



International
Civil Aviation
Organization

Organisation
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Organización
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Международная
организация
гражданской
авиации

منظمة الطيران
المدني الدولي

国际民用
航空组织

Ref.: AP008/23 (RSO)

20 January 2023

Subject: PBN Implementation Coordination Group, 10th Meeting PBNICG
Bangkok (19-21 April 2023)

Action required: 1) To submit reports and paper(s)/ presentation(s) by **5 April 2023**; and
2) To complete the online registration by **5 April 2023**

Dear Sir/Madam,

I am pleased to invite your State/Administration to participate in the Tenth Meeting of the Performance Based Navigation Implementation Coordination Group (**PBNICG/10**) to be held in Bangkok from **19 to 21 April 2023**.

The primary aim of PBNICG meeting is to support, harmonize and prioritize the implementation of PBN in the region through sharing of knowledge amongst the States. In this meeting the following will be discussed in order to realize the true potential of PBN Implementation in the region:

1. Progress on the Global & Regional PBN implementation.
2. Implementation status of the Regional Transition Plan for RNP APCH Chart Identification from RNAV to RNP for which the target date was November 2022.
3. PBN Implementation status in the States & the challenges faced by the States and lessons learnt.
4. Established on RNP AR (EoR) – As EoR considers aircraft conducting an RNP AR APCH procedure eligible for Simultaneous Operations on parallel or near-parallel Instrument Runways, this could be quite useful for some parallel runway operation.
5. PBN Training for ATC – As ATC is critical for safe and effective implementation of PBN procedures, they need to be adequately trained in PBN especially on the airborne system.

To make the meeting productive and effective, it is recommended that States should submit working papers/information papers on the above mentioned subjects. States are also invited to submit updated PBN Implementation plan as the plan submitted are quite old and many of them may be outdated. Further, States are encouraged to submit Progress on the transition to PBN Approach chart identification for which the target date is well past the deadline. Reports as well as Working Papers/Information Papers should be submitted **by 5 April 2023** via email to the APAC-RSO@icao.int with a copy to vkishra@icao.int. Forms and templates of the meeting can be downloaded from the website of the Asia and Pacific Regional Office at <http://www.icao.int/APAC/Meetings/Pages/default.aspx>. If papers are received after **5 April 2023**, they will be treated as flimsies.

Asia and Pacific Office
252/1 Vibhavadi Rangsit Road
Chatuchak
Bangkok 10900
Thailand

Postal Address:
P.O. Box 11
Samyaek Ladprao
Bangkok 10901
Thailand

Tel.: +66 (2) 537-8189
Fax: +66 (2) 537-8199

www.icao.int/apac
E-mail: apac@icao.int

The Working and Information Papers, presentations, and other related documents for the meeting will be available on the ICAO website at <http://www.icao.int/APAC/Meetings/Pages/default.aspx>. Delegates should obtain meeting materials from the meeting web page before the commencement of the Meeting.

Enclosed herewith are the PBNICG/10 Provisional Agenda (**Attachment A**), and Meeting Bulletin (**Attachment B**). Kindly complete online registration(s) of the delegate(s) from your Administration who will attend the meetings by **5 April 2023** through the link provided at the meeting webpage.

Yours sincerely,

A handwritten signature in black ink, appearing to be the name 'Tao Ma' in a cursive style.

Tao Ma
Regional Director

Enclosures:

Attachment A - Provisional Agenda

Attachment B - Meeting Bulletin



International Civil Aviation Organization

**THE TENTH MEETING OF PERFORMANCE BASED NAVIGATION
IMPLEMENTATION COORDINATION GROUP (PBNICG/10)**

(Bangkok, 19 –21 April 2023)

Agenda Item 1: Adoption of Agenda

PROVISIONAL AGENDA

(Presented by the Secretariat)

Timing: 0900-1200 (Bangkok time) - Lunch break - 1300-1700

- Agenda Item 1: Adoption of Agenda
- Agenda Item 2: Global and Regional PBN Updates
- Agenda Item 3: Implementation status of the Regional Transition Plan for RNP APCH Chart Identification from RNAV to RNP
- Agenda Item 4: States' PBN Implementation Progress and the challenges faced by the States and lessons learnt
- Agenda Item 5: Established on RNP AR (EoR)
- Agenda Item 6: PBN Training for ATC
- Agenda Item 7: Any other business

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Explanatory Notes on Provisional Agenda Items

Agenda Item 1 – Self explanatory

Agenda Item 2 – Latest development globally and in the region in the field of PBN along-with PBN procedure implantation status will be discussed.

Agenda Item 3 – States to report the Implementation status of the Regional Transition Plan for RNP APCH Chart Identification from RNAV to RNP, which is available on ICAO APAC website on the following link-
<https://www.icao.int/APAC/Documents/edocs/APX.%20B%20-%20Regional%20Transition%20Plan%20for%20RNP%20Chart%20Identification.pdf>

Agenda Item 4 – States to report PBN Implementation Progress and the challenges faced by the States and lessons learnt with an aim to find out solutions through knowledge sharing amongst the States.

Agenda Item 5 - Established on RNP AR (EoR) is operation for simultaneous approaches that considers aircraft conducting an RNP AR APCH procedure eligible for Simultaneous Operations on parallel or near-parallel Instrument Runways. This has a great potential of shorter, precise, repeatable and stabilized flight paths resulting in fuel savings on final approach and consequent reduction in emission.

Agenda Item 6 – As ATC is critical for safe and effective implementation of PBN procedures, they need to be adequately trained in PBN especially the way it is handled by the airborne system, such as the importance of QNH setting for the PBN procedures and possible limitation of some FMS in handling PBN procedures.



ICAO

International Civil Aviation Organization

**TENTH MEETING OF PERFORMANCE BASED
NAVIGATION IMPLEMENTATION COORDINATION
GROUP (PBNICG/10)**

Bangkok, 19 –21 April 2023

THE MEETING BULLETIN

1. Schedule of the Meeting

1.1. The opening session of the meeting will be held at **0900 hrs. ICT (UTC +7)** on **Wednesday, 19 April 2023**. The meeting venue is:

ICAO Asia and Pacific Office (Kotaite Wing)
252/1 Vibhavadi Rangsit Road
Chatuchak, Bangkok 10900
Tel: +66-2-537-8189
Fax: +66-2-537-8199
E-mail: APAC-RSO@icao.int
Web: www.icao.int/APAC

1.2. The program will be available on the [Meeting webpage](#).

2. Officers and Secretariat concerned with the Meeting

2.1. Secretary of the Meeting:

Mr. V. K. Mishra, Regional Officer PBN
E-mail: vk mishra@icao.int

3. Registration of Participants

3.1. Each participant should ensure that their respective State/Organization nominate participant(s) to join the meeting by completing the online registration using <https://www.icao.int/APAC/Meetings/Pages/default.aspx> no later than 5 April 2023, as after this the link will be closed automatically to accept registrations.

3.2. In case of multiple delegates are nominated from a State/Organization, each nominated delegate should register themselves separately.

4. Meeting materials

4.1. The Secretariat will upload the Meeting materials (i.e. documentation, papers, templates, instructions, etc.) available in electronic format prior to the Meeting on the ICAO APAC Office meeting webpage at <https://www.icao.int/APAC/Meetings/Pages/default.aspx>.

4.2. Each participant should review all working papers and supporting information papers prior to the commencement of the Meeting discussion sessions.

4.3. Participants wishing to submit papers for consideration by the Meeting must do so, via e-mail to the ICAO APAC Office at: apac-rso@icao.int with copies to ykmishra@icao.int as early as possible and in any case **no later than 5 April 2023**

5. Meeting Participation

5.1. Participants are required to carry a valid, government issued identity card or passport for verification of their identities prior to entering ICAO facilities. All participants are required to follow ICAO visitor security screening procedure and must comply with security instructions when inside the ICAO premises.

5.2. All in-person participants are requested to abide by the required health-and-safety measures provided in Annex 1.

5.3. Participants are requested to register at the Registration Desk in the reception area of Kotaite Wing between 08:30 - 09:00 hours on the opening day of the Meeting and obtain a meeting identification badge. Participants shall wear the identification badge at all the time when inside the ICAO premises.

5.4. Wi-Fi connection to the Internet is available in the premises of the ICAO APAC Office to enable participants to view the meeting material online. Participants will find information on how to access the Wi-Fi at the Registration Desk.

5.5. Additional 'House Keeping' information is available at the ICAO APAC Office website through the link 'About APAC'.

6. Visa, Insurance and Customs

6.1. Participants from other countries must possess the valid documentation required to enter and stay in Thailand. Participants may wish to obtain information on Thailand entry requirements by accessing the Ministry of Foreign Affairs, Thailand, at <https://www.mfa.go.th/en/index>.

6.2. Application for entry visa is the responsibility of the State or delegate concerned, and should be requested well in advance as for certain countries visa processing may require additional security screening time. In case if a visa support letter is required, the appropriate authority, Administration or State in question should send a request, on official letterhead, to the ICAO APAC Office, at least 6 weeks before the start of the meeting. No personal invitations can be issued by ICAO.

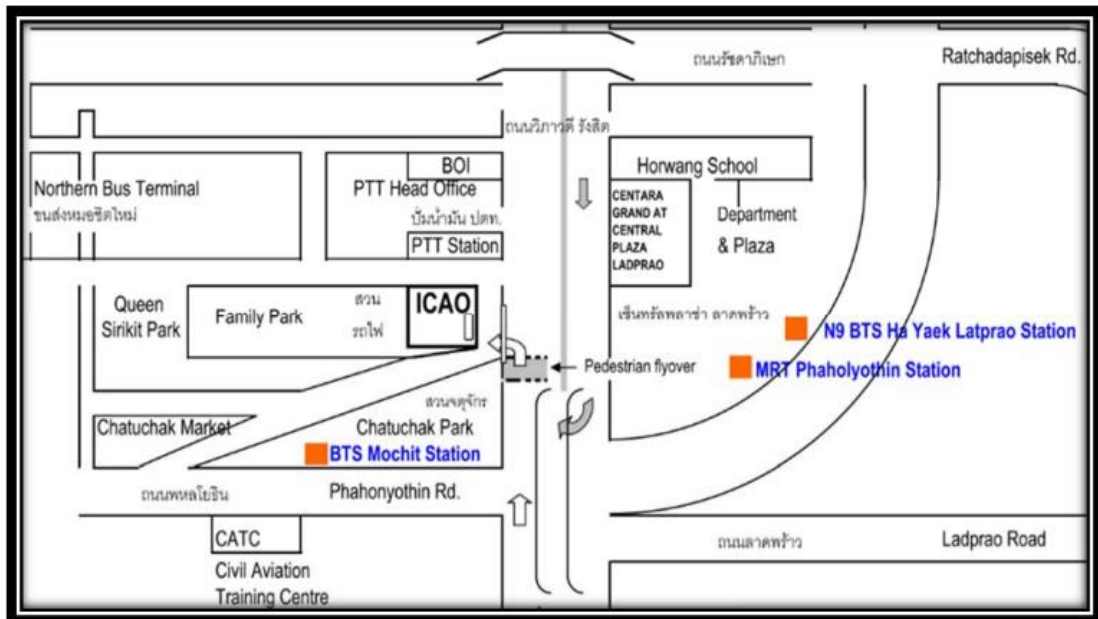
6.3. Participants must be medically fit and in possession of insurance coverage to meet expenses for any unexpected event, including illness or medical emergency during the meeting. ICAO will not take responsibility for any expenses incurred concerning participation to its meetings/events. Information for vaccination shall be obtained from local Thailand Embassy or Thailand immigration <https://www.immigration.go.th/en/>.

6.4. Foreign currencies may be taken out of the country up to the amount imported and declared. Up to date information is available at the Thailand Customs <https://www.customs.go.th/index.php?lang=en>.

7. Hotel Reservations, Transportation and Parking

7.1. Participants are required to make their own accommodation arrangements. A list of hotels in the vicinity of ICAO APAC and hotels in the city with UN special rates is available in ICAO APAC website <https://www.icao.int/APAC/Documents/info/hotellist.pdf>. Participants should contact the hotel directly for a reservation. The hotels list is provided for convenience of the participants only. ICAO APAC does not take responsibility for any incident arising from stay of the participant in any of the listed hotels.

7.2. Participants are required to make their own transportation arrangements between the airport, their accommodation/residence and the meeting venue. When departing Bangkok, your hotel can usually arrange for transportation to the airport, for a fee.



7.3 Detailed information about the location of ICAO APAC Office is provided in Annex 2. The nearest stations to the ICAO Bangkok Office are BTS (Skytrain) **Ha Yaek Lat Phrao (N9)** or MRT (Subway) **Phahon Yothin (BL14)**, where they are close to each other. At the BTS Ha Yaek Lat Phrao station, take Exit No. 1, and at the MRT Phahon Yothin station, take Exit No. 3 and walk through pedestrian ways and then walk across the park then over the Vibhavadi Rangsit Road using the pedestrian overpass to the ICAO Office which should take around 10 minutes. Participants may download an instruction at: <https://www.icao.int/APAC/Documents/apacmap.pdf>.

7.4 Limited parking space is available for Diplomatic, United Nations and Government vehicles with official registration only. Vehicle information must be sent to ICAO APAC 72 hours prior to access. Parking at the ICAO facility is at the drivers' own risk. ICAO APAC will not be responsible for any incident concerning parking of vehicle in ICAO facilities.

7.5 Parking of private vehicle or taxi is not permitted inside the ICAO facilities. Paid parking is available at the Central Plaza Ladprao Shopping Mall across the Vibhavadi Rangsit Road. Limited street public parking is available near ICAO APAC.

8. Food and Catering Arrangements

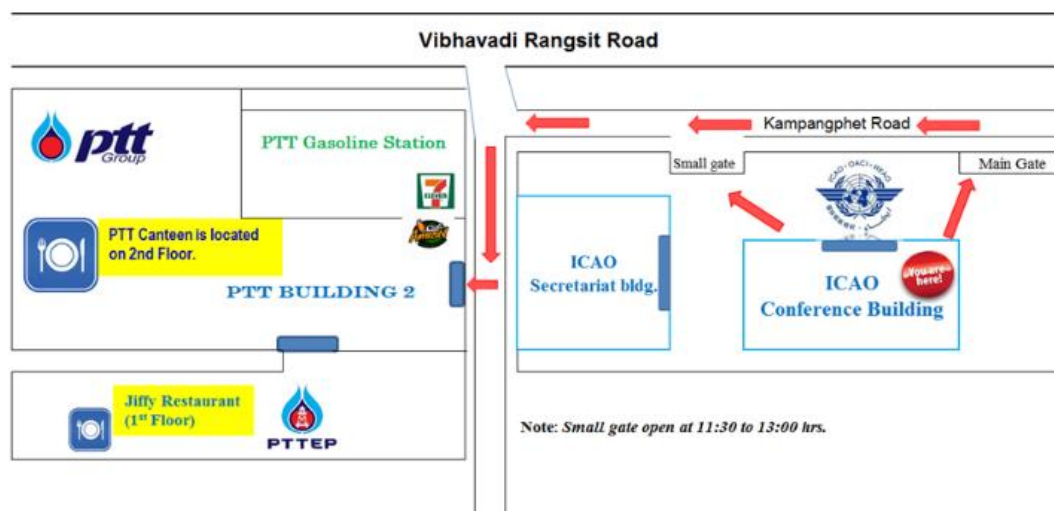
8.1. The ICAO Office will provide tea and coffee for participants during the morning and (where programmed) afternoon meeting breaks.

8.2. The ICAO Office discourages single-use plastic bottles in the ICAO facilities and provides drinking-water dispensers for participants to use in the common area.

8.3. The ICAO Office does not provide lunch for participants during the meeting. Participants are responsible for their own lunch arrangements and may purchase meals from restaurants/cafeterias located near the ICAO Office, as provided below.



**CENTARA
GRAND**
AT CENTRAL PLAZA
LADPRAO BANGKOK



8.4. Participants note that the meeting will resume promptly at the programmed time following the lunch break (which is normally 1 hour).

9. Further Information

9.1. Smoking is prohibited in ICAO APAC building. Participants wishing to smoke are invited to use the designated smoking areas.

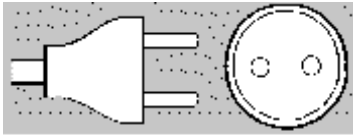
9.2. Information about weather condition may be found on the website of Thai Meteorological Department at <http://www.tmd.go.th>. Tropical or light weight and washable cottons will suffice and woollens are not necessary.

9.3. Bangkok time is 7 hours ahead of Co-ordinated Universal Time (UTC+7).

9.4. International credit cards such as American Express, Diners Club, Visa, Master Card, etc. are normally accepted at major hotels and department stores.

9.5. All commercial banks exchange major foreign currencies and are open from 0830 to 1530 hours from Monday through Friday and some keep the foreign exchange counter open until 2000 hours during weekdays. Foreign exchange counters operated by various commercial banks are located at several places in the city and are also open during Saturdays and Sundays and on public holidays from 1000 to 2000 hours. To change traveler's cheques, you are required to show your passport.

9.6. The type of electrical plug and socket typically used in Thailand is two parallel prongs:



Plug Type C



9.7. For further information, please contact the Secretariat at:

Tel: +66-2-537 8189

Fax: +66-2-537 8199

E-mail: apac@icao.int

ICAO APAC Regional Office Health and Safety Information for Meeting Participants

PERSONAL RISK ASSESSEMENTS:

1. Participants should strictly **not attend** meetings if they are unwell, have a runny nose, sore throat, headache, muscle pain, fever, cough or any other respiratory symptoms; as well as any gastrointestinal symptoms such as nausea, vomiting or diarrhea.
2. Meeting participants are advised to conduct their own personal risk assessment when choosing to attend in-person meetings. The following conditions may put you at greater risk of serious complications if affected by COVID-19:
 - Hypertension
 - Obesity (BMI equal to or greater than 30)
 - Chronic lung diseases (including, but not limited to, severe asthma)
 - Diabetes, type 1 and 2
 - Cardiovascular diseases
 - Cancer or history of cancer, even if in remission
 - Severe liver or kidney disease
 - Pregnancy
 - Conditions or treatments that may affect immunity
 - Age, 60 years old and above
 - Other conditions or treatments as recommended by your treating physician
3. Participants are advised to have health insurance coverage for your stay in Thailand, and bring an adequate supply of routine medication or other medical supplies as needed.

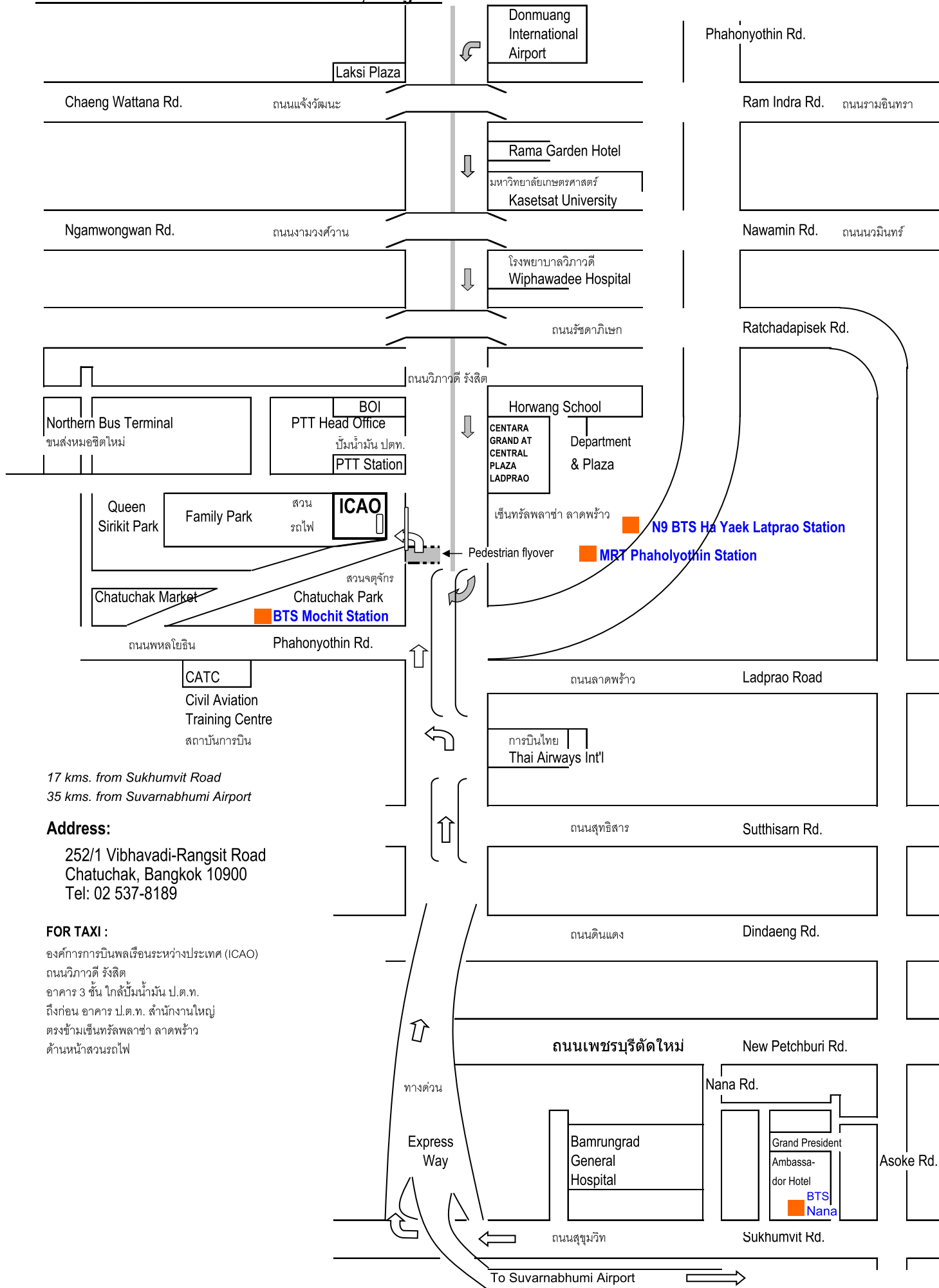
PREVENTION AND PERSONAL PRECAUTIONS:

1. Participants are to wear a medical mask that covers the nose to under the chin at all times during the meeting and inside the ICAO building premises, except when you take the floor to speak in the respective conference/meeting room.
2. In case of symptoms of cough or fever, difficulty breathing, sudden loss of smell or taste without nasal congestion, or any other symptom associated with COVID-19, **please do not come to the ICAO APAC Regional Office**. In addition,
 - o Participants are advised to perform a rapid test as soon as possible. If you do not have access to a rapid test, you must self-isolate.
 - o If you have a COVID-19 positive test result, you must inform the meeting organizer and not attend the meeting in person.
3. If you have been in close contact with a COVID-19 case, please self-monitor and practice DMHT (distancing, mask, handwashing, testing) for 5 days.
4. If you become unwell during a meeting, immediately notify the Organizers of the meeting, or any ICAO personnel on site.

PERSONAL ACCOUNTABILITY COMMITMENT:

All meeting participants agree to abide by and engage in the required health-and-safety-measures while on ICAO premises. This includes, but is not limited to, all the measures mentioned above as well as any circumstances not covered by these guidelines, which may be subject to special consideration and stipulations, as deemed appropriate.

Location of ICAO Asia and Pacific Office, Bangkok



17 kms. from Sukhumvit Road
35 kms. from Suvarnabhumi Airport

Address:

252/1 Vibhavadi-Rangsit Road
Chatuchak, Bangkok 10900
Tel: 02 537-8189

FOR TAXI :

องค์การการบินพลเรือนระหว่างประเทศ (ICAO)
ถนนวิภาวดี รังสิต
อาคาร 3 ชั้น ใกล้ปั๊มน้ำมัน ป.ต.ท.
ถึงก่อน อาคาร ป.ต.ท. สำนักงานใหญ่
ตรงข้ามเซ็นทรัลพลาซ่า ลาดพร้าว
ด้านหน้าสวนรถไฟ