



บริษัท วิทยุการบินแห่งประเทศไทย จำกัด
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AERONAUTICAL RADIO OF THAILAND LTD.
STATE ENTERPRISE UNDER THE MINISTRY OF TRANSPORT
102 Soi Ngamdulpee, Tungmahamek, Sathon, Bangkok 10120, Thailand

Ref. ART 2349 /2024

11 December 2024

To: All Member/Non-Member Airlines/Handling Agencies

Subject: The New Scheme of Air Navigation Service Charges

Dear Sirs,

In compliance with The Civil Aviation Authority of Thailand (CAAT) announcement; title Air Navigation Services (ANS) Charges by Aeronautical Radio of Thailand Ltd. (AEROTHAI) B.E. 2567, dated 28 October 2024 which already set forth the principle and new rate of ANS charges under the terms and condition of AEROTHAI that passed the approval from the Director General, CAAT before eligible to charge the airlines.

We, AEROTHAI sincerely considered the terms and condition to charge the airlines, both Member and Non-member airlines, which comply to the Civil Aviation Board (CAB) announcement on the criteria, methods, and conditions for calculating air navigation services, B.E. 2566 together with International Guidelines. Thereafter, the Director General, CAAT has just passed the approval to AEROTHAI for the ANS Charges to Member and Non-member airlines as follows; (see attachment for whole scheme)

Unit Rate of ANS Charges by AEROTHAI

ANS Charges	Member Airline Unit Rate (THB per Unit)	Non-Member Airline Unit Rate (THB per Unit)
En Route Charge	3,800	11,500
Terminal Charge	580	1,750

The new scheme of ANS Charges will be levied as soon as CAAT agree to pass the Certificate of Air Navigation Service in terms of Air Traffic Management (ATM), Communications, Navigation and Surveillance Systems (CNS) and Instrument Flight Procedure Design Service (IFPD) to AEROTHAI.

We take this opportunity to notify at least 1 month in early for your preparing financial budget in the year to come. We will inform you the effective date of the new scheme of ANS Charges again, as soon as the Certificate of Air Navigation Service already been approved.

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Aeronautical Radio of Thailand Ltd.

Ref. ART 2349/2024

- 2 -

If you have any query regarding the above subject, please do not hesitate to contact us.

Yours faithfully,



Mr. Nopasit Chakpitak
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Air Navigation Service Charges (ANS Charges)

$$\text{ANS Charges} = \text{En Route Charge} + \text{Terminal Charge}$$

- En Route Charge = Weight Factor x Distance Factor x Unit Rate
- Terminal Charge = Weight Factor x Terminal Multiplier x Unit Rate

Descriptions:

1. Weight Factor

- For En Route Charge, Weight Factor = $\sqrt{\text{MTOW}/x}$
- For Terminal Charge, Weight Factor = $\sqrt{\text{MTOW}}$

MTOW is the Maximum Take-off Weight of aircraft in 'metric ton', roundup fraction to the next whole number and specified by the factory.

(See details in <https://eservice.aerothai.co.th>)

Where the value of X is:

$$\text{MTOW} = 0 - 100 \text{ Ton, } x = 50$$

$$\text{MTOW} = 101 - 200 \text{ Ton, } x = \text{MTOW}/2$$

$$\text{MTOW} > 200 \text{ Ton, } x = 100$$

2. Distance Factor = Distance/250 Km

Distance is the great circle distance traveled within Bangkok FIR in 'kilometer', roundup fraction to the next whole number. For each landing and takeoff within the Bangkok FIR, 50 kilometers are deducted from the great circle distance. If the great circle distance after being deducted for landing/takeoff is less than 250 kilometers, it will be calculated as 250 kilometers or Distance Factor = 1.

(See details in <https://eservice.aerothai.co.th>)

3. Terminal Multiplier

Airports	Terminal Multiplier		
	2025	2026	2027 Onwards
Suvarnabhumi Airport	0.90	0.90	0.90
Don Mueang International Airport	0.50	0.90	0.90
Phuket International Airport Chiang Mai International Airport	0.50	0.50	0.90
Hat Yai International Airport Mae Fah Luang – Chiang Rai International Airport	0.50	0.50	0.50
Krabi International Airport	0.05	0.05	0.50
Other Provincial Airports	0.05	0.05	0.05

4. Unit Rate

ANS Charges	Member Airline Unit Rate (THB per Unit)	Non-Member Airline Unit Rate (THB per Unit)
En Route Charge	3,800	11,500
Terminal Charge	580	1,750

Notes:

1. Domestic flights will be charged at 75% of international flights.
2. Overfly flights will be charged 1.45 times of En Route Charges.
3. Charter flights operate for tourist and/or goods into/from Thailand will be charged as same as member airlines.
4. ANS Charges for domestic school flights will be charged according to the rate charges to Member airlines, which applied by the Resolution of Civil Aviation Board 1st/2013 meeting, dated 17 October 2013 and 1st/2015 meeting, dated 28 February 2015. The exemption is applied by the Ministry of Transport Announcement; title the exemption of take-off/ landing and parking fee for small aircraft of school flights.
5. The exemption of charges is followed the Ministerial Regulations specify fees and maximum rates of service at airports, B.E. 2554, Clause no.6 and AIP Thailand.

ANS Charges for domestic school flights

Part	Type of Charges	4 Training Hub Airports Hua Hin, Nakhon Ratchasima, Phitsanulok, Khon Kaen	Non-Training Hub Airports
1.	En Route Charge	10% of Member Airlines' Charge	20% of Member Airlines' Charge
2.	Terminal Charge (DEP/ARR)	50% of Member Airlines' Charge	100% of Member Airlines' Charge
3.	3.1 Terminal Charge (Touch and Go (TGL), Low Approach (LA), Missed Approach (MAT))	<ul style="list-style-type: none"> • 50% of Member Airlines' Charge • DEP and ARR together counted as 1 flight • Only the final flight charged 	<ul style="list-style-type: none"> • 100% of Member Airlines' Charge • DEP and ARR together counted as 1 flights • Every flight charged
	3.2 Terminal Charge (Stop and Go (SGL))	<ul style="list-style-type: none"> • 50% of Member Airlines' Charge • DEP and ARR together counted as 2 flights • Only the final flight charged 	<ul style="list-style-type: none"> • 100% of Member Airlines' Charge • DEP and ARR together counted as 2 flights • Every flight charged