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# **Air Navigation Race Subcommittee Meeting**

***2015 GAC Meeting – Azores***

# AGENDA

## Air Navigation Race subcommittee, Azores 2015



09:00-09:05	Welcome and roll call of the members and guests
09:05-10:00	ANR Year 2015 -> Donaueschingen, World Air Games (WAG)
10:00-11:00	WAG Misc. Information
11:00-11:15	Coffee break
11:15-13:15	WAG 2015 in Dubai & Open discussion
13:15-14:30	Lunch
14:30-17:30	Combined meeting of all subcommittees

# Welcome of the members and guests



# AGENDA

## Air Navigation Race subcommittee, Azores 2015



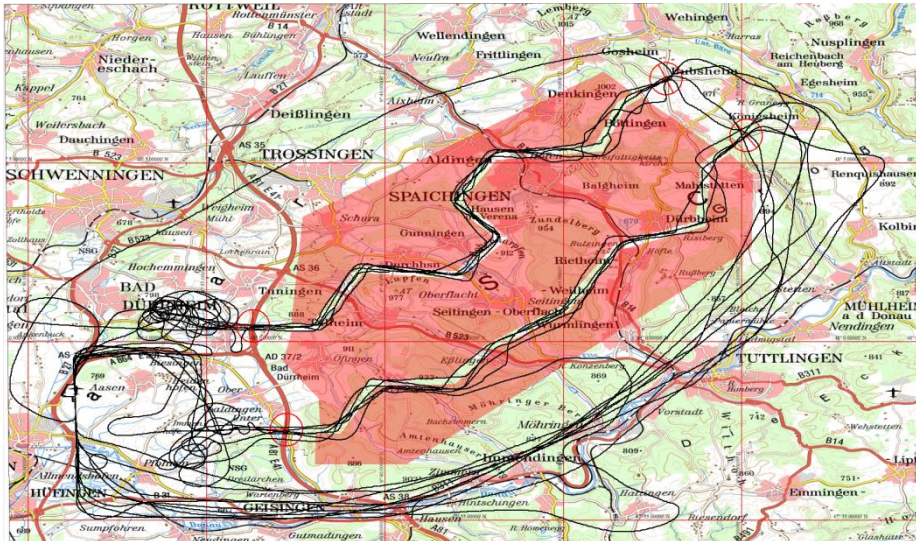
- |             |  |
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# ANR Year 2015

## ANR & PF Trainingscamp Donaueschingen (EDTD)



- 22 participating Crews of 9 Countries
- Training rounds: 5 (Corridor widths: 0.4, 0.3, 0.2 [NM])



# World Air Games in Dubai (WAG)

## A long story...



- 4 Visits im Dubai -> *fruitful but as soon we'were home...*
- Requirements & Time schedule sent last December -> *on many items till now no feedback nor a status*
- Burning issues mentioned since last December:
  - Airplanes ☒
  - Maps ☒ -> *Organized by ourselves, till now no map received from the WAG organizer but promized since early Year...*
  - Budget for ANR live & ANR scoring ☒ ?
- Landing measurement equipment (shipment to Dubai) -> *in progress*
- Tracker equipment (shipment to Dubai) -> *in progress*
- Hotel booking and flights for competitors and officials -> *in progress*

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# **FAI WORLD AIR GAMES DUBAI 2015**

**Progress Report**





# World Air Games 2015 Dubai

## DISCIPLINES:

1. Aerobatics Powered & gliders
2. Aeromodelling
3. Gliding
4. Paramotors
5. Paragliding
6. Helicopters
7. Fixed Wing Aircrafts
8. Parachuting
9. Microlights Trike & Gyro
10. Ballooning



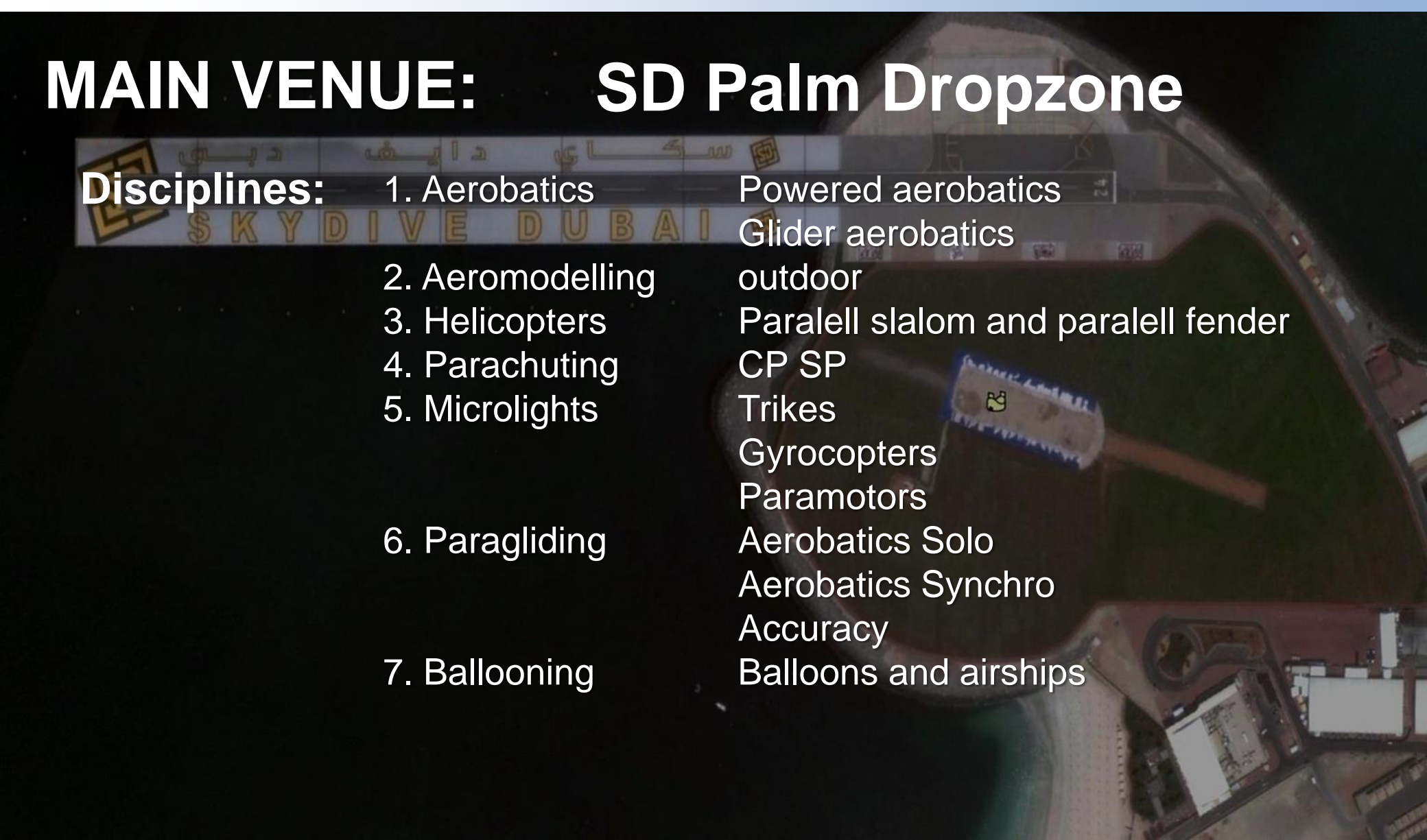
## SITE EVENTS:

Medical Symposium  
Amateur Built & Experimental Aircrafts



## MAIN VENUE: SD Palm Dropzone

### Disciplines:

- 
- An aerial photograph of the SD Palm Dropzone, showing a large, curved, palm-shaped landmass with various buildings and infrastructure. A banner with 'SKYDIVE DUBAI' is visible in the background.
- |                  |                                     |
|------------------|-------------------------------------|
| 1. Aerobatics    | Powered aerobatics                  |
|                  | Glider aerobatics                   |
| 2. Aeromodelling | outdoor                             |
| 3. Helicopters   | Paralell slalom and paralell fender |
| 4. Parachuting   | CP SP                               |
| 5. Microlights   | Trikes                              |
|                  | Gyrocopters                         |
|                  | Paramotors                          |
| 6. Paragliding   | Aerobatics Solo                     |
|                  | Aerobatics Synchro                  |
|                  | Accuracy                            |
| 7. Ballooning    | Balloons and airships               |

## MAIN VENUE: SD Palm Dropzone

### Ceremonies & Awarding



## MAIN VENUE: SD Palm Dropzone

Shows      Activities      Hospitality



## SIDE VENUES: SD Beach

### Disciplines:

Parachuting

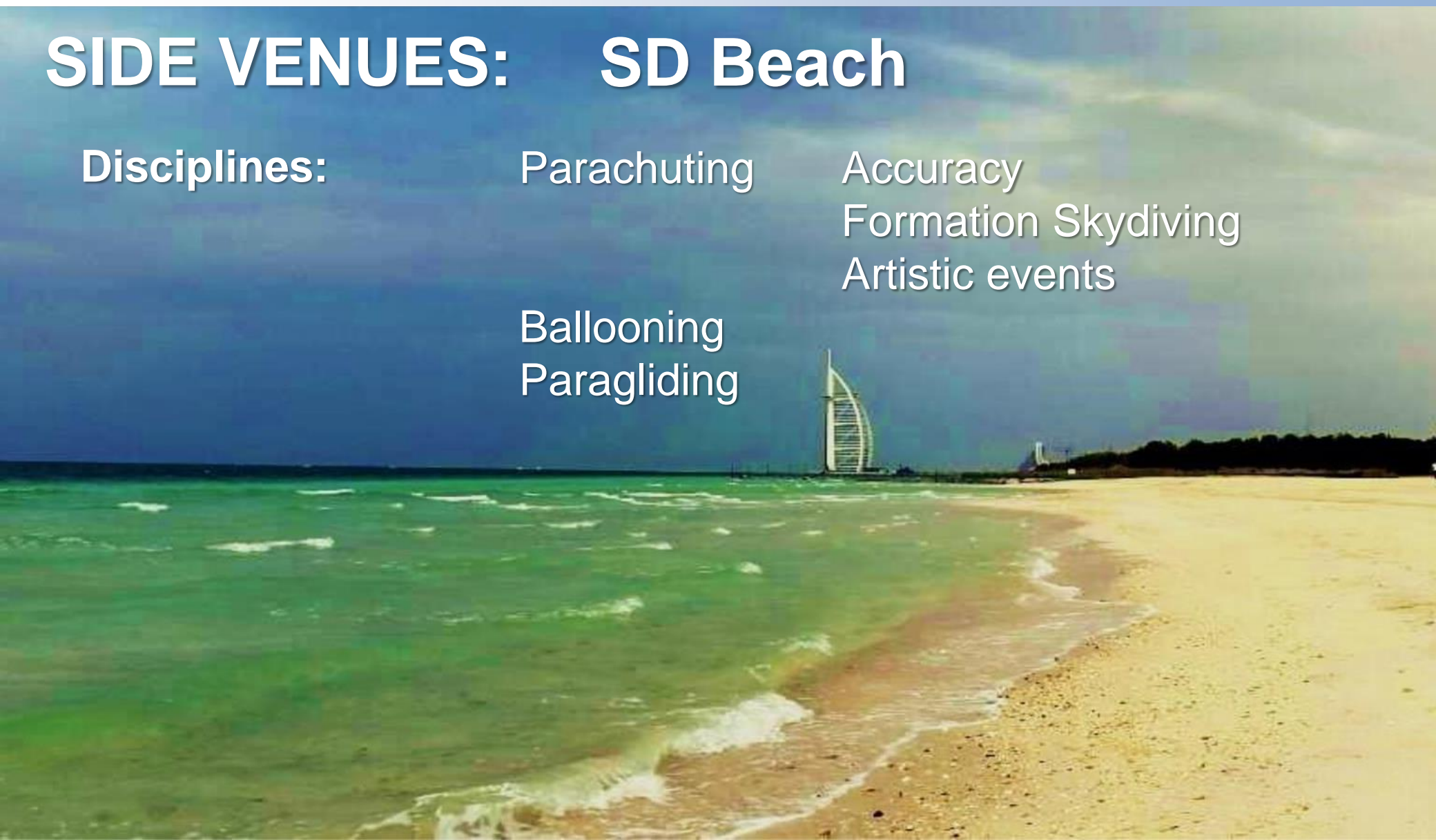
Accuracy

Formation Skydiving

Artistic events

Ballooning

Paragliding



## SIDE VENUES: Dubai Mall Icerink

Disciplines:

Aeromodelling



## SIDE VENUES: SD Desert Dropzone

### Disciplines:

1. General Aviation Air Navigation Race
2. General Aviation Landing Accuracy
3. Gliding



## VENUES locations:

An aerial photograph of Dubai, United Arab Emirates, showing the coastline, urban areas, and desert. Five green circles are placed on the map to indicate the locations of the venues for the World Air Games 2015. The circles are located in the following areas: Palm Jumeirah, the city center near the airport, the desert area near the airport, the desert area near the airport, and the desert area near the airport.

Palm Dropzone  
Beach Dropzone  
Race Track  
Crescent Dropzone  
Desert Dropzone

## HOTELS locations:

**Auris Plaza Dubai**

**Grand Excelsior Hotel**

**JA Oasis Beach Tower**

**Novotel Dubai Al Barsha**

**Double Tree by Hilton Hotels  
& Residences Dubai**

**IBIS Hotel Al Barsha**

**CytiMax Hotel Al Barsha**





# World Air Games 2015 Dubai

## HOTELS total rooms:

Auris Plaza Dubai	75
Grand Excelsior Hotel	175
JA Oasis Beach Tower	265
Novotel Dubai Al Barsha	100
Double Tree Hotel	75
IBIS Hotel Al Barsha	100
CytiMax Hotel Al Barsha	90

**Total: 880 rooms 1620 beds**

# FAI World Air Games Dubai 2015

Daily Graphical Schedule by discipline

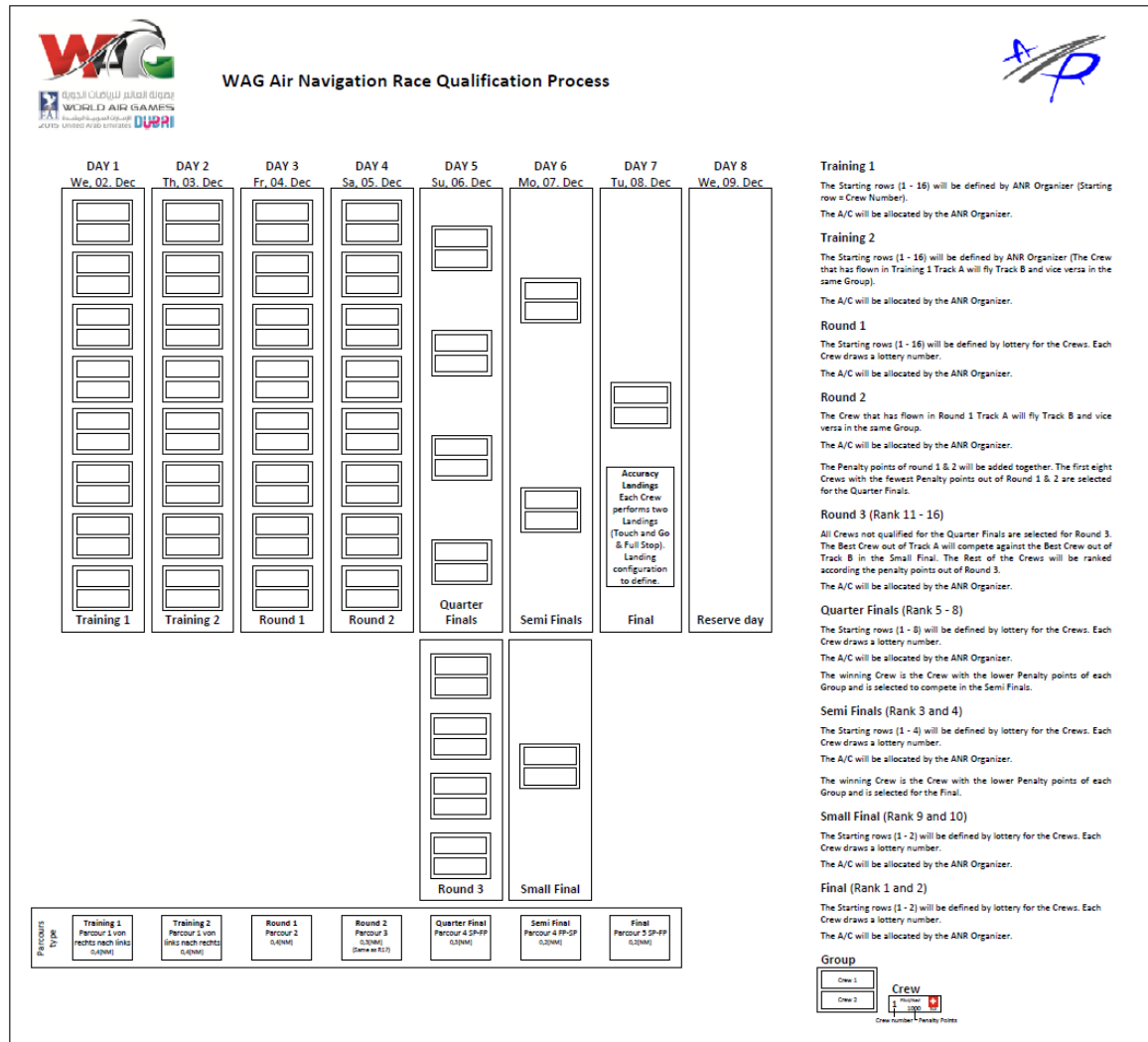


بطولة العالم للرياضات الجوية  
WORLD AIR GAMES  
الإمارات العربية المتحدة  
2015 United Arab Emirates

دبي

# World Air Games in Dubai (WAG)

## ANR Qualification Process



# AGENDA

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# Coffee break



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# WAG 2015 in Dubai



Organized By



HOME

THE GAMES

ABOUT DUBAI

ORGANISING  
COMMITTEE

AIR SPORTS

SCHEDULE

ATHLETES

NEWS

HOSPITALITY

CONTACT US



Aerobatics



Aeromodelling



Aerostats



Amateur-Built



General

WAG  
بطولة العالم للرياضات الجوية  
WORLD AIR GAMES  
FAI  
الرياضات الجوية العالمية  
2015 United Arab Emirates DUBAI

WORLD AIR GAMES 2015  
Starting on December 01

The Biggest  
**AEROSPORTS SPECTACLE** In The Planet  
Is Landing In Dubai This December

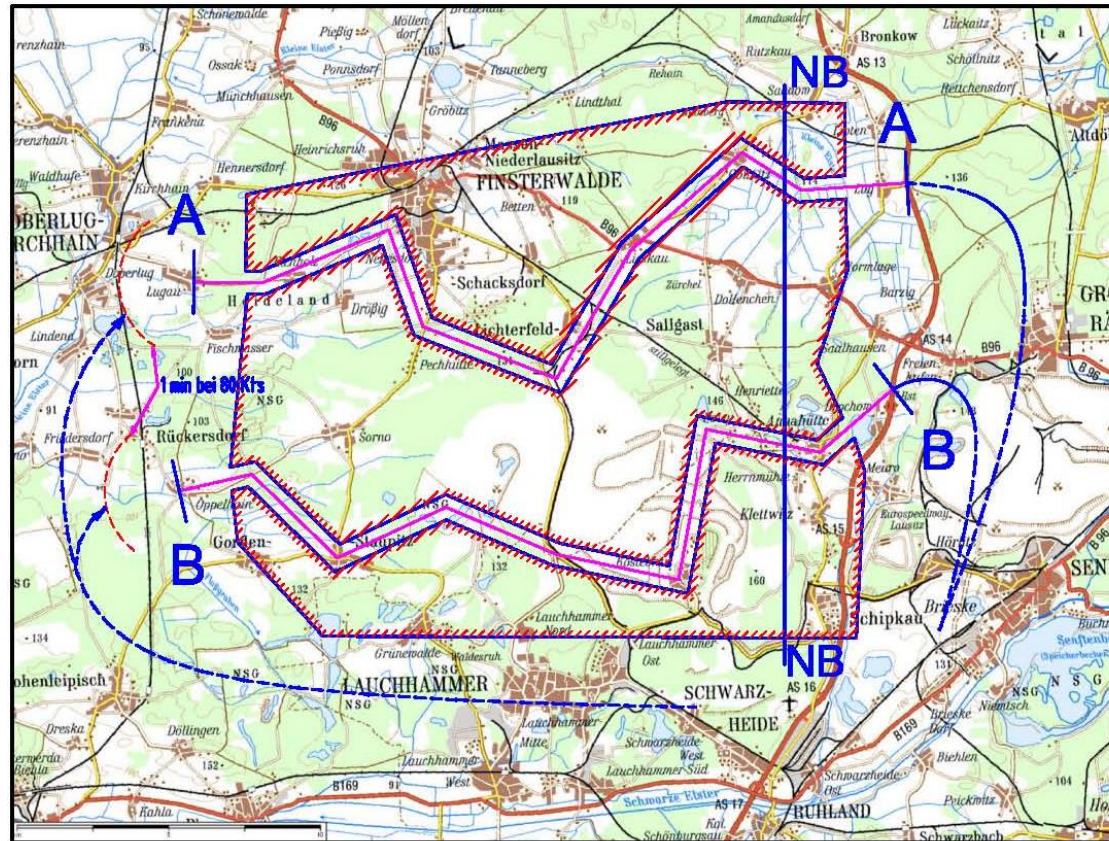
Fly with  
**FREEDOM**

27  
DAYS  
08:18  
hours  
Until Take-off

CURRENT WEATHER ☀ 31° WIND SPEED 🌀 9.66 km/h

<https://www.wagdubai.ae/index.php>

# Open discussion



	Dist.	TT	EET	ETO
T0				
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	Name	John DUCRET
1:200'000	Date	September 2011
	Visum	Maurice DUCRET
SCHIPKAU		

# 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](mailto:maurice.ducret@gmail.com)

[www.pfa.ch](http://www.pfa.ch)

Skype: airduc

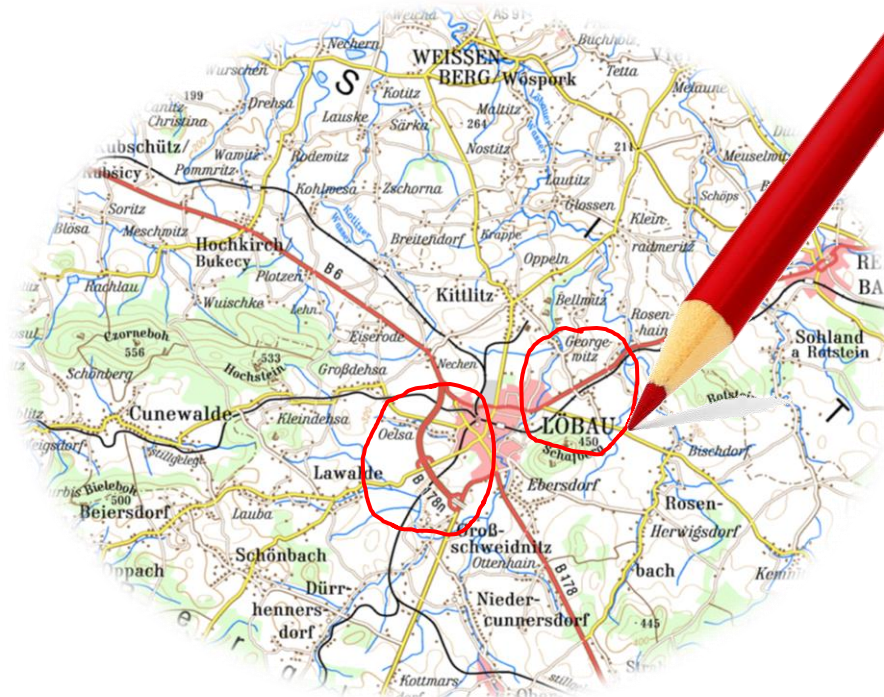
... or just 47.05907°N / 7.62792°E ☺

# How to create your local ANR event (1/3)



If you would like to create your own ANR parcours with our help follow the described steps:

1. Define an area where you would like to create an ANR parcours.
2. Search an appropriate map and define the Start- and Endpoints (mapsize max.: 20 x 15 [NM] ; just draw in the points manually with a pen).



# How to create your local ANR event (2/3)



3. Organize the following maps and worldfiles e.g. from a local Topography institute, Map georeference company or similar:

- Map in UTM format
- Worldfile for the map in UTM format
- Map in WGS84 format
- Worldfile for the map in WGS84 format

## Order Specification:

- *Map dimension:* max. 20 x 15 [NM]
- *Map formats:* UTM and WGS84
- *Scale:* 1:100'000, 1:200'000
- *Map file format:* \*.jpg, \*.png
- *World file format:* \*.jgw, \*.pgw



# How to create your local ANR event (3/3)



Address of a map provider (cheap & fast): **Merkartor**  
Michael Merk  
Dipl.-Ing. (FH) Kartographie  
Meilinger Weg 8  
82229 Seefeld  
Tel.: 08152 – 980166  
Email: [info@merkartor.de](mailto:info@merkartor.de)

4. Send the data package to Maurice Ducret ([maurice.ducret@pfa.ch](mailto:maurice.ducret@pfa.ch)).

***The Data package*** must include in minimum the following:

- Map with the handrawn start- and endpoints
- Map in UTM format
- Worldfile for the map in UTM format
- Map in WGS84 format
- Worldfile for the map in WGS84 format

# How to create your local ANR event (3/3)



5. After clarification of the data we're able to create a parcours for you within 3 weeks.

