VTSF AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VTSF - NAKHON SI THAMMARAT / NAKHON SI THAMMARAT AIRPORT

VTSF AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	083222.62N 0995641.01E Centre of RWY 1060 M. from THR RWY19
2	Direction and distance from (city)	10 KM N, from city
3	Elevation/Reference temperature	4M (13 FT) /33°C
4	Geoid Undulation at AD ELEV PSN	NIL
5	MAG VAR/Annual change	0.39°W (2016)/0.01°E
6	AD Administration, address, telephone, telefax, telex, AFS	Director of Nakhon Si Thammarat Airport Nakhon Si Thammarat Airport Amphoe Muang Nakhon Si Thammarat 80000 Thailand Tel: +667 536 9540 +667 536 9541 +667 536 9543 Fax: +667 536 9542 AFS: VTSFYDYX
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Operator: Department of Airports

VTSF AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	2300-1500
2	Customs and immigration	O/R
3	Health and sanitation	NIL
4	AIS Briefing Office	NIL
5	ATS Reporting Office (ARO)	2300-1500
6	MET Briefing Office	NIL
7	ATS	2300-1500
8	Fuelling	0100-1000
9	Handling	NIL
10	Security	NIL
11	De-icing	NIL
12	Remarks	ATS Reporting Office (ARO): Located at Surat Thani Air Traffic Control Centre (1st floor of tower building) Tel: +667 744 1008 +669 1010 1837 Fax: +667 744 1009

VTSF AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel/oil types	NIL
3	Fuelling facilities/capacity	NIL
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VTSF AD 2.5 PASSENGER FACILITIES

1	Hotels	In the city
2	Restaurants	In the city
3	Transportation	Taxi, Limousine
4	Medical facilities	NIL
5	Bank and Post Office	In the city
6	Tourist Office	In the city
7	Remarks	NIL

VTSF 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	NIL
4	Remarks	NIL

VTSF AD 2.7 SEASONAL AVAILABILITY - CLEARING

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

VTSF AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and strength	APRON A Surface: Concrete and Asphalt Strength: PCN 42/F/C/X/T APRON B Surface: Concrete Strength: PCN 45/R/C/X/T
2	Taxiway width, surface and strength	Width: TWY A, B and D = 23 M, TWY C = 10.5 M Surface: Concrete and asphalt Strength: TWY A, B and D : PCN 42/F/C/X/T TWY C: 5.3 T
3	Altimeter checkpoint location and elevation	NIL
4	VOR checkpoints	NIL
5	INS checkpoints	NIL

6	Remarks	NIL

VTSF 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	NIL
2	RWY and TWY markings and LGT	RWY and TWY: Marked and lighted
3	Stop bars	NIL
4	Remarks	NIL

VTSF 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 60 M MARKED RED LGT ON TOP	083452N 0995658E	NIL	NIL	NIL

VTSF AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Aeronautical Meteorological Station-Nakhon Si Thammarat, Southern East-Coast Meteorological Center, Thai Meteorological Department (TMD)
2	Hours of service MET Office outside hours	2200-1500 NIL
3	Office responsible for TAF preparation Periods of validity	Supply TAF from Southern East-Coast Meteorological Center 24 HR
4	Type of landing forecast Interval of issuance	TREND 1 HR
5	Briefing/consultation provided	Personal Consultation Tel: +667 546 6646, +668 6498 0632
6	Flight documentation Language(s) used	NIL
7	Charts and other information available for briefing or consultation	S, U85, Daily Weather Forecast, satellite and radar images
8	Supplementary equipment available for providing information	Automated Weather Observation System (AWOS)
9	ATS units provided with information	Nakhon Si Thammarat TWR
10	Additional information (limitation of service, etc.)	NIL

VTSF AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY(M)	Strength (PCN) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
01	006.49°	2100x45	PCN 42/F/C/X/T Concrete and asphalt	083148.51N 0995637.41E	THR 13 FT TDZ 13 FT
19	186.49°	2100x45	PCN 42/F/C/X/T Concrete and asphalt	083256.73N 0995644.61E	THR 13 FT TDZ 13 FT

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
0%	60x60	NIL	2340x300	NIL	NIL
0%	60x60	NIL	2340x300	NIL	NIL

VTSF AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
01	2100	2100	2160	2100	NIL
19	2100	2100	2160	2100	NIL

VTSF AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT 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
01	SALS 420M LIH	Green	PAPI Left 3°	NIL	NIL	2100 M 60 M White, LIM	Red	NIL	NIL
19	SALS 420M	Green	PAPI Left 3° (47.32 FT)	NIL	NIL	2100 M 60 M White, LIM	Red	NIL	NIL

VTSF AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: At tower building FLG WG EV 7 SEC
2	LDI location and LGT Anemometer location and LGT	LDI(1) : wind cone at 300 M from THR 01 off set Left side 102.5 M, illuminated LDI(2) : wind cone at 300 M from THR 19 off set Left side 102.5 M, illuminated
3	TWY edge and centre line lighting	EDGE: All taxiways
4	Secondary power supply/switch-over time	Secondary power supply to all lighting at the air field lighting (AFL). Switch over time : 15 SEC
5	Remarks	NIL

VTSF AD 2.16 HELICOPTER LANDING AREA

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

VTSF AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	A circle of 5 NM radius centred on Nakhon Si Thammarat DVOR/DME (083229.95N 0995648.67E)
2	Vertical limits	2000 FT/AGL
3	Airspace classification	C
4	ATS unit call sign Language(s)	Nakhon Si Thammarat Tower English, Thai
5	Transition altitude	11000 FT
6	Remarks	NIL

VTSF AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Nakhon Si Thammarat Approach	119.75 MHZ 121.5 MHZ[1)]	As AD OPR HR	[1)]Emergency frequency
TWR	Nakhon Si Thammarat Tower	122.55 MHZ 236.6 MHZ 121.5 MHZ[1)] 243.0 MHZ[1)]	As AD OPR HR	
GND	Nakhon Si Thammarat Ground	121.9 MHZ	As AD OPR HR	
ATIS	Nakhon Si Thammarat Airport	123.4 MHZ	As AD OPR HR	

VTSF 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	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR/DME	NKS	117.4 MHZ CH121X	H24	083229.95N 0995648.67E		Due to mountainous terrain surround DVOR/DME station coverage check does not provide adequate signal to 40 NM, at required altitudes is various areas: RDL 001-190 beyond 40 NM should not below 2500 FT. RDL 191-240 beyond 40 NM should not below 7000 FT. RDL 241-280 beyond 25 NM should not below 8000 FT. RDL 281-320 beyond 40 NM should not below 7000 FT. RDL 321-360 beyond 40 NM should not below 5000 FT.
LOC RWY19 ILS CAT I	INKS	109.7 MHZ	H24	083138.445N 0995636.378E		a) Localizer - Designated operational coverage 18 NM ±10º and 10 NM ±35º of localizer course, no back course and voice feature.
GP		333.2 MHZ	H24	083245.315N 0995647.386E		b) Glide path 3° - RWY19 ILS Glide Path not coincident with PAPI starting at 1 DME or 400 FT (MSL)
DME		CH34X (333.2 MHZ)	H24	083245.315N 0995647.386E		DME - Paired with Glide Path. - Power output 100 watts. - Omni-directional antenna.

VTSF AD 2.20 LOCAL AERODROME REGULATIONS

1. 180 DEGREES TURN ON THE RUNWAY

To prevent runway pavement damage which may result in the closure of the aerodrome if such damage is severe, aircraft code letter C or higher shall make 180 degrees turn at the runway turn pads located at the end of runway 01 and 19 only. Any breach done by the aircraft operator shall be recorded and reported to The Civil Aviation Authority of Thailand (CAAT)/ The Headquarter of that operator shall be liable for the compensation caused by such violation.

VTSF AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VTSF AD 2.22 FLIGHT PROCEDURES

1. SPEED CONTROL PROCEDURE IN NAKHON SI THAMMARAT TMA

a) All arriving turbo-propeller and turbo-jet aircraft when flying below 10000 FT AMSL are subject to fly not faster than indicated air speed 250 knots unless authorized by ATC.
b) Speed will be reduced to 220 knots during 20-25 track miles from touchdown.
c) 180 knots at Intermediate fix (Including aircraft from RNAV STAR), or shortly before closing heading to intercept or to establish the final course,
d) 150 to 160 knots at FAP or FAF; all speed to be flown as accurately as possible. At the other times, speed control may be applied on a tactical basis to extent determined by ATC.
e) Pilots who unable to comply with the speed limits specifics above for reasons of flight safety and/or weather conditions should inform ATC and state the speed acceptable.
f) ATC will notify that the aircraft may keep its preferred speed without restriction and will use the phrase “NO SPEED RESTRICTIONS”. An instruction to notify that the aircraft need no longer comply with the previous issued speed restriction, the phrase “RESUME NORMAL SPEED” will be used.
g) All aircraft navigating under conditions of RNAV STARs shall conform to speed limitation as published then at IF pilot shall comply with speed control procedures unless otherwise instructed by ATC.
h) If the pilots do not comply, the flight shall follow ATC instruction for re-sequencing.

NOTE - an instruction to “RESUME NORMAL SPEED” does not cancel speed restrictions that applicable to published procedure of upcoming segments of flight, aircraft shall comply speed restrictions specified in a) b) c) and d)

2. IFR DEPARTURES OTHER THAN VIA SID

IFR departure procedures described below are determined for the purpose of case when an instrument departure via SID is impossible or undesirable.

3. VISUAL DEPARTURES

Visual departures during take-off and initial climb-out are permitted during the daytime and Visual Meteorological Conditions (VMC). ATC clearance to execute a visual departure may be issued upon request of the pilot or upon initiative of the ATC and accepted by the pilot.

To execute a visual departure

- meteorological conditions in the direction of take-off and the following climb-out shall enable visual reference to terrain up to Minimum Sector Altitude (MSA) or Minimum Flight Altitude (MFA) stated in ATC clearance,
- the pilot shall be responsible for obstacle clearance until such specified altitude,
- the pilot prior to take-off shall agree to execute this procedure,
- the ATC clearance shall be readback,

4. OMNIDIRECTIONAL DEPARTURES

Omnidirectional departures during take-off and initial climb-out are permitted during the day and night. ATC clearance to execute an omnidirectional departure may be issued upon request of the pilot or upon initiative of the ATC and accepted by the pilot.

To execute an omnidirectional departure:

- the pilot shall be maintaining a minimum climb gradient up to specific altitude as published shown as below,
- the pilot shall be responsible for adherence to such obtained ATC clearance,
- the pilot prior to take-off shall agree to execute this procedure,
- The ATC clearance shall be readback,

- Runway 01:

NAKHON SI THAMMARAT OMNI 01 Departure: Required climb gradient 365 ft per NM (6.0%) until 7,500 ft.

Ground speed	Knot	65	75	100	150	200	250	300
Rate of climb 6.0%	(ft/min)	395	456	608	912	1216	1519	1823

No turn before DER.
After departure climb straight ahead until 3,000 ft (or altitude assigned by ATC between 3,000 ft – 6,500 ft), then comply with ATC clearance issued (or as directed by ATC).

- Runway 19:

NAKHON SI THAMMARAT OMNI 19 Departure: Required climb gradient 395 ft per NM (6.5%) until 7,500 ft.

Ground speed	Knot	65	75	100	150	200	250	300
Rate of climb 6.5%	(ft/min)	428	494	658	987	1316	1646	1975

No turn before DER.
After departure climb straight ahead until 4,000 ft (or altitude assigned by ATC between 4,000 ft – 6,500 ft), then comply with ATC clearance issued (or as directed by ATC).

VTSF AD 2.23 ADDITIONAL INFORMATION

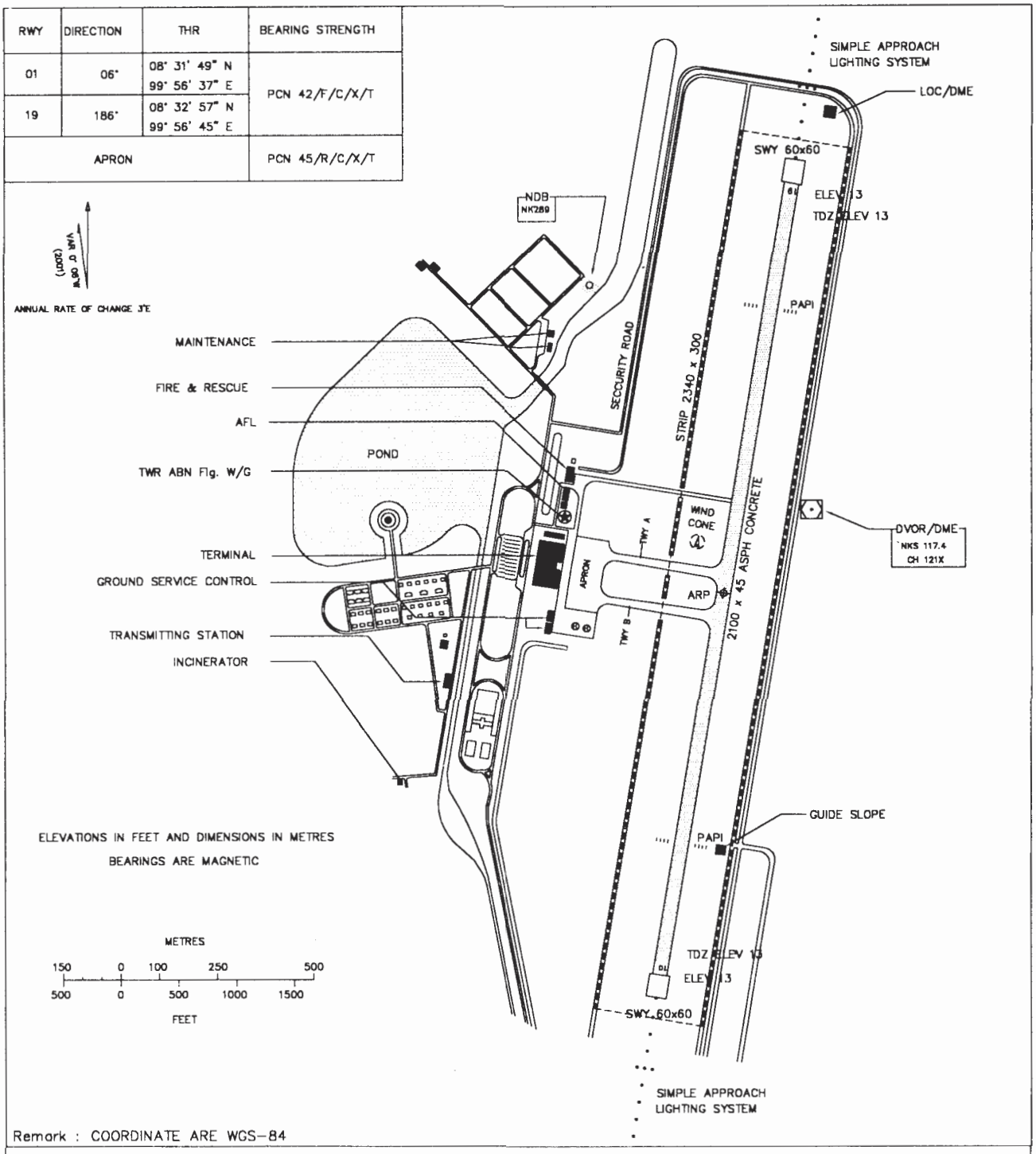
1. BIRD CONCENTRATIONS

- Bird concentrations in the vicinity of an aerodrome.

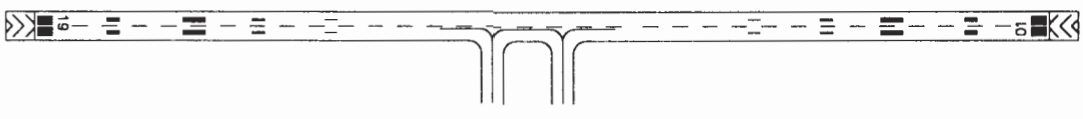
VTSF AD 2.24 CHARTS RELATED TO AN AERODROME

AERODROME CHART-ICAO 08° 32' 23" N 99° 56' 41" E ELEV 13 ft 4 m TWR 122.55 236.6 NAKHON SI THAMMARAT/Nakhon Si Thammarat

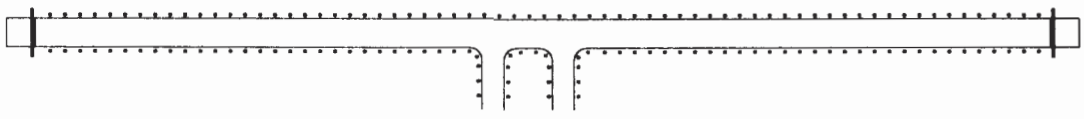
RWY	DIRECTION	THR	BEARING STRENGTH
01	06°	08° 31' 49" N 99° 56' 37" E	PCN 42/F/C/X/T
19	186°	08° 32' 57" N 99° 56' 45" E	
APRON			PCN 45/R/C/X/T



MARKING AIDS RWY 01/19 AND EXIT TWY



LIGHTING AIDS RWY 01/19 AND EXIT TWY



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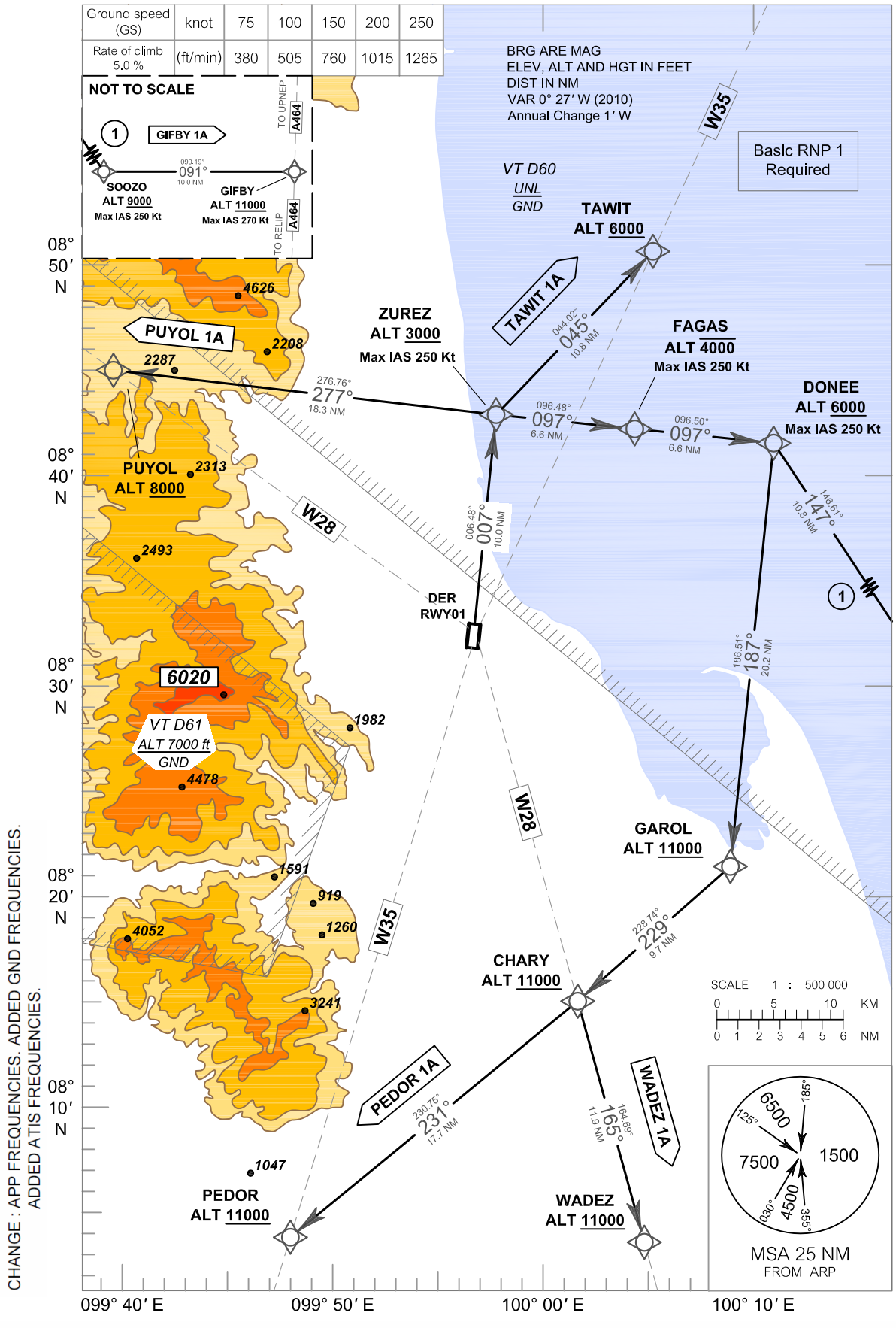
STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

APP : 119.75
TWR : 122.55, 236.6
GND : 121.9
ATIS : 123.4

NAKHON SI THAMMARAT / Nakhon Si Thammarat (VTSF)
SID RNAV RWY 01
GIFBY 1A TAWIT 1A PEDOR 1A PUYOL 1A WADEZ 1A



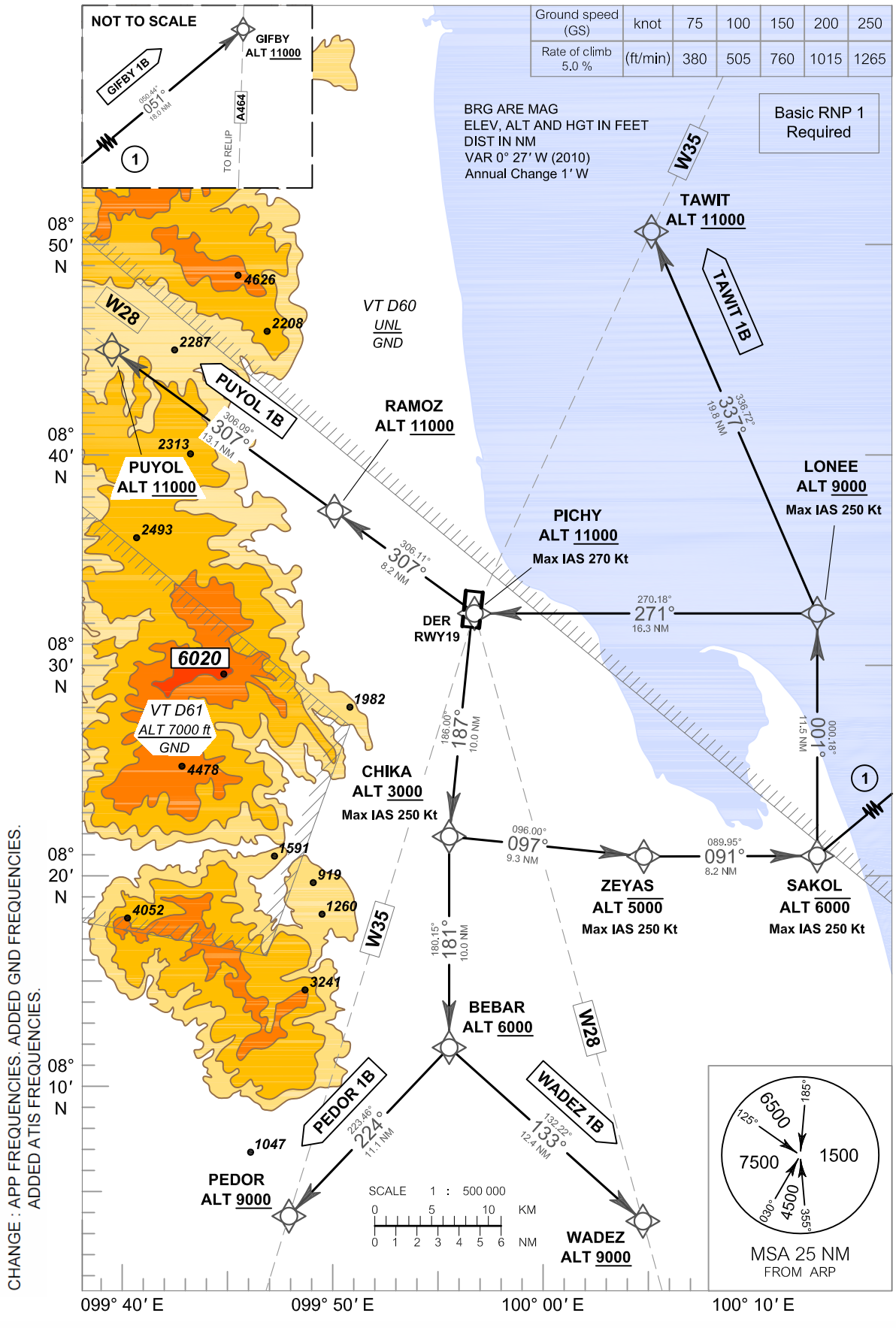
NAKHON SI THAMMARAT /
Nakhon Si Thammarat (VTSF)
SID RNAV RWY 01

Fix identifier	WGS-84 Coordinates		Path	Flyover	Course	Turn	Altitude	Speed	Magnetic	Navigation
(Waypoint name)	Latitude	Longtitude	descriptor		° M (° T)	direction		limit	variation	performance
DER RWY01	083256.70 N	0995644.63 E	CF	-	007°(006.48°)	-	-	-	0.5	RNP1
ZUREZ	084256.38 N	0995747.97 E	TF	-	007°(006.48°)	L,R	+3000	250	0.5	RNP1
TAWIT	085042.75 N	1000521.15 E	TF	-	045°(044.02°)	R	+6000	-	0.5	RNP1
PUYOL	084505.88 N	0993926.35 E	TF	-	277°(276.76°)	R	+8000	-	0.5	RNP1
FAGAS	084214.54 N	1000427.26 E	TF	-	097°(096.48°)	-	-4000	250	0.5	RNP1
DONEE	084132.52 N	1001107.17 E	TF	-	097°(096.50°)	R	+6000	250	0.5	RNP1
SOOZO	083226.42 N	1001708.69 E	TF	-	147°(146.61°)	L	+9000	250	0.5	RNP1
GIFBY	083224.27 N	1002714.36 E	TF	-	091°(090.19°)	L	+11000	270	0.5	RNP1
GAROL	082120.78 N	1000858.58 E	TF	-	187°(186.51°)	R	+11000	-	0.5	RNP1
CHARY	081456.10 N	1000138.50 E	TF	-	229°(228.74°)	L,R	+11000	-	0.5	RNP1
PEDOR	080342.01 N	0994750.96 E	TF	-	231°(230.75°)	L	+11000	-	0.5	RNP1
WADEZ	080325.22 N	1000448.33 E	TF	-	165°(164.69°)	-	+11000	-	0.5	RNP1

STANDARD DEPARTURE CHART - INSTRUMENT (SID) - ICAO

APP : 119.75
TWR : 122.55, 236.6
GND : 121.9
ATIS : 123.4

NAKHON SI THAMMARAT / Nakhon Si Thammarat (VTSF)
SID RNAV RWY 19
GIFBY 1B TAWIT 1B PEDOR 1B PUYOL 1B WADEZ 1B



NAKHON SI THAMMARAT /
Nakhon Si Thammarat (VTSF)
SID RNAV RWY 19

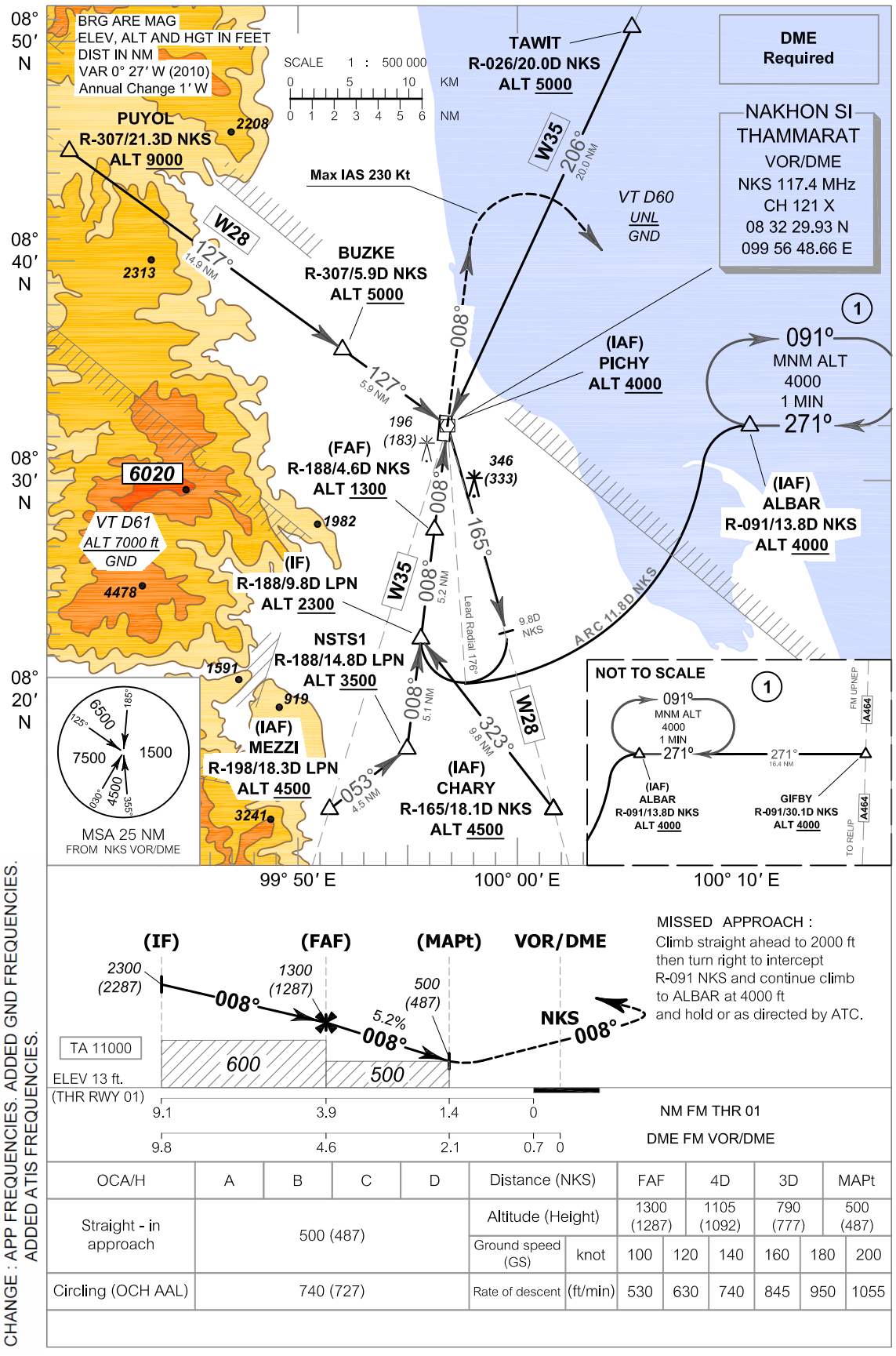
Fix identifier	WGS-84 Coordinates		Path	Flyover	Course	Turn	Altitude	Speed	Magnetic	Navigation
(Waypoint name)	Latitude	Longtitude	descriptor		° M (° T)	direction		limit	variation	performance
DER RWY19	083148.48 N	0995637.43 E	CF	-	187°(186.00°)	-	-	-	0.5	RNP1
CHIKA	082150.77 N	0995534.39 E	TF	-	187°(186.00°)	L,R	+3000	250	0.5	RNP1
BEBAR	081147.77 N	0995532.78 E	TF	-	181°(180.15°)	L	+6000	-	0.5	RNP1
PEDOR	080342.01 N	0994750.96 E	TF	-	224°(223.46°)	L	+9000	-	0.5	RNP1
WADEZ	080325.22 N	1000448.33 E	TF	-	133°(132.22°)	R	+9000	-	0.5	RNP1
ZEYAS	082052.17 N	1000453.96 E	TF	-	097°(096.00°)	L	-5000	250	0.5	RNP1
SAKOL	082052.48 N	1001312.92 E	TF	-	091°(089.95°)	L	-6000	250	0.5	RNP1
GIFBY	083224.27 N	1002714.36 E	TF	-	051°(050.44°)	L	+11000	-	0.5	RNP1
LONEE	083227.17 N	1001315.10 E	TF	-	001°(000.18°)	L	+9000	250	0.5	RNP1
PICHY	083229.93 N	0995648.66 E	TF	-	271°(270.18°)	R	+11000	270	0.5	RNP1
RAMOZ	083722.03 N	0995006.16 E	TF	-	307°(306.11°)	-	+11000	-	0.5	RNP1
PUYOL	084505.88 N	0993926.35 E	TF	-	307°(306.09°)	-	+11000	-	0.5	RNP1
TAWIT	085042.75 N	1000521.15 E	TF	-	337°(336.72°)	R	+11000	-	0.5	RNP1

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV. 13 ft
HEIGHTS RELATED TO AERODROME ELEV.

APP : 119.75
TWR : 122.55, 236.6
GND : 121.9
ATIS : 123.4

NAKHON SI THAMMARAT / Nakhon Si Thammarat (VTSF)
VOR RWY 01



CHANGE : APP FREQUENCIES. ADDED GND FREQUENCIES.
ADDED ATIS FREQUENCIES.

OCA/H	A	B	C	D	Distance (NKS)		FAF	4D	3D	MAPt
Straight - in approach	500 (487)				Altitude (Height)		1300 (1287)	1105 (1092)	790 (777)	500 (487)
					Ground speed (GS)	knot	100	120	140	160	180	200
Circling (OCH AAL)	740 (727)				Rate of descent	(ft/min)	530	630	740	845	950	1055

NAKHON SI THAMMARAT /
Nakhon Si Thammarat (VTSF)
VOR RWY 01

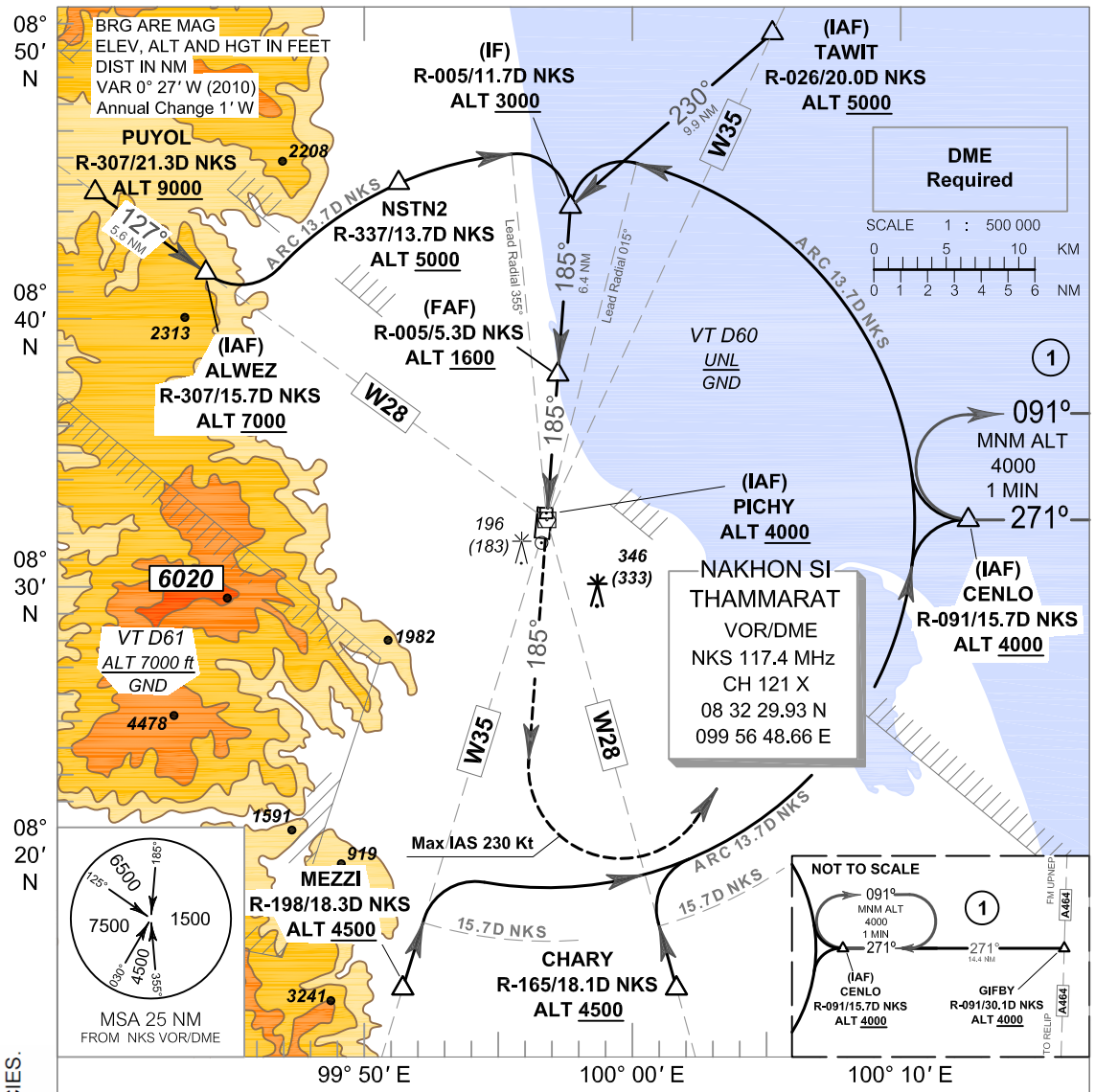
TAWIT	20.0D, R-026 NKS	08 50 42.75 N* 08 50.71 N*	100 05 21.15 E* 100 05.35 E*
PUYOL	21.3D, R-307 NKS	08 45 05.88 N* 08 45.10 N*	099 39 26.35 E* 099 39.44 E*
BUZKE	5.9D, R-307 NKS	08 35 59.67 N* 08 35.99 N*	099 51 59.33 E* 099 51.99 E*
GIFBY	30.1D, R-091 NKS	08 32 24.27 N* 08 32.40 N*	100 27 14.36 E* 100 27.24 E*
(IAF) PICHY	NKS	08 32 29.93 N* 08 32.50 N*	099 56 48.66 E* 099 56.81 E*
(IAF) ALBAR	13.8D, R-091 NKS	08 32 27.64 N* 08 32.46 N*	100 10 43.05 E* 100 10.72 E*
(IAF) MEZZI	18.3D, R-198 NKS	08 14 57.53 N* 08 14.96 N*	099 51 20.98 E* 099 51.35 E*
(IAF) CHARY	18.1D, R-165 NKS	08 14 56.10 N* 08 14.94 N*	100 01 38.50 E* 100 01.64 E*
NSTS1	14.8D, R-188 NKS	08 17 42.87 N* 08 17.71 N*	099 54 55.30 E* 099 54.92 E*
(IF)	9.8D, R-188 NKS	08 22 45.23 N* 08 22.75 N*	099 55 33.91 E* 099 55.57 E*
(FAF)	4.6D, R-188 NKS	08 27 56.28 N* 08 27.94 N*	099 56 13.67 E* 099 56.23 E*
(MAPt)	2.1D, R-188 NKS	08 30 24.11 N* 08 30.40 N*	099 56 32.57 E* 099 56.54 E*

INSTRUMENT APPROACH CHART - ICAO

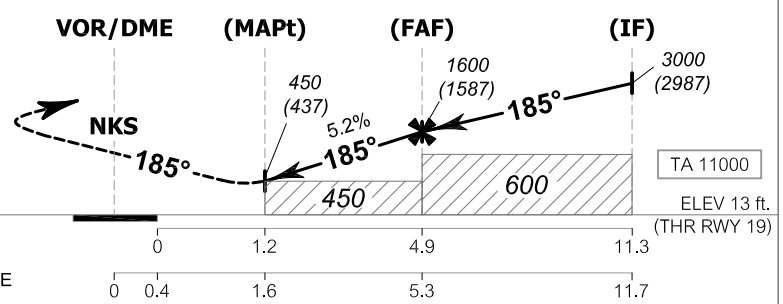
AERODROME ELEV. 13 ft
HEIGHTS RELATED TO AERODROME ELEV.

APP : 119.75
TWR : 122.55, 236.6
GND : 121.9
ATIS : 123.4

NAKHON SI THAMMARAT / Nakhon Si Thammarat (VTSF)
VOR y RWY 19



MISSED APPROACH :
Climb straight ahead to 2000 ft
then turn left to intercept
R-091 NKS
and continue climb
to CENLO at 4000 ft
and hold or as directed by ATC.



OCA/H	A	B	C	D	Distance (NKS)		MAPt	2D	3D	4D	5D	FAF
Straight - in approach	450 (437)				Altitude (Height)		450 (437)	570 (557)	885 (872)	1200 (1187)	1515 (1502)	1600 (1587)
					Ground speed (GS)	knot	100	120	140	160	180	200
Circling (OCH AAL)	740 (727)				Rate of descent	(ft/min)	530	630	740	845	950	1055

CHANGE : APP FREQUENCIES. ADDED GND FREQUENCIES.
ADDED ATIS FREQUENCIES.

NAKHON SI THAMMARAT /
Nakhon Si Thammarat (VTSF)
VOR y RWY 19

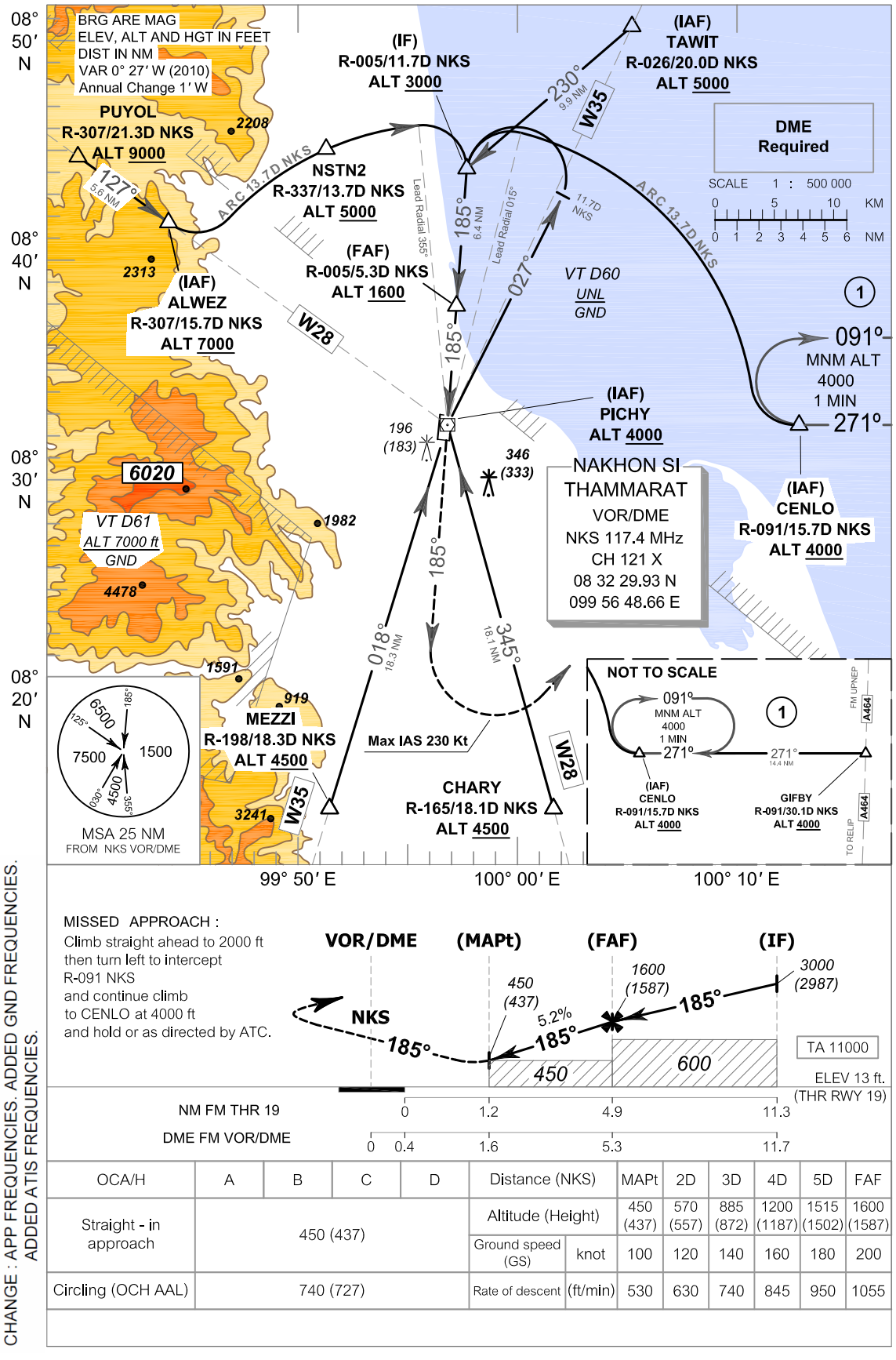
PUYOL	21.3D, R-307 NKS	08 45 05.88 N* 08 45.10 N*	099 39 26.35 E* 099 39.44 E*
MEZZI	18.3D, R-198 NKS	08 14 57.53 N* 08 14.96 N*	099 51 20.98 E* 099 51.35 E*
CHARY	18.1D, R-165 NKS	08 14 56.10 N* 08 14.94 N*	100 01 38.50 E* 100 01.64 E*
GIFBY	30.1D, R-091 NKS	08 32 24.27 N* 08 32.40 N*	100 27 14.36 E* 100 27.24 E*
(IAF) ALWEZ	15.7D, R-307 NKS	08 41 47.77 N* 08 41.80 N*	099 43 59.73 E* 099 43.99 E*
(IAF) TAWIT	20.0D, R-026 NKS	08 50 42.75 N* 08 50.71 N*	100 05 21.15 E* 100 05.35 E*
(IAF) CENLO	15.7D, R-091 NKS	08 32 27.27 N* 08 32.45 N*	100 12 39.92 E* 100 12.67 E*
(IAF) PICHY	NKS	08 32 29.93 N* 08 32.50 N*	099 56 48.66 E* 099 56.81 E*
NSTN2	13.7D R-337 NKS	08 45 07.47 N* 08 45.12 N*	099 51 16.85 E* 099 51.28 E*
(IF)	11.7D R-005 NKS	08 44 13.57 N* 08 44.23 N*	099 57 43.68 E* 099 57.73 E*
(FAF)	5.3D, R-005 NKS	08 37 50.74 N* 08 37.85 N*	099 57 13.73 E* 099 57.23 E*
(MAPt)	1.6D, R-005 NKS	08 34 08.41 N* 08 34.14 N*	099 56 56.35 E* 099 56.94 E*

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV. 13 ft
HEIGHTS RELATED TO AERODROME ELEV.

APP : 119.75
TWR : 122.55, 236.6
GND : 121.9
ATIS : 123.4

NAKHON SI THAMMARAT / Nakhon Si Thammarat (VTSF)
VOR z RWY 19



MISSED APPROACH :
Climb straight ahead to 2000 ft
then turn left to intercept
R-091 NKS
and continue climb
to CENLO at 4000 ft
and hold or as directed by ATC.

OCA/H	A	B	C	D	Distance (NKS)		MAPt	2D	3D	4D	5D	FAF
Straight - in approach	450 (437)				Altitude (Height)		450 (437)	570 (557)	885 (872)	1200 (1187)	1515 (1502)	1600 (1587)
					Ground speed (GS)	knot	100	120	140	160	180	200
Circling (OCH AAL)	740 (727)				Rate of descent	(ft/min)	530	630	740	845	950	1055

CHANGE : APP FREQUENCIES. ADDED GND FREQUENCIES.
ADDED ATIS FREQUENCIES.

NAKHON SI THAMMARAT /
Nakhon Si Thammarat (VTSF)
VOR z RWY 19

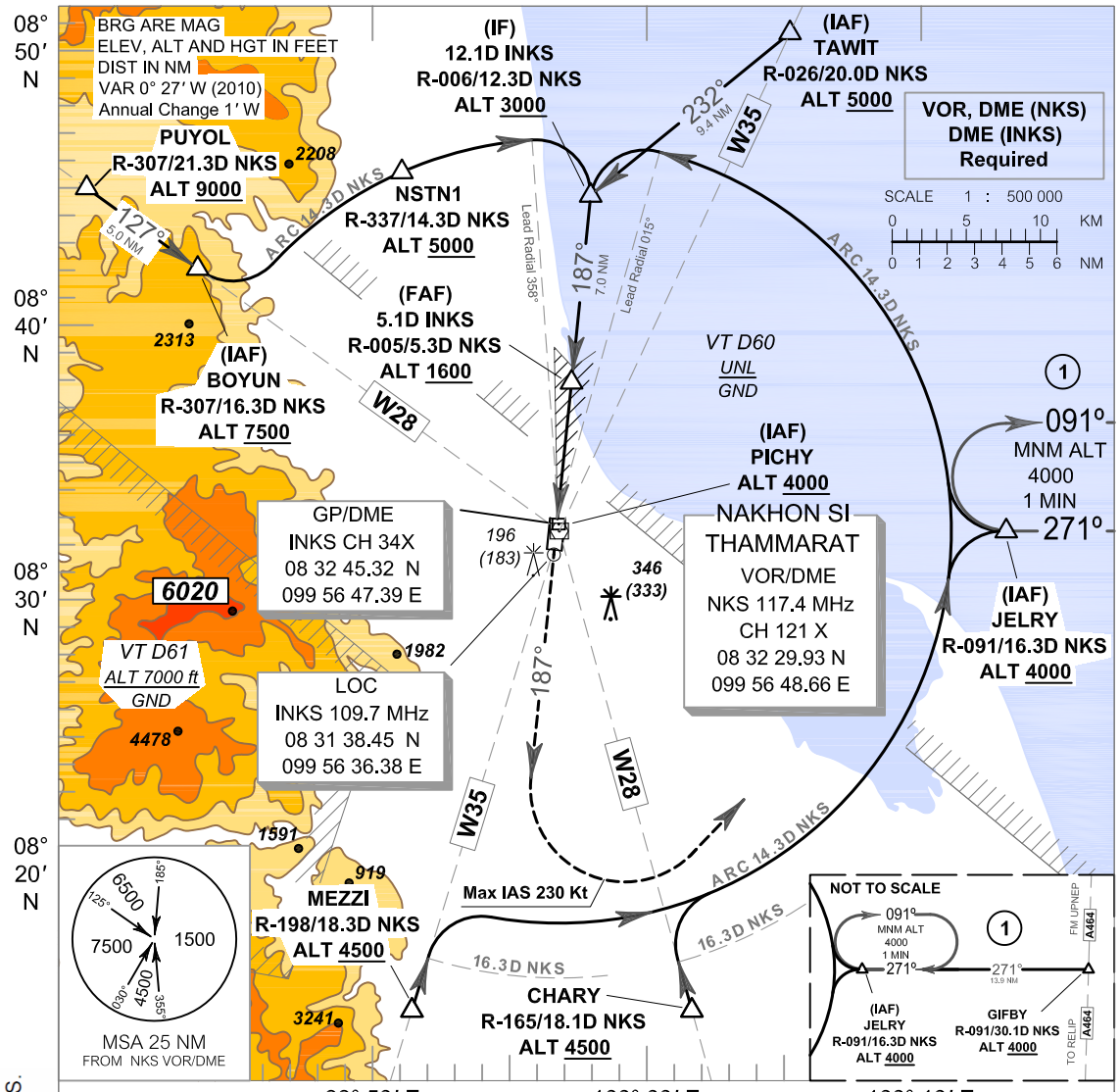
PUYOL	21.3D, R-307 NKS	08 45 05.88 N* 08 45.10 N*	099 39 26.35 E* 099 39.44 E*
MEZZI	18.3D, R-198 NKS	08 14 57.53 N* 08 14.96 N*	099 51 20.98 E* 099 51.35 E*
CHARY	18.1D, R-165 NKS	08 14 56.10 N* 08 14.94 N*	100 01 38.50 E* 100 01.64 E*
GIFBY	30.1D, R-091 NKS	08 32 24.27 N* 08 32.40 N*	100 27 14.36 E* 100 27.24 E*
(IAF) ALWEZ	15.7D, R-307 NKS	08 41 47.77 N* 08 41.80 N*	099 43 59.73 E* 099 43.99 E*
(IAF) TAWIT	20.0D, R-026 NKS	08 50 42.75 N* 08 50.71 N*	100 05 21.15 E* 100 05.35 E*
(IAF) CENLO	15.7D, R-091 NKS	08 32 27.27 N* 08 32.45 N*	100 12 39.92 E* 100 12.67 E*
(IAF) PICHY	NKS	08 32 29.93 N* 08 32.50 N*	099 56 48.66 E* 099 56.81 E*
NSTN2	13.7D, R-337 NKS	08 45 07.47 N* 08 45.12 N*	099 51 16.85 E* 099 51.28 E*
(IF)	11.7D, R-005 NKS	08 44 13.57 N* 08 44.23 N*	099 57 43.68 E* 099 57.73 E*
(FAF)	5.3D, R-005 NKS	08 37 50.74 N* 08 37.85 N*	099 57 13.73 E* 099 57.23 E*
(MAPt)	1.6D, R-005 NKS	08 34 08.41 N* 08 34.14 N*	099 56 56.35 E* 099 56.94 E*

INSTRUMENT APPROACH CHART - ICAO

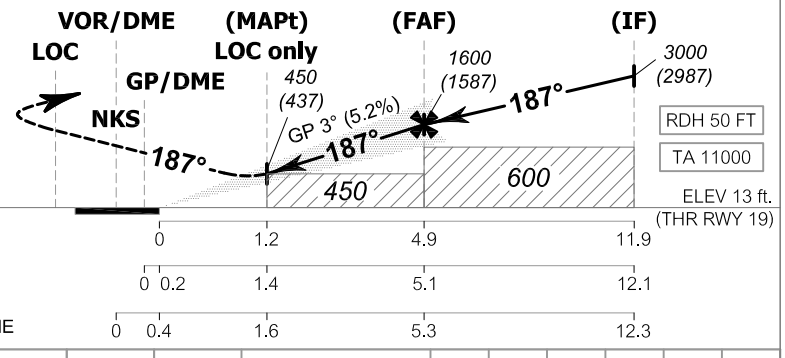
AERODROME ELEV. 13 ft
HEIGHTS RELATED TO
THR RWY 19 ELEV. 13 ft

APP : 119.75
TWR : 122.55, 236.6
GND : 121.9
ATIS : 123.4

NAKHON SI THAMMARAT / Nakhon Si Thammarat (VTSF)
ILS or LOC y RWY 19



MISSED APPROACH :
Climb straight ahead to 2000 ft
then turn left to intercept
R-091 NKS
and continue climb
to JELRY at 4000 ft
and hold or as directed by ATC.



OCA/H	A	B	C	D	Distance (INKS)		MAPt	2D	3D	4D	5D	FAF
Straight - in approach CAT I	220 (207)				Altitude (Height)		450 (437)	630 (617)	950 (937)	1265 (1252)	1580 (1567)	1600 (1587)
					Ground speed (GS)	knot	100	120	140	160	180	200
LOC Only	450 (437)				Rate of descent	(ft/min)	530	630	740	845	950	1055
Circling (OCH AAL)	740 (727)											

CHANGE : APP FREQUENCIES. ADDED GND FREQUENCIES.
ADDED ATIS FREQUENCIES.

NAKHON SI THAMMARAT /
Nakhon Si Thammarat (VTSF)
ILS or LOC y RWY 19

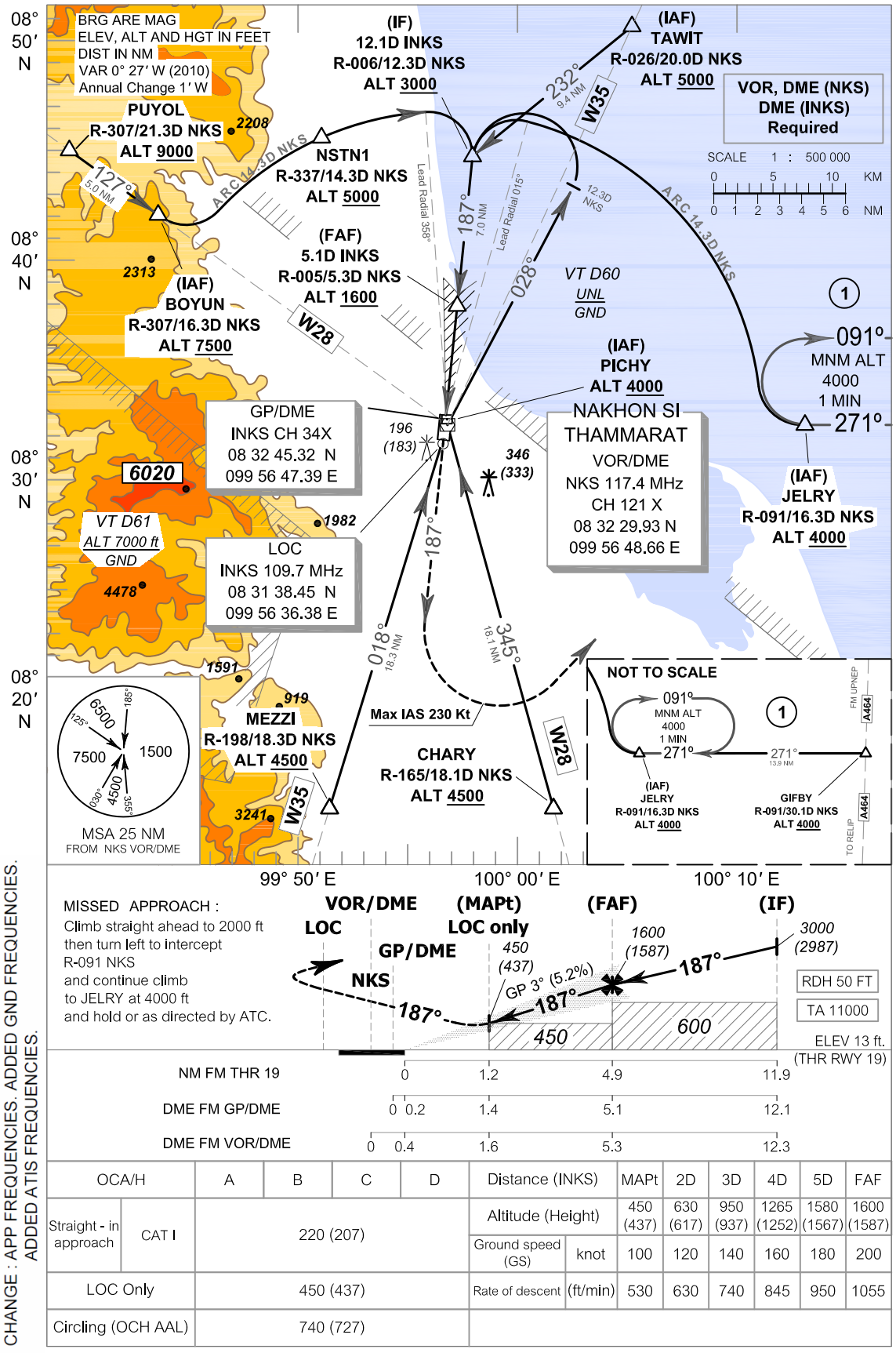
TAWIT	20.0D, R-026 NKS	08 50 42.75 N* 08 50.71 N*	100 05 21.15 E* 100 05.35 E*
PUYOL	21.3D, R-307 NKS	08 45 05.88 N* 08 45.10 N*	099 39 26.35 E* 099 39.44 E*
GIFBY	30.1D, R-091 NKS	08 32 24.27 N* 08 32.40 N*	100 27 14.36 E* 100 27.24 E*
NSTN1	14.3D, R-337 NKS	08 45 39.55 N* 08 45.66 N*	099 51 02.78 E* 099 51.05 E*
MEZZI	18.3D, R-198 NKS	08 14 57.53 N* 08 14.96 N*	099 51 20.98 E* 099 51.35 E*
CHARY	18.1D, R-165 NKS	08 14 56.10 N* 08 14.94 N*	100 01 38.50 E* 100 01.64 E*
(IAF) BOYUN	16.3D, R-307 NKS	08 42 08.37 N* 08 42.14 N*	099 43 31.30 E* 099 43.52 E*
(IAF) PICHY	NKS	08 32 29.93 N* 08 32.50 N*	099 56 48.66 E* 099 56.81 E*
(IAF) JELRY	16.3D, R-091 NKS	08 32 27.17 N* 08 32.45 N*	100 13 15.10 E* 100 13.25 E*
(IF)	12.1D INKS	08 44 47.33 N* 08 44.79 N*	099 57 59.70 E* 099 57.99 E*
(FAF)	5.1D INKS	08 37 50.54 N* 08 37.84 N*	099 57 15.66 E* 099 57.26 E*
(MAPt)	1.4D INKS	08 34 08.66 N* 08 34.14 N*	099 56 52.23 E* 099 56.87 E*

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV. 13 ft
HEIGHTS RELATED TO
THR RWY 19 ELEV. 13 ft

APP : 119.75
TWR : 122.55, 236.6
GND : 121.9
ATIS : 123.4

NAKHON SI THAMMARAT / Nakhon Si Thammarat (VTSF)
ILS or LOC z RWY 19



MISSED APPROACH :
Climb straight ahead to 2000 ft
then turn left to intercept
R-091 NKS
and continue climb
to JELRY at 4000 ft
and hold or as directed by ATC.

OCA/H	A	B	C	D	Distance (INKS)		MAPt	2D	3D	4D	5D	FAF
Straight - in approach CAT I	220 (207)				Altitude (Height)		450 (437)	630 (617)	950 (937)	1265 (1252)	1580 (1567)	1600 (1587)
					Ground speed (GS)	knot	100	120	140	160	180	200
LOC Only	450 (437)				Rate of descent	(ft/min)	530	630	740	845	950	1055
Circling (OCH AAL)	740 (727)											

CHANGE : APP FREQUENCIES. ADDED GND FREQUENCIES.
ADDED ATIS FREQUENCIES.

NAKHON SI THAMMARAT /
Nakhon Si Thammarat (VTSF)
ILS or LOC z RWY 19

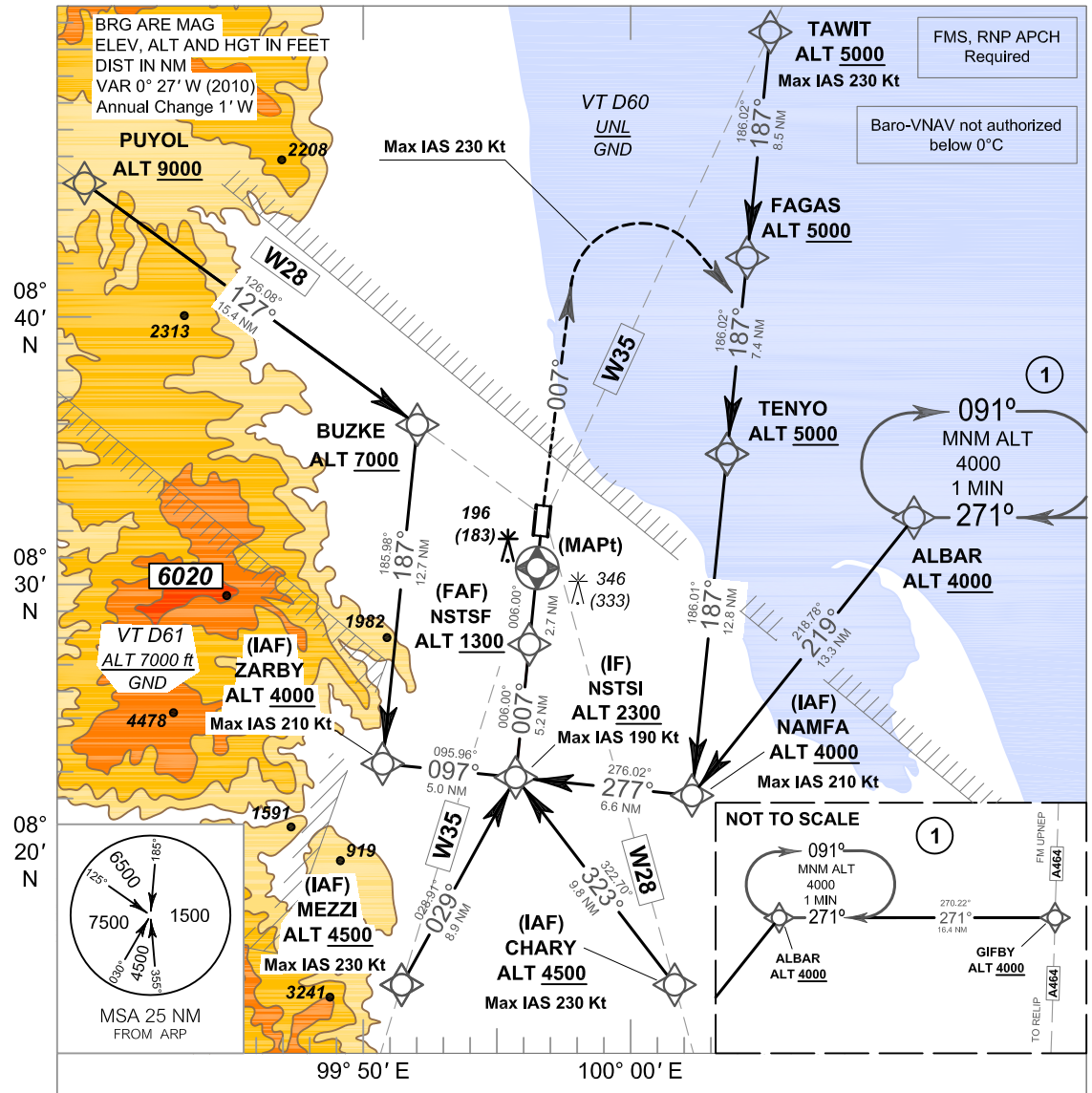
TAWIT	20.0D, R-026 NKS	08 50 42.75 N* 08 50.71 N*	100 05 21.15 E* 100 05.35 E*
PUYOL	21.3D, R-307 NKS	08 45 05.88 N* 08 45.10 N*	099 39 26.35 E* 099 39.44 E*
GIFBY	30.1D, R-091 NKS	08 32 24.27 N* 08 32.40 N*	100 27 14.36 E* 100 27.24 E*
NSTN1	14.3D, R-337 NKS	08 45 39.55 N* 08 45.66 N*	099 51 02.78 E* 099 51.05 E*
MEZZI	18.3D, R-198 NKS	08 14 57.53 N* 08 14.96 N*	099 51 20.98 E* 099 51.35 E*
CHARY	18.1D, R-165 NKS	08 14 56.10 N* 08 14.94 N*	100 01 38.50 E* 100 01.64 E*
(IAF) BOYUN	16.3D, R-307 NKS	08 42 08.37 N* 08 42.14 N*	099 43 31.30 E* 099 43.52 E*
(IAF) PICHY	NKS	08 32 29.93 N* 08 32.50 N*	099 56 48.66 E* 099 56.81 E*
(IAF) JELRY	16.3D, R-091 NKS	08 32 27.17 N* 08 32.45 N*	100 13 15.10 E* 100 13.25 E*
(IF)	12.1D INKS	08 44 47.33 N* 08 44.79 N*	099 57 59.70 E* 099 57.99 E*
(FAF)	5.1D INKS	08 37 50.54 N* 08 37.84 N*	099 57 15.66 E* 099 57.26 E*
(MAPt)	1.4D INKS	08 34 08.66 N* 08 34.14 N*	099 56 52.23 E* 099 56.87 E*

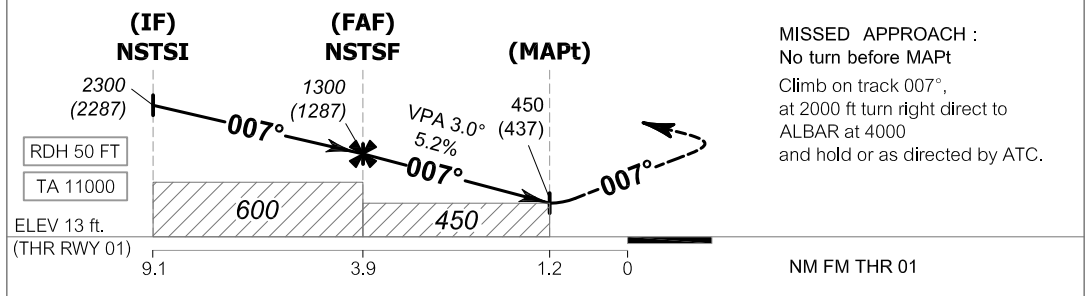
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV. 13 ft
HEIGHTS RELATED TO AERODROME ELEV.

APP : 119.75
TWR : 122.55, 236.6
GND : 121.9
ATIS : 123.4

NAKHON SI THAMMARAT / Nakhon Si Thammarat (VTSF)
RNP RWY01





OCA/H	A	B	C	D	NM to THR 01		FAF	3NM	2NM	MAPt
LNAV / VNAV	450 (437)				Altitude (Height)		1300 (1287)	1010 (997)	695 (682)	450 (437)
LNAV	450 (437)				Ground speed (GS)	knot	100	120	140	160	180	200
Circling (OCH AAL)	740 (727)				Rate of descent	(ft/min)	530	630	740	845	950	1055

CHANGE : CHART TITLE.

**NAKHON SI THAMMARAT /
Nakhon Si Thammarat (VTSF)
RNP RWY01**

Fix identifier	WGS-84 Coordinates		Path	Flyover	Course	Turn	Altitude	Speed	Magnetic	Navigation
(Waypoint name)	Latitude	Longtitude	descriptor		° M (° T)	direction		limit	variation	performance
TAWIT	085042.75 N	1000521.15 E	TF	-	187°(186.02°)	L	+5000	-	0.5	RNP1
FAGAS	084214.54 N	1000427.26 E	TF	-	187°(186.02°)	-	+5000	-	0.5	RNP1
TENYO	083452.22 N	1000340.40 E	IF	-	187°(186.01°)	-	+5000	-	0.5	RNP1
PUYOL	084505.88 N	0993926.35 E	IF	-	127°(126.08°)	-	+9000	-	0.5	RNP1
BUZKE	083559.67 N	0995159.33 E	TF	-	187°(185.98°)	R	+7000	-	0.5	RNP1
GIFBY	083224.27 N	1002714.36 E	IF	-	271°(270.22°)	R	+4000	-	0.5	RNP1
ALBAR	083227.64 N	1001043.05 E	IF	-	219°(218.78°)	L	+4000	-	0.5	RNP1
NAMFA (IAF)	082202.72 N	1000219.01 E	IF,TF	-	277°(276.02°)	R	+4000	210	0.5	RNP1
MEZZI (IAF)	081457.53 N	0995120.98 E	IF,TF	-	029°(028.91°)	R	+4500	230	0.5	RNP1
CHARY (IAF)	081456.10 N	1000138.50 E	IF,TF	-	323°(322.70°)	L	+4500	230	0.5	RNP1
ZARBY (IAF)	082315.93 N	0995038.95 E	IF,TF	-	097°(095.96°)	L	+4000	210	0.5	RNP1
NSTSI (IF)	082244.59 N	0995540.04 E	TF	-	007°(006.00°)	L, R	+2300	190	0.5	RNP1
NSTSF (FAF)	082757.39 N	0995613.05 E	TF	-	007°(006.00°)	-	1300	-	0.5	RNP0.3
MAPt	083036.52 N	0995629.84 E	TF	Y	007°(006.00°)	L	450	-	0.5	RNP0.3
			CA	-	007°(006.00°)	L	+2000	230	0.5	RNP1
ALBAR (MAHF)	083227.64 N	1001043.05 E	DF	-	-	-	+4000	-	0.5	RNP1

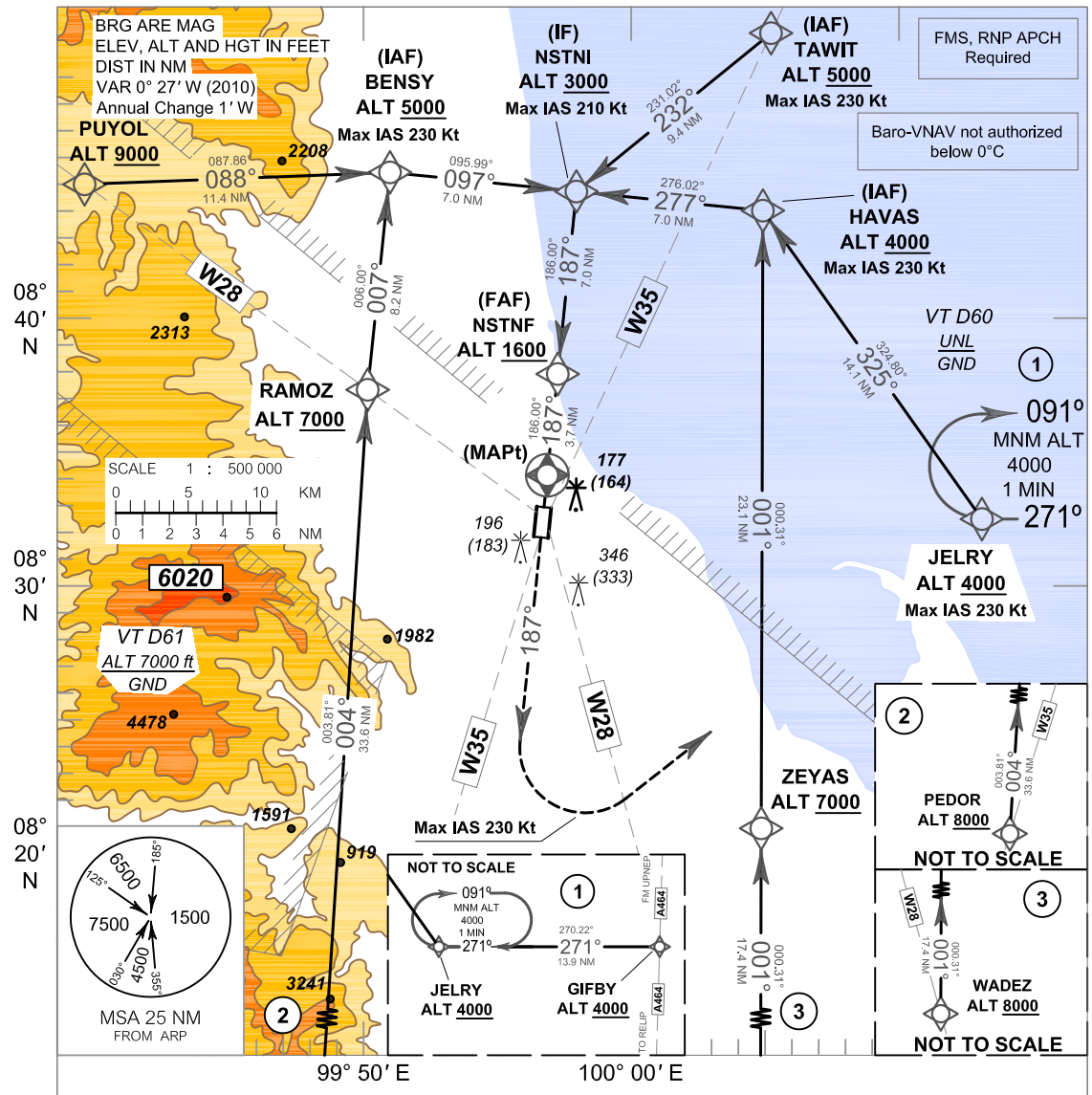
CHANGE : CHART TITLE.

INSTRUMENT APPROACH CHART - ICAO

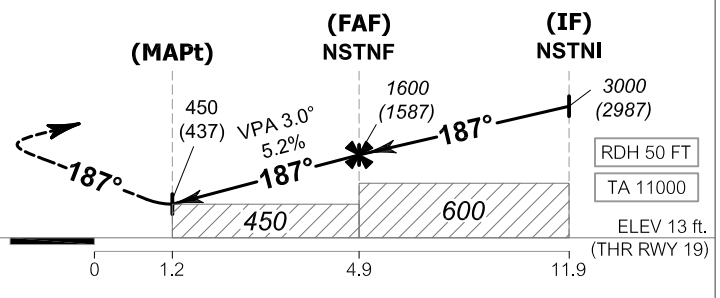
AERODROME ELEV. 13 ft
HEIGHTS RELATED TO AERODROME ELEV.

APP : 119.75
TWR : 122.55, 236.6
GND : 121.9
ATIS : 123.4

NAKHON SI THAMMARAT / Nakhon Si Thammarat (VTSF) RNP RWY19



MISSED APPROACH :
No turn before MAPt
Climb on track 187°,
at 2000 ft turn left direct to
JELRY at 4000
and hold or as directed by ATC.



CHANGE : CHART TITLE.

OCA/H	A	B	C	D	NM to THR19		MAPt	2NM	3NM	4NM	FAF
LNAV / VNAV	350 (337)				Altitude (Height)		450 (437)	695 (682)	1010 (997)	1325 (1312)	1600 (1587)
LNAV	450 (437)				Ground speed (GS)	knot	100	120	140	160	180	200
Circling (OCH AAL)	740 (727)				Rate of descent	(ft/min)	530	630	740	845	950	1055

**NAKHON SI THAMMARAT /
Nakhon Si Thammarat (VTSF)
RNP RWY19**

Fix identifier	WGS-84 Coordinates		Path	Flyover	Course	Turn	Altitude	Speed	Magnetic	Navigation
(Waypoint name)	Latitude	Longtitude	descriptor		° M (° T)	direction		limit	variation	performance
PUYOL	084505.88 N	0993926.35 E	IF	-	088°(087.86°)	L	+9000	-	0.5	RNP1
PEDOR	080342.01 N	0994750.96 E	IF	-	004°(003.81°)	L	+8000	-	0.5	RNP1
WADEZ	080325.22 N	1000448.33 E	IF	-	001°(000.31°)	R	+8000	-	0.5	RNP1
RAMOZ	083722.03 N	0995006.16 E	TF	-	007°(006.00°)	R	+7000	-	0.5	RNP1
ZEYAS	082052.17 N	1000453.96 E	TF	-	001°(000.31°)	-	+7000	-	0.5	RNP1
GIFBY	083224.27 N	1002714.36 E	TF	-	271°(270.22°)	R	+4000	-	0.5	RNP1
JELRY	083227.17 N	1001315.10 E	TF	-	325°(324.80°)	R	+4000	-	0.5	RNP1
BENSY (IAF)	084531.41 N	0995057.74 E	IF,TF	-	097°(095.99°)	R	+5000	230	0.5	RNP1
TAWIT (IAF)	085042.75 N	1000521.15 E	IF,TF	-	232°(231.02°)	R	+5000	230	0.5	RNP1
HAVAS (IAF)	084403.11 N	1000501.60 E	IF,TF	-	277°(276.02°)	L	+4000	230	0.5	RNP1
NSTNI (IF)	084447.33 N	0995759.70 E	TF	-	187°(186.00°)	L, R	+3000	210	0.5	RNP1
NSTNF (FAF)	083750.54 N	0995715.66 E	TF	-	187°(186.00°)	-	1600	-	0.5	RNP0.3
MAPt	083408.66 N	0995652.23 E	-	Y	187°(186.00°)	-	450	-	0.5	RNP0.3
			CA	-	187°(186.00°)	L	+2000	230	0.5	RNP1
JELRY (MAHF)	083227.17 N	1001315.10 E	DF	-	-	-	+4000	230	0.5	RNP1

CHANGE : CHART TITLE.