2nd FAI
WORLD AIR NAVIGATION RACE CHAMPIONSHIP
2019
PORTUGAL

5th to 14th September 2019
Final Bid

Type of competition: Air Navigation Race
World or Continental: World Competition
Year of the Event: 2019

PORTUGAL
5th to 14th September 2019
1. ORGANIZATION

a) Name and address of organization delegated by the NAC to organize the event:

Aeroclube de Torres Vedras
Aeródromo Municipal da Praia de Santa Cruz
2560-470 Silveira- Portugal

E-mail: actv@actv.pt, info@santacruzworldanr2019.com

Website: www.actv.pt / www.santacruzworldanr2019.com
1. ORGANIZATION

b) Experience in organizing the relevant type of competition:

- 2016 – WRFC Santa Cruz, Portugal
- b1) Portugal Experience on ANR:
  - 2015-Dubai Word Air Games
  - 2017-Castellón World ANR (2 Teams)
  - 2017-Santa Cruz ANR Local Competition
2. LOCATION

Santa Cruz Beach, Portugal
Approx. 1 hour driving from Lisbon International Airport
60km NW of Lisbon
Santa Cruz Beach, Portugal

From airfield, **Walking** distance:

- **10 minutes** - Sea Beach
- **5 minutes** - Hotel/ Town center
Accommodation

Walking distance from the Airfield to the Hotel
Accommodation

- Pousada Santa Cruz
- Hotel Santa Cruz
- Ô Hotels and Resorts - Hotel Golf Mar
- Hotel Praia Azul
3. Weather conditions

Stable wind conditions (prevailing North Wind)
Average weather:

<table>
<thead>
<tr>
<th>Month</th>
<th>Min. Temperature</th>
<th>Max. Temperature</th>
<th>Water Temperature</th>
<th>Rain Probability</th>
<th>Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>July</td>
<td>18°C 64°F</td>
<td>28°C 82°F</td>
<td>19°C 66°F</td>
<td>5%</td>
<td>65%</td>
</tr>
<tr>
<td>Aug.</td>
<td>19°C 66°F</td>
<td>29°C 84°F</td>
<td>20°C 68°F</td>
<td>9%</td>
<td>66%</td>
</tr>
<tr>
<td>Sep.</td>
<td>18°C 64°F</td>
<td>28°C 82°F</td>
<td>20°C 68°F</td>
<td>9%</td>
<td>65%</td>
</tr>
</tbody>
</table>
4. Proposed Dates

2nd FAI World ANR Championship

Santa Cruz 5th to 14th September, 2019

5th to 7th September: Training Days
(Sun) 8th September: Opening Ceremony
9th to 12th September: Navigation Tests
(Fri) 13th September: Landings and Final Four Price Giving and Closing Ceremony
(Sat) 14th September: Departures
5. Airfield Operational Data

Santa Cruz Airfield – LPSC

- RWY 35-17 Asphalt-635x23 m
- RWY 35-17 Compact-1050x25 m
- Elevation 45 metres
- Stable Winds (N, NW)
5.1 Landing System

• Santa Cruz Airfield - LPSC

• As tested on WRFC 2016 the German system will be used for the landing scoring

• A backup system will be also used
6. Navigation Data

• Mainly flat area with a few hills in the vicinity of the airfield

• Dedicated **Precision Air Chart 1: 200 000** used for WRFC2016, created by Portuguese Military Institute.
6.1 Navigation Chart
6.2 Navigation Track/Parcours

Competition: Santa Cruz teste
Q-Round: final
Crew: Gomes Filipe - Francisco Joao
7. Airport Facilities

• 4 Offices, 3 Class Rooms, 2 Briefing Rooms, Restaurant
• 2 Hangars (approx. 25 A/C)
• Maintenance Organization on site - (EASA PART M-F/G)
8. Airplane and Fuel

- Fuel Price of Avgas100LL at November 2018 - **2,20€/Lt**

- Airplanes for rent – Tecnam and Cessna 150, 152, 172

- Average Price for rent:
  - UL Tecnam P92 - **100€***(Average price Wet)
  - Cessna 150/152 - **135€***(Average price Wet)
  - Cessna 172 - **170€***(Average price Wet)

* Prices subject to change
9. Entry Fees

Estimate entry fee for each category:

In double room

- Crew members (for each competitor)  EUR 790
- For each additional team member  EUR 550
- For International Judge Max. 2 per country  EUR 350
- Additional International Judge and Observers  EUR 550
- Supporters (non competitors)  EUR 550

Extra Charge For single room  EUR 150

- Prices subject to change depending on sponsorship
10. OFFICIALS

We are pleased to thank the support and present as:

• COMPETITION DIRECTOR:
  Mr. João FRANCISCO, Portugal

• COMPETITION DIRECTOR DEPUTY:
  Mr. Jacques CARRIQUIRIBERRY, France

• INTERNATIONAL Chief JUDGE:
  Mr. Maurice DUCRET, Switzerland

• PRESIDENT of the JURY:
  Mr. Heinrich SCHAWALDER, Switzerland
10. OFFICIALS

Organization - Competition Officials:

• Scoring Manager:
  - Armin Züger, Finland

• Reserve International Chief Judge and Jury:
  - Jesus Mas, Spain
ANR NATIONAL COMPETITIONS

2 National/Open International Competitions

• March, 2019
• April, 2019

Initial Workshop to Support New Teams
THANK YOU FOR YOUR ATTENTION

We hope to welcome you in Santa Cruz, Portugal

QUESTIONS & ANSWERS