The good flying conditions, the abundant landings and the free air without large airports close by make the region an excellent and wide location for long distance flights and triangulation.



7. Take-offs

Main take off



Pico do Gavião offers multiple takeoff options, with areas featuring natural grass and wooden platforms. The main wind directions are NE, N, NW, W, SW, and S. The only direction that does not allow hang gliding takeoffs is E, a wind direction that is rare in the region. The takeoff ramps are frequently inspected and highly secure.



8. Meteorology of the competition area



Clima

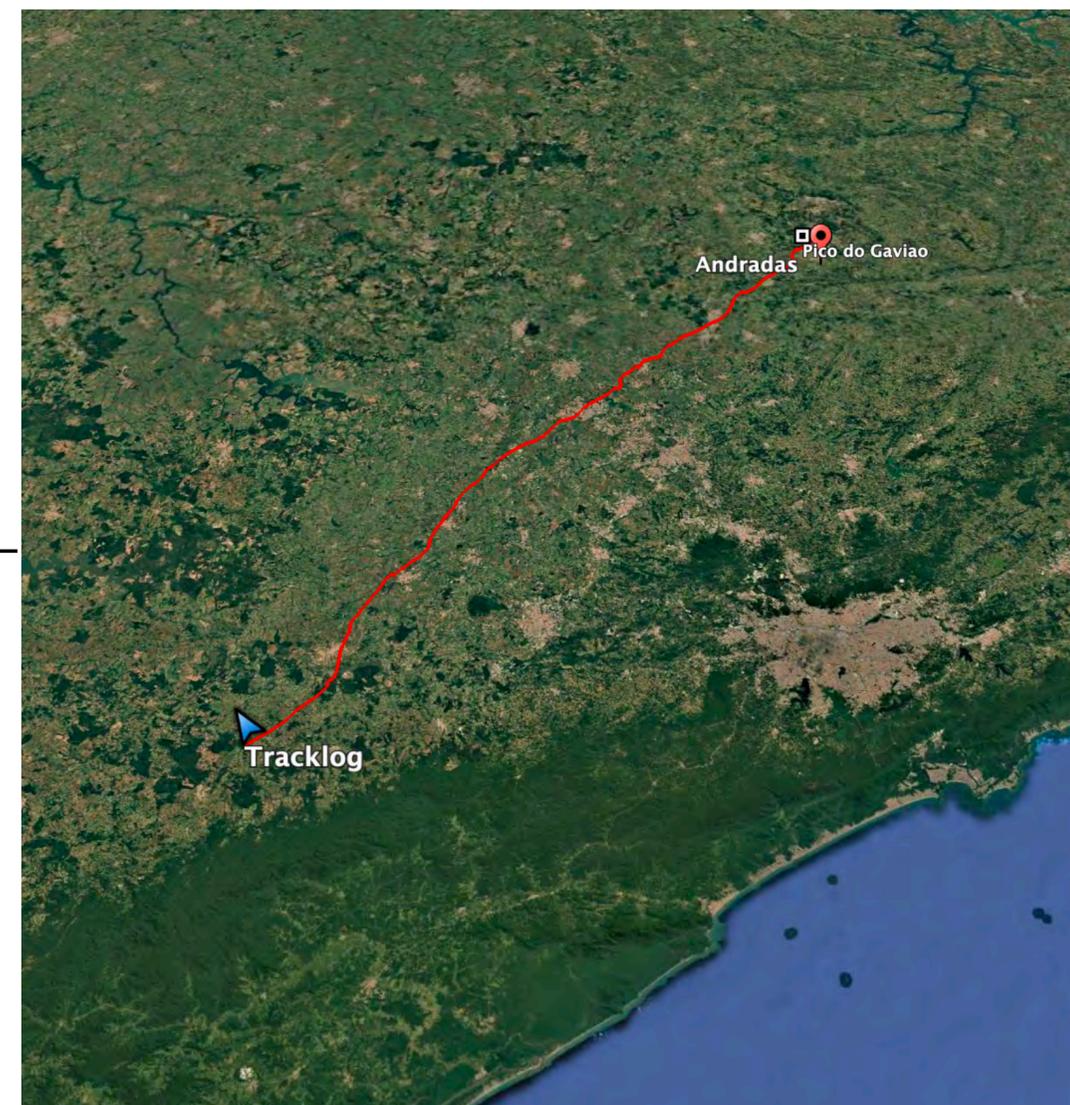
The climate of the municipality is classified as mesothermal subtropical, characterized by dry winters and humid summers. The average temperature in winter is approximately 16 °C and the average in the warmest month is around 27 °C. The period between December and February is when it rains the most. The driest months are from April to September.

Flying conditions

Strong thermals and flying throughout the year, although the best times are from September to December (spring). Excellent conditions for XC, triangulations.

Record: _____

Hang gliding: 265 km (11/02/2024).- [see here.](#)



9. Landings



Wide network of large and safe landings

The entire test region is full of landings. Even in areas with mountains or close to the dam, landings are safe and plentiful. The test waypoints and pylons will be positioned close to the main landings, thus facilitating the rescue and safety of the pilots.

The biggest and safest landings, especially those close to takeoff will be mapped, identified on the maps and will be available to all pilots.

The official landing zone is a large area to the south of the mountain “Pouso Sul”, approximately 700 meters below the takeoff point, with easy access for any type of vehicle. It is commonly used as the GOAL for regional triangle competitions, which simplifies retrieval and enhances safety.



“Pouso Sul”, main TASKs GOAL



Local structure

Andradas has a health network with emergency room and public hospital with free and immediate care. The city counts on the Federal Highway Police, Fire Department, SAMU (Mobile Emergency Care Service), and SUS (Unified Health System) with a mobile ICU unit.

Nearby Hospitals:

Andradas, Poços de Caldas, Campinas, São Paulo

Special structure

The championship structure will have a Fire Department team and an ambulance available at the take-off and Goal locations so that any incident will have a specialized emergency service.

The city will provide a dedicated team on standby.

11. Relations with public services



Our Organizational Team already have open proximity with local and national spheres of public services.

In the regional sphere, the municipal government has shown involvement and collaboration in the Brazilian Hang Gliding Championship that will take place in **2023 and 2024** and has shown ample interest in providing all the necessary support for the World Cup.

The city hall has already shown openness to give logistical support, space, transportation and other structures for the pre and the 2025 World Cup



<https://andradas.portaldacidade.com/>





Maximum number of pilots expected

Class 1: 100 pilots

Class 5: 25 pilots

Woman: yes

Maximum number of pilots: **125**

Entry Fee

- Entry Fee for the Pre-Worlds will be: **EU 300** per pilot
- Entry Fee for the Hangliding Worlds Championship will be: **EU 600** per pilot
- Entry Fee per team leader/assistant: **EU 300**

Team leaders who are also pilots in the competition will pay only the pilot entry fee.

The numbers being 'expected' means that if there are too few pilots in one Class and too many in another, numbers will be readjusted in agreement with CIVL Bureau.

The maximum number of pilots constituting a national team in **Class 1 is 6.**

The maximum number of pilots constituting a national team in **Class 5 is 5.**

This number may be reviewed at the time of the first allocation in consideration to the number of pilots entered by each nation.



What is provided?

Registration procedure, uploading of turn points;

- Pilot info package including: Local guide and particularizeis of the region;
- High Quality Map of the flying area in multicolor standard, A3 format, with turn points plotted, waypoints with coordinates and names listed, road network for retrievals indicated;
- Emergency support for takeoff ascent if it's necessary;
- Downloading of the track logs, calculating and displaying of the results;

- Daily Lunch pack;
- Rescue team for mountain operations, equipped and licensed;
- Ambulance on the take-off, fully equipped and mobile, moving in the direction of the landing for the particular task;
- T-Shirt of the competition;
- High quality color A3 competition map;
- Free SIM Cards for the Competitors and for the Team Leaders *(To be confirmed)*;
- Most advanced Flymaster Live Tracking available at he time of the competition.



Daily calendar example

08:15 Team Leaders Briefing in the HQ

09:00 Informational Briefing in the HQ, results from the previous task

10:00 Distribution of lunch packs and Live Trackers at T.O.

11:00 Task Briefing

12:30 Window opening

18:00 Last landing

19:00 Downloading process, trackers recuperation

21:00 Provisional Results

Media Coverage

FREE FLIGHT TV (OPTIONAL channel)

We will have complete coverage of the Brazilian Championship by the Free Flight TV team, a channel specializing in high quality free flight documentaries. Free Flight TV has an official YouTube channel with more than 5,500 subscribers and disseminates its content through social media, where it has more than 20,000 followers. In 2021 Free Flight TV produced a special series of two episodes of the Brazilian Hang Gliding Championship at Pico do Gavião, and in just 10 days it got more than 22 thousand views in the first episode and more than 15 thousand views in the second episode.



Watch the episode about the Brazilian Championship



CBVL website



CBVL Channels

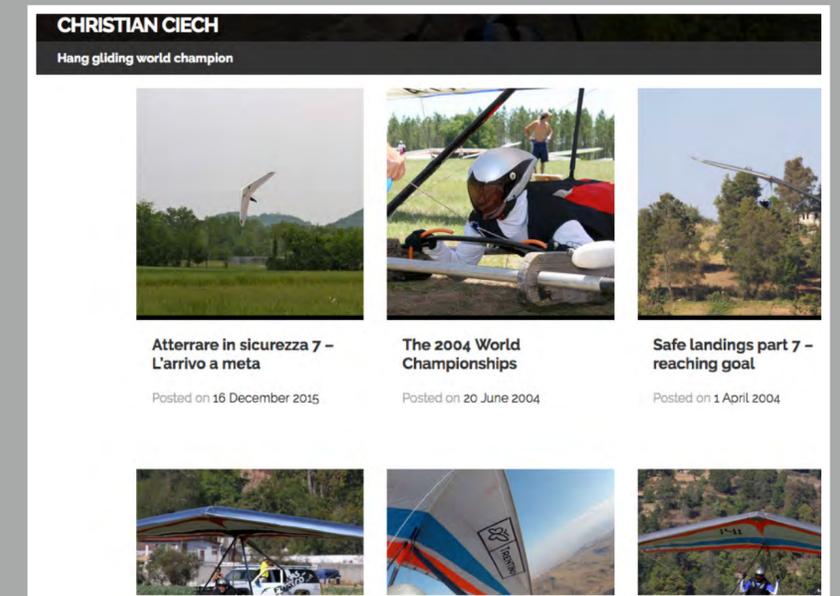
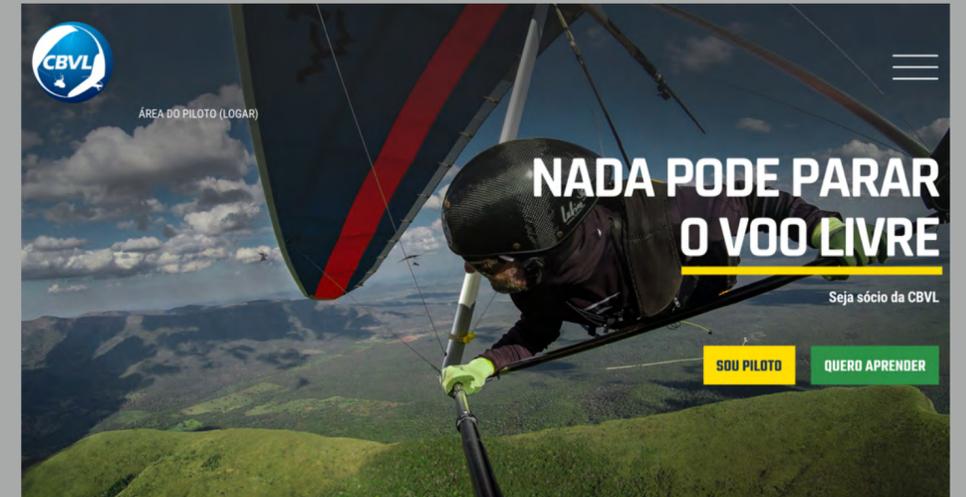
The CBVL (Confederação Brasileira de Voo Livre) in addition to advertising via the website (www.cbvl.com.br), the CBVL will cover the event, publishing its content daily on social networks, where it has more than 10,000 followers.

Press office

The organization of the first stage of the Brasileiro will rely on a specialized press office that will publicize the event to the main local media, such as: open TV (Globo affiliates) and local newspapers.

Spontaneous media

Content will be generated and disseminated daily by the vast majority of pilots on their social networks, further covering the promotion of the event.



Merchandising

The event will feature complete promotional material:

Banners: Banners in strategic locations in the city of Andradas;

Background: Background at the opening cocktail of the event and at the awards ceremony at the end of the event;

Stickers: All registered pilots will receive stickers with the sponsors' logos;

Windmark: Flags with the sponsors' logos will be positioned at take-off and arrivals;

T-shirts: Distributed to pilots and available for sale. Stylized art with the sponsors' logos;

Printed map: All registered pilots will receive a colored printed map, indicating relief, waypoints and airspace of the Region.





Take Off preparations

Two runways for simultaneous takeoffs will be organized, with a corridor for the wings and guidance inspectors.

Waypoints

All waypoints will be available and will be entered into the devices of all written pilots. A professional to help will be present on the ramp to correct any problems and doubts.

Scoring

As the tests will be accompanied by live tracking, a simultaneous calculation will be carried out and after the delivery of all the equipment a preliminary result will be released.

Transfer to Launch

Some 4x4 vehicles will be available to transfer pilots and equipment for takeoff. City hall tractors will help transport heavy materials, infrastructure and wings for pilots who do not have their own vehicle.



SIM CARDS

The organization will evaluate the delivery of SIM cards with the operator with the greatest coverage and a prepaid fee for the pilots' emergency.

RADIO

Pilots will have the freedom to fly on their preferred personal frequency. Special frequencies will be defined for pilot support and emergency. A radio center will monitor the races from the top of the mountain, maintaining communication with everyone on a frequency chosen by the organization.

TELEPHONE

Official organization, support and security telephone numbers will be available and ready to respond to incidents and questions from the pilots.

LIVE TRACKING

The tracking equipment will be distributed to all pilots after the briefing of each race and must be delivered at the stipulated HQ and time. This equipment will allow real-time monitoring of the tests, in addition to being another security item.

LIVE COMMENTARY

The races will be accompanied by an experienced pilot who, on the YouTube and official channels of the event.



INSURANCE

There will be national insurance for the championship. The same insurance used in the Brazilian Championship in 2022 will be extended to the pre-World Championship in 2026 and the World Championship in 2027.

VISA REQUIREMENTS

VISA for tourist visitors is not required to the majority of the world countries.

[More information here](#)

13. The organizing team

The complete team is still being assembled according to the commitment of each member and a confirmation of FAI's interest in the present project.

General Organizer - *Henrique Frasson*

Meet Director - *Cid Maestrini*

Scorer 1 - *Leandro Padua*

Retrieve manager - *Fernando Brandalise*

Safety Director - *Ricardo Campanha*

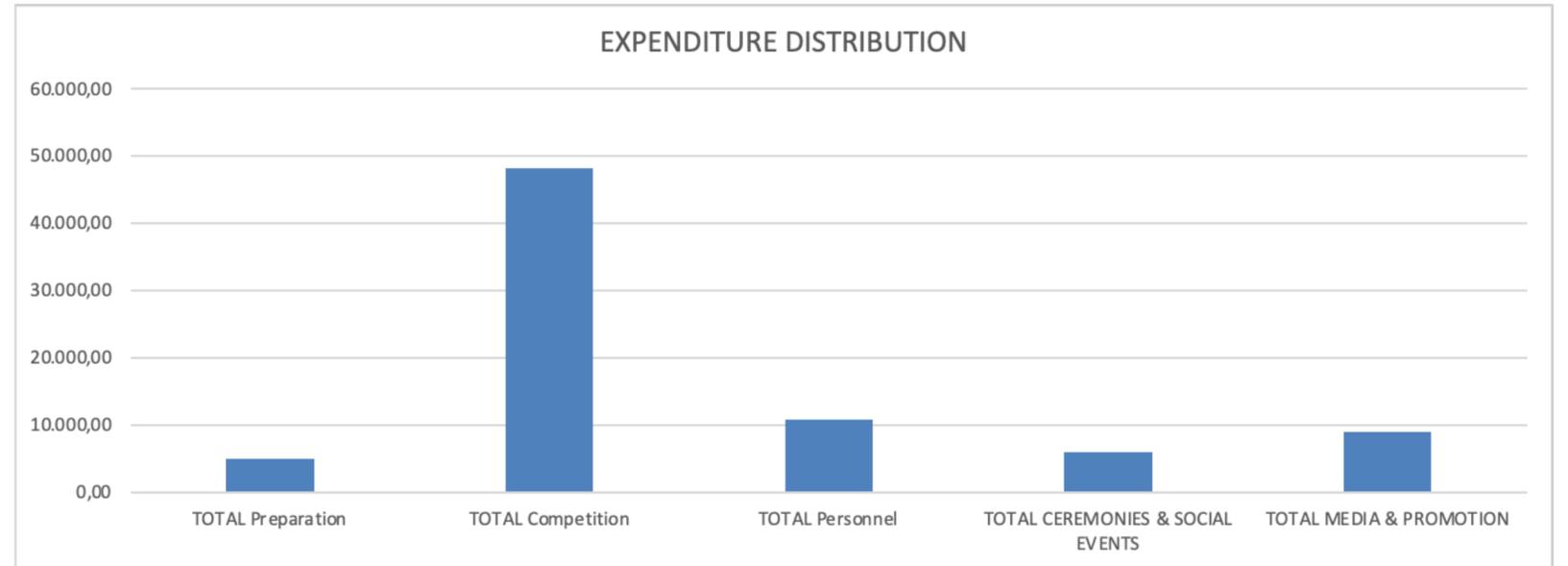


14. Budget



Budget Brazil 2025 Version 27th December

| PROJECTED EXPENDITURE - Brazil 2025 | | | | |
|--|---|-------------------|-------------------|-------------------|
| Items | Notes | REAIS (R\$) | USD x RS | USD x Euro |
| | | | 5,25 | 0,94 |
| PREPARATION (over 2 years) | | | | |
| Administration, post & bank charges, stationery | Includes bank transfer fees, accountant charges, etc. | 10.500,00 | 2.000,00 | 1.880,00 |
| Travel expenses for organisers, volunteers | Meetings with co-financiers, suppliers, airspace or other authorities, etc. | 11.550,00 | 2.200,00 | 2.068,00 |
| Setting up & maintaining website | Including logo design, hosting, etc. | 4.200,00 | 800,00 | 752,00 |
| TOTAL Preparation | | 26.250,00 | 5.000,00 | 4.700,00 |
| COMPETITION | | | | |
| FAI Sanction Fee | See Section 7 | 90.153,00 | 17.172,00 | 16.200,00 |
| FAI Officials (5): Travel, accommodation, meals, daily allowance, car rental | Allow for 2-3 days more than no of comp. days: 500each travel; 80/day each food & lodging; 10/day x 3 jury allowance; 2 cars x 2 weeks rental. | 61.000,00 | 11.730,77 | 11.026,92 |
| Rental of suitable HQ building/rooms/marquee for briefings (180 people+), meeting rooms, scoring room etc. | Local town may offer free use of suitably sized and furnished building. | 21.000,00 | 4.000,00 | 3.760,00 |
| Rental/buy IT & equipment for HQ, launch, goalfields/target etc | Consider IT requirements, computers, software, printers & wifi, phones/mobiles, noticeboards, giant screens etc. Could be much more if live tracking used, for example. | 15.750,00 | 3.000,00 | 2.820,00 |
| Road, airspace, turnpoint maps for pilots, team leaders & HQ | Design/artwork & print costs, consider several large examples for HQ and Launch | 4.200,00 | 800,00 | 752,00 |
| Tshirts | Count in pilots, team leaders, drivers, staff, volunteers, press, VIPs, sponsors | 8.000,00 | 1.523,81 | 1.432,38 |
| Trophies, day prizes, gifts for pilots | FAI medals & diplomas provided by FAI free of charge. Consider trophies, champagne, local souvenirs/products. Local region may provide some goodies, such as pens. Manufacturers may sponsor prizes | 9.500,00 | 1.809,52 | 1.700,95 |
| Transport | PG comp: transport normally included. Factor 3 buses and/or 6 minibuses. HG comp: transport for staff, press, VIPs, reimburse fuel for volunteers | 10.500,00 | 2.000,00 | 1.880,00 |
| Medical services (doctor, paramedic, ambulance etc) | Wholly dependent on what is available or can be negotiated locally | 31.500,00 | 6.000,00 | 5.640,00 |
| Option: Rental & cleaning of portable toilets | | 12.600,00 | 2.400,00 | 2.256,00 |
| Option: Weather forecasting (presentations, daily soundings etc) | Wholly dependent on what is available or can be negotiated locally | 1.575,00 | 300,00 | 282,00 |
| Option: packed lunches or snack/water for pilots/TLs | Allow 3€/flying day/person | 15.750,00 | 3.000,00 | 2.820,00 |
| Contingency | Improvements to launch, equipment purchase/rental, insurance, extra personnel, Live Trackers rental | 16.275,00 | 3.100,00 | 2.914,00 |
| TOTAL Competition | | 297.803,00 | 56.836,10 | 53.484,26 |
| PERSONNEL | | | | |
| Fees for Meet Director, Safety Director, Event organiser, Launch Marshal, Scorer etc. | Increasingly common that key personnel are remunerated for these positions of high responsibility, skill and experience. May also need to cover travel and accommodation/food expenses | 45.885,00 | 8.740,00 | 8.215,60 |
| Food/expenses for organisers, staff, volunteers, helpers 15 days | Even if all staff are volunteers, it is usual to provide some food, camping fees, T-shirt, reimburse fuel for own transport etc | 10.500,00 | 2.000,00 | 1.880,00 |
| TOTAL Personnel | | 56.385,00 | 10.740,00 | 10.095,60 |
| CEREMONIES & SOCIAL EVENTS | | | | |
| Opening & Closing Ceremonies | Buffet for 200+ people, music/entertainment, flags, decorations. This is a suggested minimum. | 21.000,00 | 4.000,00 | 3.760,00 |
| Other social events (bbq, live music evening etc) | According to budget. Local sponsorship may be possible. | 10.500,00 | 2.000,00 | 1.880,00 |
| TOTAL CEREMONIES & SOCIAL EVENTS | | 31.500,00 | 6.000,00 | 5.640,00 |
| MEDIA & PROMOTION | | | | |
| PR or Press person/services prior to & during event | Local tourist office or local authority people may help. Should have someone handling press during the event. | 10.500,00 | 2.000,00 | 1.880,00 |
| Official blogger, photographer, video cameraman, film maker | Writing task reports, press releases, providing photos or video footage to news agencies, web tv etc. | 10.500,00 | 2.000,00 | 1.880,00 |
| Option: Film of the event for promotion of sport, region etc | Making a film for promotional purposes could cost at least 15,000€. See also FAI rules on media rights. | 21.000,00 | 4.000,00 | 3.760,00 |
| Promotional items: stickers, pens, mugs, postcards etc | According to budget. | 5.250,00 | 1.000,00 | 940,00 |
| Press hospitality, local media coverage, souvenir programme, newsletters, advertising etc | According to need. Grants from local authorities often dependent on seeing a 'return', promoting the sport, tourism etc. | 0,00 | 0,00 | 0,00 |
| TOTAL MEDIA & PROMOTION | | 47.250,00 | 9.000,00 | 8.460,00 |
| TOTAL EXPENDITURE | | 459.188,00 | 87.576,10 | 82.379,86 |
| PROJECTED INCOME | | | | |
| Items | Notes | REAIS (R\$) | USD | Euros |
| Pilot fees | Considering 150 pilots and 600 Euros/Pilot | 500.850,00 | 95.400,00 | 90.000,00 |
| Team leader fees | Considering 30 Team Leaders and 600 Euros/TL | 100.170,00 | 19.080,00 | 18.000,00 |
| Grant from local/host town | | | | |
| Grant from county or region | | | | |
| Grant from government sport department or similar | | | | |
| Grant from national Federation or NAC | | | | |
| Sales of promotional items, productising | | | | |
| Sponsorship | | | | |
| TOTAL INCOME | | 601.020,00 | 114.480,00 | 108.000,00 |
| TOTAL REVENUE | | 141.832,00 | 26.903,90 | 25.620,14 |



| | | | |
|---------------------|-------------------|-------------------|-------------------|
| TOTAL INCOME | 601.020,00 | 114.480,00 | 108.000,00 |
|---------------------|-------------------|-------------------|-------------------|

| | | | |
|----------------------|-------------------|------------------|------------------|
| TOTAL REVENUE | 141.832,00 | 26.903,90 | 25.620,14 |
|----------------------|-------------------|------------------|------------------|

The budget study was conducted considering approximate values from previous events and budgets for the 2022 Brazilian Championship. Once this project is approved, a new survey will be conducted with updated details of each item and its costs better defined.

The excell spreadsheet has been attached to this presentation. For a more in-depth analysis, please refer to the original document.



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