

VTUI AD 2. AERODROMES

VTUI AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VTUI – SAKON NAKHON / SAKON NAKHON AIRPORT

VTUI AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	171142.51N 1040707.06E	←
2	Direction and distance from (city)	12 km N from city	
3	Elevation/Reference temperature	57 ft	
4	MAG VAR/Annual change	0° 50'W (2010) / 2'W	←
5	AD Administration, address, telephone, telefax, telex, AFS	Director of Sakon Nakhon Airport Sakon Nakhon Airport Sakon Nakhon-Nakhon Phanom Road Amphoe Muang, Sakon Nakhon Province 47000 Thailand. TEL. (042) 712602 FAX. (042)712602 AFS : VTUIYDYX	
6	Types of traffic permitted (IFR/VFR)	IFR/VFR	
7	Remarks	Nil	

VTUI AD 2.3 OPERATIONAL HOURS

1	AD Administration	HJ
2	Customs and immigration	-
3	Health and sanitation	-
4	AIS Briefing Office	HJ
5	ATS Reporting Office (ARO)	-
6	MET Briefing Office	-
7	ATS	2300-1100

VTUI AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	-
2	Fuel/oil types	Nil

VTUI AD 2.5 PASSENGER FACILITIES

1	Hotels	in the city
2	Restaurants	in the city

VTUI AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Category 6
2	Rescue equipment	Yes
3	Capability for removal of disabled aircraft	-
4	Remarks	Nil

VTUI AD 2.7 SEASONAL AVAILABILITY-CLEARING

1	Types of clearing equipment	-
2	Clearance priorities	-
3	Remarks	The aerodrome is available all seasons.

VTUI AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Concrete Strength: PCN 41 / R / C / X / T
2	Taxiway width, surface and strength	Width: 23 M Surface: Asphaltic Concrete Strength: PCN 41 / F / C / X / T

VTUI AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Marked
2	RWY and TWY markings and LGT	RWY and TWY: Marked and lighted

VTUI AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas			In circling areas and at AD		Remarks
1			2		3
RWY/Area affected	Obstacle type Elevation Markings/LGT	Coordinates	Obstacle type Elevation Markings/LGT C	Coordinates	-
a	b	c	a	b	
-	Radio mast HGT 152 M, painted red/white LGTD on top.	170924N 1040754E	-	-	
	Radio mast HGT 120 M painted red/white LGTD on top.	171130N 1040542E			
	Radio mast HGT 52 M painted red/white LGTD on top.	17113N 1040717E			

VTUI AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Aeronautical Radio of Thailand Company Ltd. Airports of Thailand Public Company Ltd. Thai Airways International Public Company Ltd.
2	Hours of service MET Office outside hours	SUN MON TUE FRI 1210-1315, WED THU 2300-0000, SAT 0550-0655
3	Office responsible for TAF Preparation Periods of validity	supply TAF from Southern (Westcoast) Regional Met. Center
4	Type of landing forecast Interval of issuance	supply TAF from Southern (Westcoast) Regional Met. Center
5	Briefing/consultation provided	No
6	Flight documentation Language (s) used	-
7	Charts and other information available for briefing or consultation	Daily Weather Forecast
8	Supplementary equipment available for providing information	AWOS, Radar
9	ATS units provided with information	-
10	Additional information (Limitation of service, etc.)	IP system

VTUI AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE & MAG BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates	THR elevation and highest elevation ff TDZ of precision APP RWY	
1	2	3	4	5	6	
05	45.50°	2600x45	35/F/D/X/T Asphaltic Concrete	171112.56N 1040635.89E (WAS-84)	THR 529 FT TDZ 529 FT	
23	225.50°	2600x45	35/F/D/X/T Asphaltic Concrete	171212.45N 1040738.22E (WGS-84)	TDZ 526 FT TDZ 526 FT	
Slope of RWY-SWY		SWY dimensions (m)	CWY dimension (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12	
-		150 x 45	-	3020x300	-	-
-		150 x 45	-	3020x300	-	-

VTUI AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
05	2600	2600	2750	2600	-
23	2600	2600	2750	2600	-

VTUI AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Desig- nator	APCH LGT type LEN INTST	THRLG colour WBAR	VASIS (MEHT) PAPI	TDZ,LGT LEN	RWY Centre Line LGT Length, spacing, colour, INTST	RWY edge LGT LEN, spacing colour INTST	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
1	2	3	4	5	6	7	8	9	10
05	RTIL	Green	PAPI Left 3° Right 3° (15.72M)	NIL	NIL	2600 M 60 M white, LIH	RED	NIL	-
23	SALS 420 M	Green	PAPI Left 3° Right 3° (15.72M)	NIL	NIL	2600 M 60 M white, LIH	RED	NIL	-

VTUI AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation.	ABN: At Tower Building, FLG W G EV 7 SEC.
2	LDI location and LGT Anemometer location and LGT.	-
3	TWY edge and centre line lighting	Edge: ALL TWY
4	Secondary power supply/switch-over time	Secondary power supply to all lighting at the airport. Switch over time: 15 SEC.
5	Remarks	Nil

VTUI AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	A circle of 5 NM radius centred on RAN DVOR/DME (171250.89N1040812.34E(WGS-84))
2	Vertical limits	2000 ft/AGL
3	Airspace classification	C
4	ATS unit call sign Language (s)	Ranong Tower En, Thai
5	Transition altitude	11,000 ft
6	Remarks	Nil

VTUI AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Sakon nakhon Approach	123.35 MHZ	2300-1100	* Emergency Freq.
TWR	Sakon Nakhon Tower	*121.5 MHZ 119.65 MHZ 236.6 MHZ	2300-1100	
ATIS		375 kHz	2300-1100	

VTUI AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, CAT of ILS/ MLS (For VOR/ ILS/MLS, give VAR)	ID	Frequency	Hours of oper- ation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	SN	365 kHz	H 24	171149.17N 10406653.42E (WGS-84)	-	NDB unusable between 140-180 degrees beyond 15 NM
DVOR/DME	SKN	114.2 MHz CH 89	H 24	171250.89N 1040812.34E (WGS-84)		DVOR/DME coverage restriction as follow: - Radial 001°-090° beyond 30 NM altitude should not below 2 000 ft - Radial 091°-130° beyond 30 NM altitude should not below 1 500 ft - Radial 131°-280° beyond 40 NM altitude should not below 4 000 ft - Radial 281°-360° beyond 40 NM altitude should not below 2 500 ft
IILS CAT I RWY 23 LOC	ISKN	110.3 MHz CH 40X	H 24	171107.73N 1040630.87E (WGS-84)		Designated operation coverage 18 NM. ALT 6800 FT/AMSL.
DME				171106.06N 1040632.52E	527 FT	Paired with LOC FREQ
GP		335.0 MHz	H 24	171208.11N 1040728.88E		3 DEG REF Datum height 50 FT

VTUI AD 2.20 LOCAL TRAFFIC REGULATIONS

VFR REPORTING POINTS AND LOCAL PROCEDURES

SAKON NAKHON AIRPORT

Reporting points for VFR flight In order to expedite and maintain an orderly flow of air traffic into Sakon Nakhon Airport, the procedures of inbound traffic for VFR flight, conventional and prop - jet aircraft be set up as follows:

- a) Aircraft entering to land from north of Sakon Nakhon Airport, shall report over Nong Wai reservoir designated as November Whisky (172205.2N 1040316E) which is approximately 10 NM on radial 334 of SKN DVOR/DME (171250.89N1040812.34E(WGS-84)), when reaching NW the aircraft will be instructed to join aerodrome traffic circuit accordingly.
- b) Aircraft entering to land from east of Sakon Nakhon Airport, shall report over Hoai Wung reservoir designated as Hotel Whisky (171805.2N 1043056.2E) which is approximately 22.5 NM on radial 077 of SKN DVOR/DME (171250.89N1040812.34E(WGS-84)) when reaching HW the aircraft will be instructed to join aerodrome traffic circuit accordingly.
- c) Aircraft entering to land from south of Sakon Nakhon Airport, shall report over Nam Phung Dam designated as November Papa (170245.3N 1041216.3E), which is approximately 11 NM on radial 158 of SKN DVOR/DME (171250.89N1040812.34E(WGS-84)), when reaching NP the aircraft will be instructed to join aerodrome traffic circuit accordingly.
- d) Aircraft entering to land from south of Sakon Nakhon Airport, shall report over Ban Na reservoir, designated as November Kilo (164625.4N 1040201.5E) which is approximately 27 NM on radial 192 of SKN DVOR/DME (171250.89N1040812.34E(WGS-84)), when reaching NK the aircraft will be instructed to join aerodrome traffic circuit accordingly.
- e) Aircraft entering to land from west of Sakon Nakhon Airport, shall report over Nam Un reservoir, designated as November Uniform (171005.2N 1034646.5E) which is approximately 20.5 NM on radial 262 of SKN DVOR/DME (171250.89N1040812.34E(WGS-84)), when reaching NU the aircraft will be instructed to join aerodrome traffic circuit accordingly.

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VTUI AD 2.24 CHARTS RELATED TO AN AERODROME

	Page
Aerodrome Chart - ICAO	VTUI AD 2-11
Instrument Approach Chart – ICAO – RWY23 – LLZ/DME	VTUI AD 2-13
Instrument Approach Chart – ICAO – RWY23 –ILS/DME	VTUI AD 2-14

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