

VTCN AD 2. AERODROMES**VTCN AD 2.1 AERODROME LOCATION INDICATOR AND NAME****VTCN - NAN / NAN AIRPORT****VTCN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1	ARP coordinates and site at AD	184828.49N 1004700.31E	←
2	Direction and distance from (city)	3 km N, from city	
3	Elevation/Reference temperature	685 ft / 29°C	
4	MAG VAR/Annual change	0°51'W (2010) / 2'W	←
5	AD Administration, address, telephone, telefax, telex, AFS	Director of Nan Airport Nan Airport Nan-Thung Chang Road, Moo 2 Tambon pasing Amphoe Muang, Nan 55000 Thailand. TEL : (054) 771308, 710270 FAX : (054) 771650 AFS : VTCNYDYX	
6	Types of traffic permitted (IFR/VFR)	IFR/VFR	
7	Remarks	Nil	

VTCN AD 2.3 OPERATIONAL HOURS

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

VTCN AD 2.5 PASSENGER FACILITIES

1	Hotels	In the city
2	Restaurants	In the city

VTCN AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Category 5
2	Rescue equipment	Yes
3	Capability for removal of disabled aircraft	-
4	Remarks	Nil

VTCN AD 2.7 SEASONAL AVAILABILITY -CLEARING

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

VTCN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : Concrete Strength : PCN 45/R/C/X/T
2	Taxiway width, surface and strength	Width : 20 m Surface : Asphaltic Concrete Strength : PCN 37/F/C/X/T

VTCN 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	-
2	RWY and TWY marking and LGT	RWY AND TWY : Marked and lighted.

VTCN 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	Coordinates	
a	b	c	a	b	
-	-	-	Radio mast erected at field right side of RWY 20,215 m from centre line, height 24 m and the another, height 153 m , both painted red and white alternatively lighted by red light on top	184430N 1004435 E	

VTCN 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	0130-1130
3	Office responsible for TAF Preparation Periods of validity	Supply TAF from Northern regional Met. Center
4	Type of landing forecast Interval of issuance	Supply TAF from Northern 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
9	ATS units provided with information	-
10	Additional information (Limitation of service, etc.)	IP System

VTCN 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 Of TDZ of precision APP RWY	
1	2	3	4	5	6	
02	20.12°	2000x45	42/F/C/X/T Asphaltic Concrete	184758.24N 1004648.31E (WAS-84)	THR 679 ft TDZ 681 ft	
20	200.12°	2000x45	42/F/C/X/T Asphaltic Concrete	184858.74N 1004712.31E (WGS-84)	THR 682 ft TDZ 685 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	2120x150	-	-
	-	-	150 X 45	2120x150	-	-

VTCN AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
02	2000	2150	2000	2000	-
20	2000	2150	2000	2000	-

VTCN AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THRLG co lour WBAR	VASIS (MEHT) PAPI	TDZ,LGT LEN	RWY Centre Line LGT Length, spacing, co lour, INTST	RWY edge LGT LEN, spacing co lour INTST	RWY End LGT co lour WBAR	SWY LGT LEN (M) co lour	Remarks
1	2	3	4	5	6	7	8	9	10
02	Nil	Nil	PAPI Left 3.4° Right 3.4° (16.12 m)	Nil	Nil	2 000 m 60 m White, LIM	Nil	Nil	Nil
20	Nil	Nil	PAPI Left3°	Nil	Nil	2 000 m 60 m White, LIM	Nil	Nil	Nil

VTCN 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 IBN : Nil
2	LDI location and LGT Anemometer location and LGT.	-
3	TWY edge and centre line lighting	Edge : TWY A, B
4	Secondary power supply/switch-over time	Secondary power supply to all tower, PAPI Switch-over time: 15 SEC
5	Remarks	Flares 2 HR PN

VTCN AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	A circle of 5 NM radius centred on NAN DVOR/DME (184832.76n1004657.31E)
2	Vertical limits	2000 ft/AGL
3	Airspace classification	C
4	ATS unit call sign Language (S)	Nan Tower En, Thai
5	Transition altitude	11000 ft
6	Remarks	Nil

VTCN AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Nan Approach	120.25 MHz	2300-1000	*Emergency Freq.
TWR	Nan Tower	**118.55 MHz *121.5 MHz **236.6 MHz *243.0 MHz		**After this period and holidays 3 HR PN to ATC
ATIS		355 kHz	H24	

VTCN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR CAT of ILS/MLS (For VOR/ILS/MLS, give declination)	ID	Frequency	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
NDB	NN	355 kHz	H24	184826.00N 1004711.91E (WGS-84)		NDB restriction, orbit coverage in mountain terrain and border limited was check and found as follow: -40 NM from bearing 331-045 DEG (CW) altitude should not below 8000 ft (due to border limited). -20 NM from bearing 046-160 DEG (CW) altitude should not below 6500 ft (due to border limited). -50 NM from bearing 161-330 DEG (CW) altitude should not below 7500 ft.
DVOR/DME	NAN	115.7 MHz CH104X		184832.76N 1004657.31E (WGS-84)		DVOR/DME restriction, due to Mountainous terrain surround DVOR/DME station coverage check does not provide adequate signal to 40 NM. At the required altitude in various areas as follow: -RDL 011-110 DEG at 20 NM should not below 8000 ft. -RDL 111-160 DEG at 20 NM should not below 6000 ft. -RDL 161-180 DEG at 40 NM should not below 6000 ft. -RDL 181-330 DEG at 40 NM Should not below 7000 ft. -RDL 311-010 DEG at 40 NM should not below 8000 ft.

VTCN AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR CAT of ILS/ MLS (For VOR/ILS/ MLS, give declination)	ID	Frequency	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME trans- mitting antenna	Remarks
1	2	3	4	5	6	7
ILS CAT I RWY02 LOC/DME	INAN	110.3 MHz CH40X	H24	184903.30N 1004714.13E	687.34ft	LOC designated operation coverage 18 NM, ALT 7 000 ft AMSL
DME				184904.17N 1004711.85E		DME paired with LOC FREQ
GP		335.0 MHz			184808.72N 1004648.08	

VTCN AD 2.24 CHARTS RELATED TO AN AERODROME

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Aerodrome Chart- ICAO	VTCN AD 2-9
Instrument Approach Chart - ICAO - RWY 02 - VOR/DME	VTCN AD 2-10
Instrument Approach Chart - ICAO - RWY 20 - VOR/DME	VTCN AD 2-12
Instrument Approach Chart - ICAO - RWY 02 - ILS/DME	VTCN AD 2-13
Instrument Approach Chart - ICAO - RWY 02 - LLZ/DME	VTCN AD 2-14

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