

VTSM AD 2. AERODROMES

VTSM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VTSM- SURAT THANI / SAMUI AIRPORT

VTSM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	093257N 1000345E Centre line of RWY, 860 M from THR 35
2	Direction and distance from (city)	17 km, from city
3	Elevation/Reference temperature	19.5 m (64 ft) / 33°C
4	MAG VAR/Annual change	0° 30' W(2011) / 0° 1' W / year
5	AD Administration, address, telephone, telefax, telex, AFS	Director of Samui Airport Samui Airport Amphoe Ko.Samui, Surat Thani Province 84140 Thailand Tel. (077) 428581 FAX. (077) 245611 AFS: VTSMYDYX
6	Types of traffic permitted (IFR/VFR)	IFR/VFR
7	Remarks	Nil

VTSM AD 2.3 OPERATIONAL HOURS

1	AD Administration	2300-1500 After this period 1 HR PN to ATC
2	Customs and immigration	2300-1500
3	Health and sanitation	-
4	AIS Briefing Office	-
5	ATS Reporting Office (ARO)	2300-1500
6	MET Briefing Office	-
7	ATS	2300-1500
8	Fuelling	2300-1500
9	Handling	2300-1500
10	Security	H 24

VTSM AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Nil
2	Fuel/oil types	JET A1
3	Fuelling facilities/capacity	Refueller @ 12,000 L
4	De-icing facilities	-
5	Hangar space for visiting aircraft	-
6	Repair facilities for visiting aircraft	Nil
7	Remarks	Nil

VTSM AD 2.5 PASSENGER FACILITIES

1	Hotels	In the vicinity of AD
2	Restaurants	At AD
3	Transportation	Limousine
4	Medical facilities	First aid at AD
5	Bank and Post Office	Money Exchange: Available Post Office: Open from 0100-1000
6	Tourist Office	Open 0100-1300
7	Remarks	Nil

VTSM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	CAT 6
2	Rescue equipment	Available at fire fighting trucks
3	Capability for removal of disabled aircraft	A-319
4	Remarks	Nil

VTSM AD 2.7 SEASONAL AVAILABILITY-CLEARING

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

VTSM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

→	1	Apron surface and strength	Surface: Concrete Strength: PCN 42/R/D/X/T
→	2	Taxiway width, surface and strength	Width: 30 M Surface: Concrete Strength: PCN 42/R/D/X/T
→	3	VOR/INS checkpoints	-
→	4	Remarks	Aircraft Type C not available for aircraft stand 1, 8

VTSM 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	Taxi guidance signs and guide lines at TWY and Apron
→	2	RWY and TWY markings and LGT	RWY: Marked and lighted
→	3	Stop bars	Marked
→	4	Remarks	When parking, aircraft type C not permitted to be passed at the rear by the same type of aircraft.

VTSM 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 Markings/LGT	Elevation Coordinates	See Aerodrome obstacle chart type A for details
a	b	c	a	b	
RWY 17	Nil	-	Hill 630 m	093324N 1000423E	
RWY 35	Plam trees 35 m (420 m from THR35)				

VTSM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Bangkok Airway Company Ltd. Aeronautical Radio of Thailand Company Ltd.
2	Hours of service MET Office outside hours	0000-1430 Tel. (662) 3994566-75 (H24)
3	Office responsible for TAF Preparation Periods of validity	Southern Regional Met. Center (East coast)
4	Type of landing forecast Interval of issuance	TAF
5	Briefing/consultation provided	At Met office
6	Flight documentation Language (s) used	Thai/English
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	Control Tower
10	Additional information (Limitation of service, etc.)	Volmet Service / Bangkok Radio

VTSM 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	
17	174°	2080x45	PCN 38/F/B/W/T Asphaltic Concrete	093319.40N 1000342.26E	43 ft	
35	354°	2080x45	PCN 38/F/B/W/T Asphaltic Concrete	093227.55N 1000347.31E	56 ft	
Slope of RWY-SWY		SWY dimensions (m)	CWY dimension (m)	Strip dimensions (m)	OFZ	Remarks
7	8		9	10	11	12
0%/0.8% 1300 m / 800 m		-	-	2200x150	-	See below
-0.8% / 0% 800 m / 1300 m (See of Type A chart)		-	-	2200x150	-	See below

Remarks

Infringement of RWY strips

1. Infringed strip by 13 x 100 m. center at leftside and 410 m. from THR 35
2. Infringed strip by 10 x 185 m. center at leftside of THR 17 for more detail and operating limitation see aerodrome obstacle chart – ICAO type A

VTSM AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
17	1800	1800	2080	1880	Nil
35	1800	1880	2080	1800	Nil

VTSM AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	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
17	-	GREEN	PAPI Right3°	-	2100 m,60m White	2100 m,60m White	Red	-	-
35	-	GREEN	PAPI Left3.7°	-	2100 m,60m White	2100m,60m White	Red	-	Due to mountain on the left side of APP direction extended from RWY THR approximate 4 NM at 2.4° height.

VTSM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation.	ABN: at Control Tower FLG/WG. EV 7 Sec 2300-1500
2	LDI location and LGT Anemometer location and LGT.	- At Met station 400 m from THR 17
3	TWY edge and centre line lighting	TWY edge Lighted
4	Secondary power supply/switch-over time	12 sec
5	Remarks	Nil

VTSM AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	A circle of 5 NM radius centred on SAMUI NDB (093314.10N1000335.65E)
2	Vertical limits	2 000 ft/AGL
3	Airspace classification	D
4	ATS unit call sign Language (S)	Samui Tower En, Thai
5	Transition altitude	7 000 ft
6	Remarks	Nil

VTSM AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
App	Samui Approach	129.6MHz	2300-1500	If unable to contact Samui Approach, contact Samui TWR on 118.9 MHz
TWR	Samui Tower	118.9 MHz		
ATIS	Samui Airport Information	128.6MHz		

VTSM 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	Site of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR/DME	SMU	117.6MHz CH123X	H24	093249.47N 1000342.27E	24 m	Due to mountainous terrain surround DVOR/DME station, coverage check does not provide adequate signal to 40 NM, at required altitudes is various areas. -Radial 001-060 beyond 25 NM, should not below 4 000 ft -Radial 061-160 beyond 40 NM, should not below 3 000 ft -Radial 161-180 beyond 40 NM, should not below 5 500 ft -Radial 181-250 beyond 40 NM, should not below 10 000 ft -Radial 251-280 beyond 24 Nm, should not below 4 000 ft -Radial 281-360 beyond 40 NM, should not below 4 000 ft

VTSM AD 2.20 LOCAL TRAFFIC REGULATIONS

Nil

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VTSM AD 2.24 CHARTS RELATED TO AN AERODROME

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Aerodrome Chart - ICAO	VTSM AD 2-11
Aerodrome Ground Movement Chart - ICAO	VTSM AD 2-13
Aerodrome Obstacle Chart - ICAO - Type A (for each runway)	VTSM AD 2-15
Instrument Approach Chart - ICAO VOR RWY 17 CAT A, B	VTSM AD 2-17
Instrument Approach Chart - ICAO VOR A RWY 17 CAT A, B	VTSM AD 2-19
Instrument Approach Chart - ICAO VOR RWY 35 CAT A, B	VTSM AD 2-21
Instrument Approach Chart - ICAO RNAV (GNSS) RWY 17 CAT A, B	VTSM AD 2-23
Instrument Approach Chart - ICAO RNAV (GNSS) RWY 35 CAT A, B	VTSM AD 2-27

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