Preliminary Bid

to host the

2\textsuperscript{nd} FAI

World Air Navigation Race Championship

2019

PORTUGAL

6\textsuperscript{th} to 14\textsuperscript{th} September 2019
F.1. Preliminary Bid

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

PORTUGAL
6th 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, filipa.oliveira@actv.pt

Website: www.actv.pt
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>
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</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 6th to 14th September, 2019

6th to 8th 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/ Parcour
7. Airport Facilities

- 4 Offices, 2 Class rooms, Briefing rooms, Restaurant/Bar
- 2 hangars (approx. 25 A/C)
- Maintenance Organization on site - (EASA PART M-F/G) working every day for the competition and training
8. Airplane and Fuel

- Fuel Price of Avgas100LL at November 2017: **2.20€/Lt**

- Airplanes for rent - Cessna 150, 152, 172

- Average Price for rent:
  - 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 members EUR 550
- For International Judge Max.2 per country EUR 350
- Additional International Judge and Observers EUR 550
- Supporters (non competitors) EUR 550

- 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

• INTERNATIONAL Chief JUDGE:
  Mr. Maurice DUCRET, Switzerland

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

Organization - Competition Officials:

• Route Planner:
  - T.B.A (to be announced)

• Scoring:
  - T.B.A (to be announced)

• Reserve International Chief Judge and Jury:
  GAC agreement - T.B.A (to be announced)
PRE-WANR

PROPOSAL for a Preliminary Event
Training Camp
From 6th to 9th September, 2018
Initial Workshop to Support New Teams
THANK YOU FOR YOUR ATTENTION

We hope to welcome you in Santa Cruz, Portugal

QUESTIONS & ANSWERS