

VTSB AD 2. AERODROMES

VTSB AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VTSB - SURAT THANI / SURAT THANI AIRPORT

VTSB AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	090810.09N 990820.55E	←
2	Direction and distance from (city)	25 km SE from city	
3	Elevation/Reference temperature	20 ft/28°C	
4	MAG VAR/Annual change	0° 32'W (2010)/ 1'W	←
5	AD Administration, address, telephone, telefax, telex, AFS	Director of Surat Thani Airport Surat Thani Airport Tambon Huatoi, Amphoe Phunphin Surat Thani Province 84130 Thailand. TEL. (077) 441230, 441349 FAX. (077) 441225 AFS: VTSBYDYX	
6	Types of traffic permitted (IFR/VFR)	IFR/VFR	
7	Remarks	Nil	

VTSB AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300-1400
2	Customs and immigration	On request
3	Health and sanitation	On request
4	AIS Briefing Office	2300-1400
5	ATS Reporting Office (ARO)	-
6	MET Briefing Office	-
7	ATS	H24
8	Fuelling	0100-1200
9	Handling	-
10	Security	-
11	De-icing	-
12	Remarks	Nil

VTSB AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	-
2	Fuel/oil types	JET A-1, AVGAS
3	Fuelling facilities/capacity	1 JET A-1 Refueller @ 12,000 L 1 JET A-1 Refueller @ 3,000 L 1 AVGAS DC Motor Dispenser from drum 200 L
4	De-icing facilities	-
5	Hangar space for visiting aircraft	-
6	Repair facilities for visiting aircraft	-
7	Remarks	Nil

VTSB AD 2.5 PASSENGER FACILITIES

1	Hotels	in the city
2	Restaurants	in the city
3	Transportation	Taxi, Limosine
4	Medical facilities	-
5	Bank and Post Office	Bank: Open daily From 11.00 A.M. -13.00 P.M. 18.00 A.M. -19.30 P.M. Post Office: Nil
6	Tourist Office	-
7	Remarks	Nil

VTSB AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Category 7
2	Rescue equipment	Yes
3	Capability for removal of disabled aircraft	-
4	Remarks	Nil

VTSB AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

VTSB AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface : concrete Strength: PCN 65/R/C/X/T
2	Taxiway width, surface and strength	TWY A and B Width : 23 M Surface : Asphaltic Concrete Strength : PCN 65/F/C/X/T TWY C (Parallel TWY), D, E, F, G, H, I and J Width : 23 M Surface : Concrete Strength : PCN 65/R/C/X/T
3	ACL location and elevation	-
4	VOR/INS checkpoints	-
5	Remarks	Nil

VTSB 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 markings and LGT	RWY and TWY: Marked and lighted
3	Stop bars	-
4	Remarks	Nil

VTSB 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 HGT 45 M, painted red/ white LGTD on top.	090900N 991000E	-	-	
	Radio mast HGT 45 M painted red/white LGTD on top.	090823N 990715E			
	Radio mast HGT 121 M painted red/white LGTD on top.	090750N 992130E			

VTSB AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Air-force intelligence Agency : Air Div Wing 7
2	Hours of service/MET Office outside hours	1300-1600
3	Office responsible for TAF Preparation Periods of validity	supply TAF from Southern (Eastcoast) Regional Met. Center
4	Type of landing forecast Interval of issuance	supply TAF from Southern (Eastcoast) 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	-
9	ATS units provided with information	-
10	Additional information (Limitation of service, etc.)	IP system

VTSB 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
04	44.09°	3 000x45	65/F/C/X/T Asphaltic Concrete	090722.19N 0990733.72E (WGS-84)	THR 20 FT TDZ 20 FT
22	224.09°	3 000x45	65/F/C/X/T Asphaltic Concrete	090832.55N 0990842.50E (WGS-84)	THR 18 FT TDZ 18 FT
Slope of RWY-SWY	SWY dimensions (m)	CWY dimension (m)	Strip dimensions (m)	OFZ	Remarks
7	8	9	10	11	12
-	60x45	Nil	3270x300	-	-
-	60x45	Nil	3270x300	-	-

VTSB AD 2.13 APPROACH AND RUNWAY LIGHTING

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
04	3000	3000	3060	3000	-
22	3000	3000	3060	3000	-

VTSB AD 2.14 APPROACH AND RUWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THRLG colour WBAR	VASIS (MEHT) PAPI	TDZ,LGT LEN	RWY Centre Line LGT Length, spacing, colour,	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
04	NIL	Green	PAPI Left 3°	NIL	-	3000 M 60 M White,LIH	RED	-	-
22	CAT I 900 M	Green	PAPI Left 3°	NIL	-	3000 M 60 M White,LIH	RED	-	-

VTSB 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: ALL TWY
4	Secondary power supply/switch-over time	Secondary power supply to all air field lighting (AFL). Switch-over time: 20 SEC
5	Remarks	Flares 2 HR PN

VTSB AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO	-
2	TLOF and/or FATO elevation M/FT	-
3	TLOF and FATO area dimensions, surface, strength, marking	-
4	True and MAG BRG of FATO	-
5	Declared distance available	-
6	APP and FATO lighting	-
7	Remarks	Nil

VTSB AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	A circle of 5 NM radius centred on STN DVOR/DME (090746.24N0990805.09E(WGS-84))
2	Vertical limits	3 000 ft/AGL
3	Airspace classification	D
4	ATS unit call sign Language (s)	Surat Thani Tower En, Thai
5	Transition altitude	11 000 ft
6	Remarks	Nil

VTSB AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Surat Thani Approach	129.6 MHz 305.4 MHz	2330-1430	*Emergency Freq.
TWR	Surat Thani Tower	*121.5 MHz 122.7 MHz 274.5 MHz 243.0*MHz		
GND	Ground Control	121.9 MHz 275.8 MHz	H24	Primary Freq. } Upper Secondary Freq. } Side - band
G/A/G	Surat Thani Radio	6577 kHz 5490 kHz		
ATIS		338 kHz		

VTSB 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 operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks	
1	2	3	4	5	6	7	
NDB	SR	338 kHz	H24	090759.29N 0990843.63E (WGS-84)		DVOR/DME restriction, due to mountainous terrain surround DVOR/DME station coverage orbit 40 NM as follow : RDL 001-070 DEG ALT should not below 1500 FT RDL 071-090 DEG ALT should not below 3500 FT RDL 091-150 DEG ALT should not below 5000 FT RDL 151-190 DEG ALT should not below 1500 FT RDL 191-360 DEG ALT should not below 4000 FT RDL 227 DEG distance approximate 10-13 DME out of tolerance roughness and scalloping.	
DVOR/DME	STN	110.6 MHz CH43X		090746.24N 0990805.09E (WGS-84)			
ILS CAT I LOC RWY22	ISTN	109.5 MHz		090715.04N 990726.77E (WGS-84)			- Designated operational coverage 18 NM $\pm 10^\circ$ and 10 NM $\pm 35^\circ$ of localizer course, no back course and voice feature, the antenna array is located on extended runway centre line at distance 305 m from THR of runway 04.
GP/DME		332.6 MHz CH32X		090821.76N 990837.47E (WGS-84)			- Glide Path 3° - DME co-located with Glide Slope power output 100 watts Uni-directional.
TACAN	SRT	CH79		2300-1100	0907.9N 9908.1E		

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VTSB AD 2.20 LOCAL TRAFFIC REGULATIN

VFR REPORTING POINTS AND LOCAL PROCEDURES

SURAT THANI AIRPORT

1. Reporting points for VFR flight In order to expedite and maintain an orderly flow of air traffic into Surat Thani Airport, the procedures of the inbound traffic of VFR flight, conventional and prop-jet aircraft be set up as follow:
 - a) Aircraft entering to land from north of Surat Thani Airport, shall report over Chai Ya District, designated as CHARLIE point (0923.0N 9912.5E) which is approximately 15 NM on bearing 010 from SR NDB. When reaching CHARLIE the aircraft will be instructed to join aerodrome traffic pattern accordingly.
 - b) Aircraft entering to land from east of Surat Thani Airport, shall report over Surat Thani District, designated as SIERRA point (0908.0N 9920.0E) which is approximately 12 NM on bearing 090 from SR NDB. When reaching SIERRA the aircraft will be instructed to join aerodrome traffic pattern accordingly.
 - c) Aircraft entering to land from south of Surat Thani Airport, shall report over Ban Nasaŋ District, designated as NOVEMBER point (0848.0N 9922.0E) which is approximately 25 NM on bearing 145 from SR NDB. When reaching NOVEMBER the aircraft will be instructed to join aerodrome traffic pattern accordingly.
 - d) Aircraft entering to land from west of Surat Thani Airport, shall report over Khirirat Nihom District, designated as KILO point (0902.0N 9858.0E) which is approximately 14 NM on bearing 240 from SR NDB. When reaching KILO the aircraft will be instructed to join aerodrome traffic pattern accordingly.
2. Aerodrome traffic circuit
Using both sides of traffic circuit.
3. Overhead approach pattern
 - a) Using runway 04 by left turn pattern.
 - b) Using runway 22 by right turn pattern.

VTSB AD 2.23 ADDITIONAL INFORMATION

- Royal Thai Air Force ASR/SSR Air-to-ground facilities operations located at Surat Thani Airport
 - Radio call sign : SURAT
 - APP/ARR freq : 134.75, 342.5, 382.4 and 123.6 MHz
 - DEP freq : 134.1 and 335.5 MHz
 - Cover range / height : ASR 70 NM / 40 000 FT
SSR 200 NM / 100 000 FT
 - Hours of operations : Monday-Friday 0100-0900
 - Emission : ASR 500 KW, SSR 1.5 KW
 - Remarks : Available for Military.

- Windshear Alert System installed and operations at Aerodrome.

- BAK14 RAG installed on both side 400 M from Threshold of Runway 04/22

VTSB AD 2.24 CHARTS RELATED TO AN AERODROME

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Aerodrome Chart - ICAO	VTSB AD 2-13
Instrument Approach Chart – ICAO – RWY22 NDB	VTSB AD 2-15
Instrument Approach Chart – ICAO – RWY04 VOR	VTSB AD 2-17
Instrument Approach Chart – ICAO – RWY22 VOR	VTSB AD 2-19
Instrument Approach Chart – ICAO – RWY22 ILS or LLZ	VTSB AD 2-21

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