



AIRCRAFT

Information on the Dome C skiways

Creation date: January 2006

Updated : 16/11/2012

Concordia Station (Dome C) is provided with two skiways as per attached plan.

1 MAIN SKIWAY

Name : RWY20 - RWY02

- Elevation : 3233mtr - 10608ft
- Length : 2100mtr - 6890 ft
- Width : 35mtr - 115 feet
- Slope : 0°
- Orientation along the prevailing wind direction : 16°
- Threshold 20 (RWY20) S75° 05' 53,3" - E123° 21' 54,4"
- Threshold 02 (RWY02) S75° 06' 57,5" - E123° 20' 40,4"
- Taxi way to the parking area at 1620mtr - 5315ft from RWY02
- Taxi way width : 44mtr - 144ft

2 CROSS SKIWAY

CLOSED FOR THE 2012/2013 SUMMER CAMPAIGN

- Name : RWY29 - RWY11
- Elevation : 3233mtr - 10608ft
- Length : 870mtr - 2855ft
- Width : 30mtr - 99ft
- Slope : 0°
- Threshold 29 (RWY29) S75° 06' 18,3" - E123° 23' 32,6"
- Threshold 11 (RWY11) S75° 06' 08,3" - E123° 21' 36,9"

3 SIGNALISATION

Both skiways are marked with flags on sticks and black bags.

The site is provided with a windsock and an AWS (Automatic Weather Station).

All the directions, given by the Dome C Radio Room or reported on the documents, are in True North.
(with respect to north geographic pole).

4 COMMUNICATION FACILITIES

- **Telephone :**
 - Inmarsat Standard B : 00 872 324 700 178
 - VoIP: 0039 081 772 3680 – 0039 081 772 3681
 - Iridium : 00 881 6214 54 367 - 00 881 631 438 068

- **E-mail addresses :**
 - stationleader@concordiastation.aq, stationleader@concordiabase.eu (download via VSAT connection every 5 min)
 - Standard C : domec@les-raisting.de (no files attached)

- **Radio :**
 - HF : 8245 kHz
 - VHF marine : channel 6

- **For the avio communications the following frequencies are used :**
 - HF : 8245 KHz (primary)
 - HF : 5371 (secondary)
 - VHF :118.10 MHz

5 GROUND ASSISTANCE

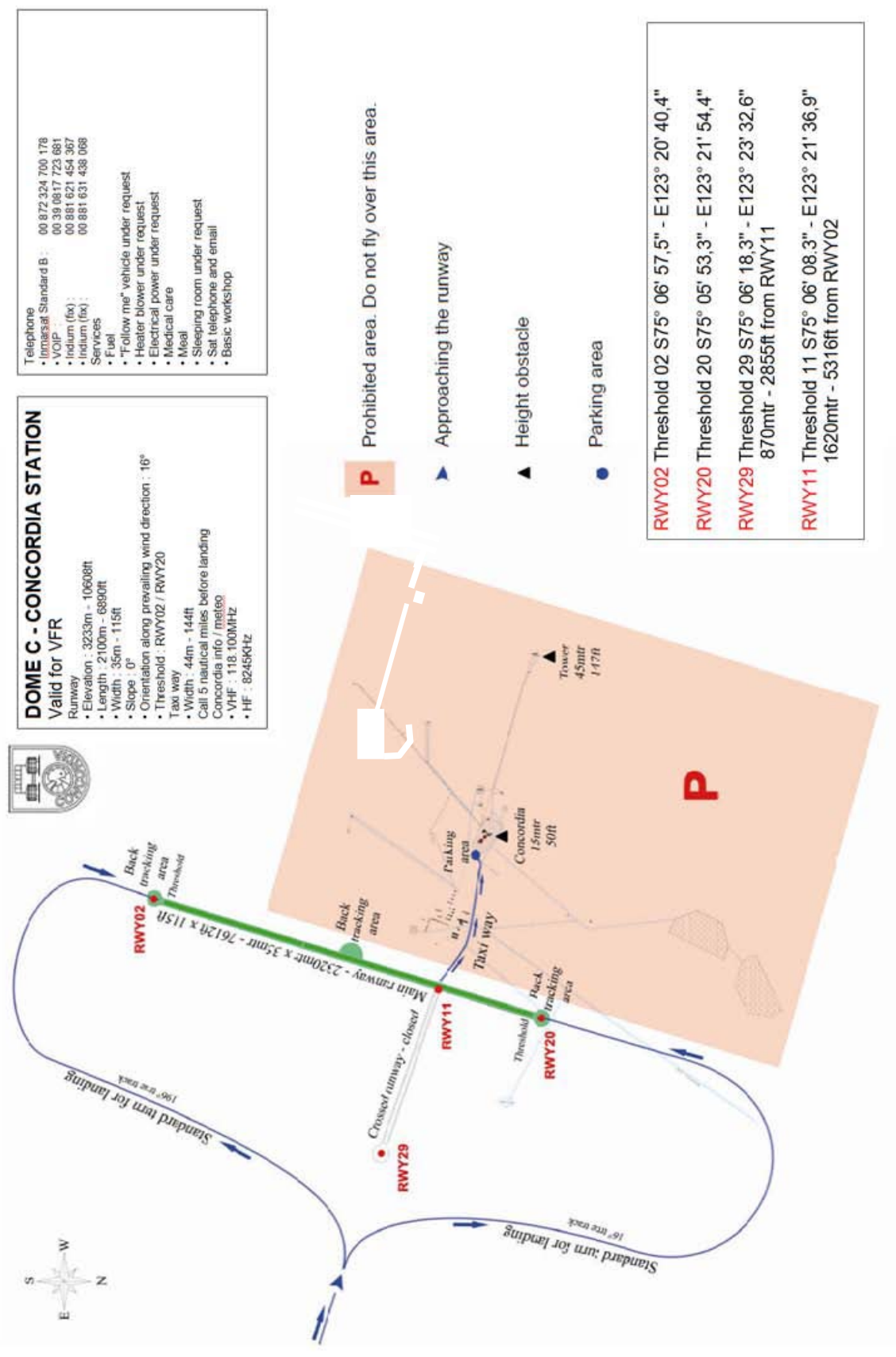
- **Heater blowers:** we can provide on your request portable heater blowers AEROTECH BT 400-10 Herman Nelson, INC.
- **Electric Power:** we can provide on your request electrical power by an Electrogen Group Honda EX 10 D (tested on BASLER - 22 Ampere at 115V , 60 Hz)
- **Fire fighting equipment:** we can provide 1 handler fire powder extinguisher only near the refuelling point because of temperature limitations. .

6 OTHER INFORMATION

- **Weather reports :** there are not professional aeronautic operators in DomeC, but we can provide weather reports on your request every hour, containing:
 - Wind: direction and intensity
 - Visibility: horizontal and vertical
 - Definitions: horizon and surface
 - Cloudness
 - Temperature
 - Pressure

- **Services:** these services are available only if previously requested
 - JET A-1 refuelling
 - Ground handling
 - FOLLOW ME service operated with a ski-doo.
 - meals and/or accommodation for the crew.

The taxiway and parking area are showed on the following figure. In Concordia for scientific research reasons, there is a NO FLIGHT ZONE and no aircraft is allowed to fly over it.



Telephone

- Inmarsat Standard B : 00 872 324 700 178
- VOIP : 00 36 0817 723 681
- Iridium (fax) : 00 881 621 454 367
- Iridium (fax) : 00 881 631 438 068

Services

- Fuel
- "Follow me" vehicle under request
- Heater blower under request
- Electrical power under request
- Medical care
- Meal
- Sleeping room under request
- Sat. telephone and email
- Basic workshop

DOME C - CONCORDIA STATION
Valid for VFR

Runway

- Elevation : 3233m - 10608ft
- Length : 2100m - 6890ft
- Width : 35m - 115ft
- Slope : 0°
- Orientation along prevailing wind direction : 16°
- Threshold : RWY02 / RWY20

Taxi way

- Width : 44m - 144ft
- Call 5 nautical miles before landing
- Concordia info / meteo
- VHF : 118,100MHz
- HF : 8245KHz

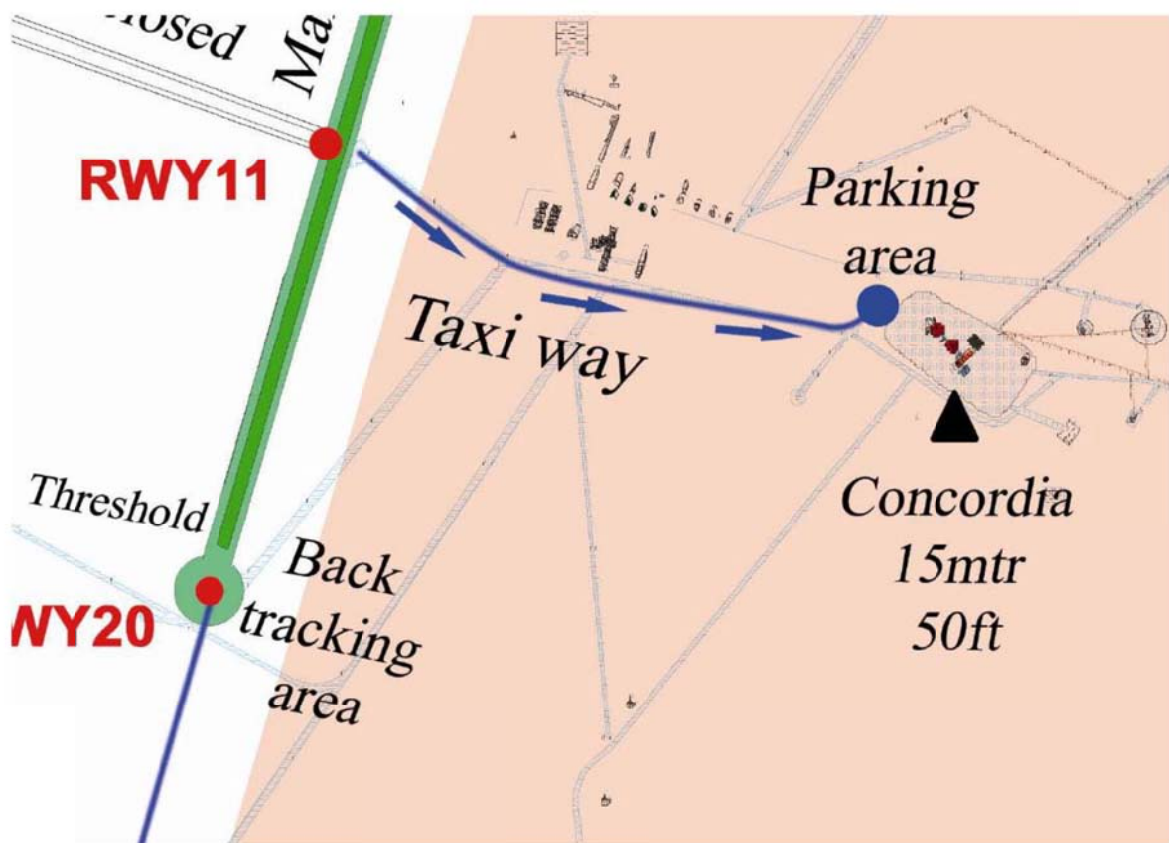
RWY02 Threshold 02 S75° 06' 57,5" - E123° 20' 40,4"

RWY20 Threshold 20 S75° 05' 53,3" - E123° 21' 54,4"

RWY29 Threshold 29 S75° 06' 18,3" - E123° 23' 32,6" 870mtr - 2855ft from RWY11

RWY11 Threshold 11 S75° 06' 08,3" - E123° 21' 36,9" 1620mtr - 5316ft from RWY02

The taxiway is shown in more details in the figure below



7 FLIGHT PLAN

**ANY AIRCRAFT THAT INTEND TO LAND AT DOME C - CONCORDIA STATION MUST FILL THE FLIGHT PLAN AND SEND IT BY EMAIL BEFORE DEPARTURE
EMAIL : stationleader@concordiastation.aq**

- Originator :
- Type of aircraft :
- Aircraft identification :
- Estimated Time of Departure :
- Estimated Time of Arrival :
- Route (direct GPS or different fix) :
- Autonomy (hours) :
- Alternate Aerodrome :
- Persons on board :
- Pilots in command :
- Contact if any (iridium number, email, VHF frequency...) please provide a telephone number so our operator can contact you if needed :
- METAR destination, if requested (email and / or fax) and frequency (every hour, half an hour) :
- Services requested (meal, accommodation, heater, electricity, etc...) :
- Remarks :
- Date :