VTCH AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VTCH - MAE HONG SON / MAE HONG SON AIRPORT

VTCH AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	191806.18N 0975830.20E
2	Direction and distance from (city)	2 KM NE, from city
3	Elevation/Reference temperature	929 FT/30°C
4	Geoid Undulation at AD ELEV PSN	NIL
5	MAG VAR/Annual change	0.75°W (2016)/0.01°E
6	AD Administration, address, telephone, telefax, telex, AFS	Director of Mae Hong Son Airport Mae Hong Son Airports Niwet Pisan Road Amphoe Muang Mae Hong Son 58000 Thailand Tel: +665 361 2057 +665 361 1499 Fax: +665 361 1499 AFS: VTCHYDYX
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Operator: Department of Airports

VTCH AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	2300-1100
2	Customs and immigration	On request
3	Health and sanitation	On request
4	AIS Briefing Office	HJ
5	ATS Reporting Office (ARO)	NIL
6	MET Briefing Office	NIL
7	ATS	2300-1100, Other than this period 1HR PN to ATC
8	Fuelling	NIL
9	Handling	NIL
10	Security	NIL
11	De-icing	NIL
12	Remarks	NIL

VTCH 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

VTCH AD 2.5 PASSENGER FACILITIES

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

VTCH 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	NIL
4	Remarks	NIL

VTCH AD 2.7 SEASONAL AVAILABILITY - CLEARING

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

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

1	Apron surface and strength	Surface: Asphalt Strength: PCN 41/F/C/X/T (Apron 1) PCN 45/R/C/X/T (Apron 2)
2	Taxiway width, surface and strength	Width: 23 M Surface: Asphalt Strength: PCN 41/F/C/X/T
3	Altimeter checkpoint location and elevation	NIL
4	VOR checkpoints	NIL
5	INS checkpoints	NIL
6	Remarks	NIL

VTCH 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	Taxiway centre-line are painted in yellow and illuminated guidance signs are provided at various intersections. TWY edge and TWY holding position are provided. Guide lines at apron.
2	RWY and TWY markings and LGT	RWY and TWY Marked and lighted
3	Stop bars	NIL
4	Remarks	NIL

VTCH 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 78 M painted red/white LGTD on top.	191717N 0975805E	NIL	NIL	NIL
-	Radio mast HGT 315 M painted red/white LGTD on top.	191810N 0975845E	NIL	NIL	

VTCH AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Aeronautical Meteorological Station-Mae Hong Son, Northern Meteorological Center, Thai Meteorological Department (TMD)
2	Hours of service MET Office outside hours	0000-1200 NIL
3	Office responsible for TAF preparation Periods of validity	Supply TAF from Northern Meteorological Center 24 HR
4	Type of landing forecast Interval of issuance	TREND 1 HR
5	Briefing/consultation provided	Personal Consultation Tel: +665 361 2903 ext. 4210
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), Weather Radar
9	ATS units provided with information	Mae Hong Son TWR
10	Additional information (limitation of service, etc.)	NIL

VTCH 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
11	108.75°	2000x30	PCN 41/F/C/X/T Asphalt	191815.29N 0975800.56E	THR 865 FT TDZ 872 FT
29	288.75°	2000x30	PCN 41/F/C/X/T Asphalt	191755.28N 0975905.72E	THR 929 FT TDZ 929 FT

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
NIL	NIL	NIL	2060x80	NIL	NIL
NIL	NIL	NIL	2060x80	NIL	NIL

VTCH AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
11	NIL	NIL	NIL	2000	NIL
29	2000	2000	2000	NIL	NIL

VTCH 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
11	RTIL	Green	PAPI Both 3° (44.63 FT)	NIL	NIL	2000 M 60 M White / LIM	Red	NIL	NIL
29	NIL	NIL	NIL	NIL	NIL	2000 M 60 M White / LIM	Red	NIL	NIL

VTCH 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 4 SEC
2	LDI location and LGT Anemometer location and LGT	WDI NO.1 832 M FM THR RWY11 ON THE LEFT WDI NO.2 1200 M FM THR RWY11 ON THE RIGHT
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

VTCH 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

VTCH AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	A circle of 5 NM radius centred on MHS DVOR/DME (191910.73N 0975443.50E). Excluding the Myanmar territory.
2	Vertical limits	2000 FT/AGL
3	Airspace classification	D
4	ATS unit call sign Language(s)	Mae Hong Son Tower English, Thai
5	Transition altitude	11000 FT
6	Remarks	NIL

VTCH AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Mae Hong Son Approach	*126.2 MHZ	23:00-11:00	*Other this period 3 HR PN to ATC
TWR	Mae Hong Son Tower	*122.3 MHZ *236.6 MHZ	23:00-11:00	
ATIS		384 KHZ	23:00-11:00	

VTCH 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
NDB	MH	384 KHZ	H24	191755.84N 0975830.59E	NIL	1. Data refer to commissioning checked as follows: a) 40 NM orbit flown from bearing 071°-180° clockwise orbit at altitude 8 500 FT. Result found satisfactory. b) Bearing 181°-070° clockwise unable to performed due to border limited. 2. Facility performance classified as “Restricted” due to item b) above as per commissioning checked.
DVOR/DME	MHS	115.5 MHZ CH102X	H24	191910.73N 0975443.50E		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 follows: – Radial 060°-080° beyond 40 NM should not below 8 500 FT – Radial 081°-120° beyond 40 NM should not below 11 000 FT – Radial 121°-180° beyond 40 NM should not below 9 000 FT – Radial 181°-059° unable to performed due to border limited DME unusable radial 080°-120° beyond 30 NM altitude below 10 000 FT. DVOR/DME unusable due to roughness and scalloping on radial 040° distance between 10-12 DME, radial 119° distance between 8-10 DME and radial 090° distance between 8-9 DME.

VTCH AD 2.20 LOCAL AERODROME REGULATIONS

To prevent of runway subside pilot of ATR aircraft or larger are request to make back track at the end of runway.

VTCH AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VTCH AD 2.22 FLIGHT PROCEDURES

NIL

VTCH AD 2.23 ADDITIONAL INFORMATION

NIL

VTCH AD 2.24 CHARTS RELATED TO AN AERODROME

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AERODROME CHART-ICAO

19° 18' 06" N
97° 58' 30" E

ELEV 929 ft
283 m

TWR 122.3 236.6

MAE HONG SON/Mae Hong Son

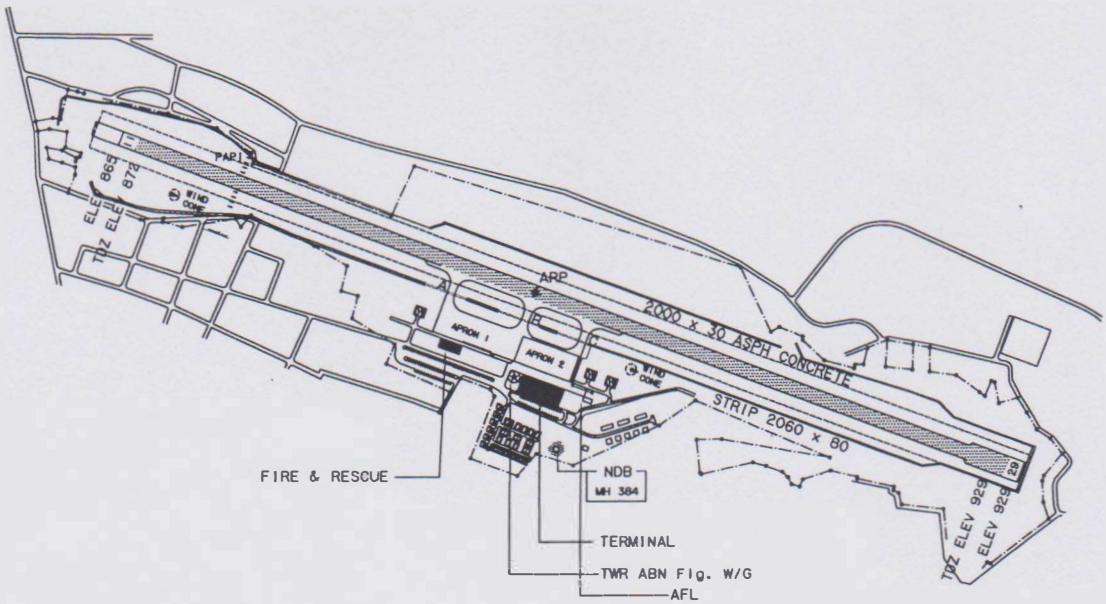
RWY	DIRECTION	THR	BEARING STRENGTH
11	108.26°	19° 18' 15.29" N 97° 58' 00.56" E	PCN 41/F/C/X/T
29	288.26°	19° 18' 55.28" N 97° 58' 05.72" E	
APRON 1			PCN 41/F/C/X/T
APRON 2			PCN 45/R/C/X/T

VAR 0° 44'W (2005)

ANNUAL RATE OF CHANGE 4'W

ELEVATIONS IN FEET AND DIMENSIONS IN METRES

BEARINGS ARE MAGNETIC



METRES
150 0 100 250 500
500 0 500 1000 1500
FEET

MARKING AIDS RWY 11/29 AND EXIT TWY

LIGHTING AIDS RWY 11/29 AND EXIT TWY

Remark : COORDINATE ARE WGS-84

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STANDARD DEPARTURE CHART-INSTRUMENT (SID) - ICAO

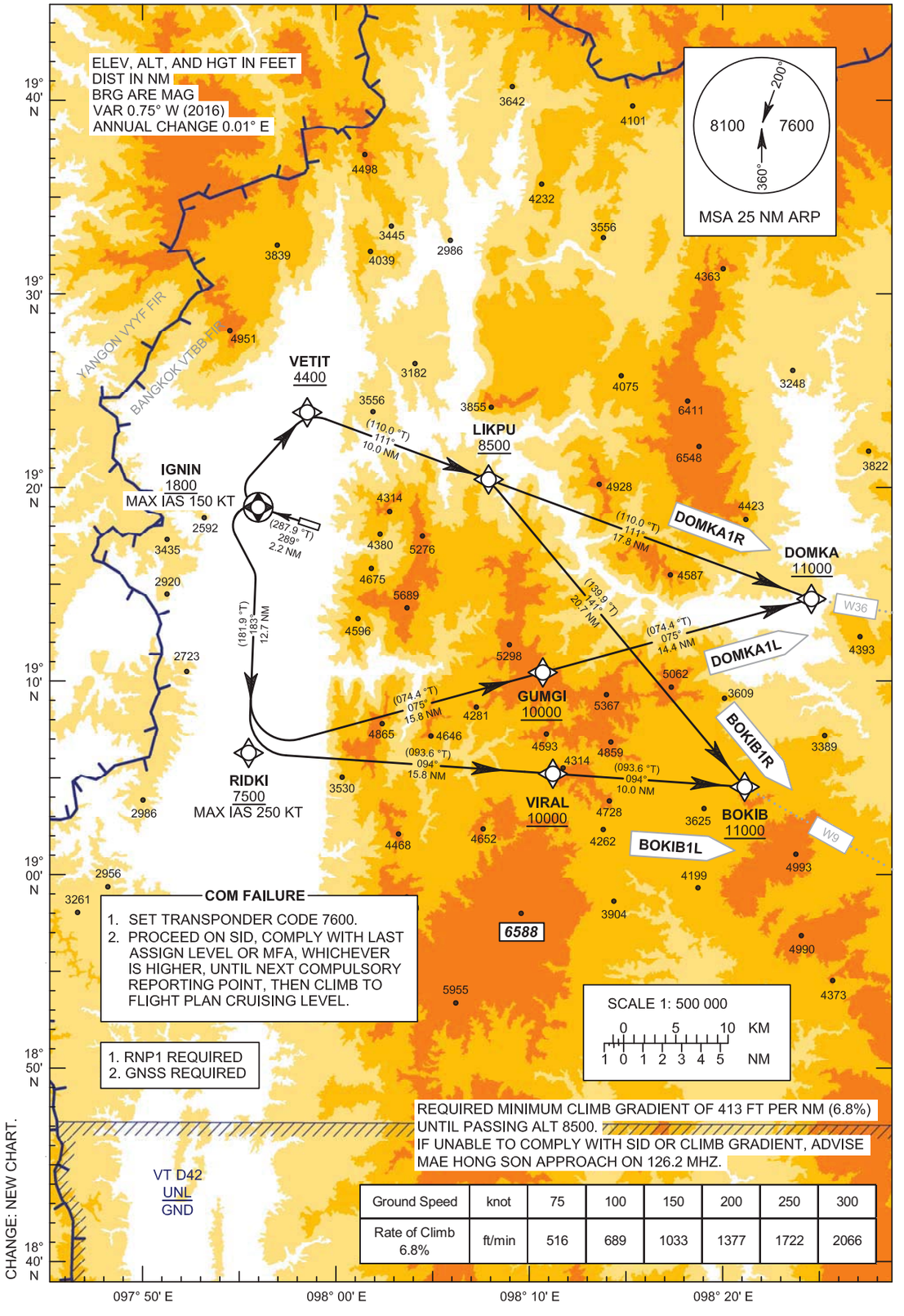
TRANSITION ALTITUDE
11000 FT

APP : 126.2 MHZ
TWR : 122.3 , 236.6 MHZ
ATIS : 384 KHZ

MAE HONG SON / Mae Hong Son (VTCH)

RNAV RWY29

BOKIB1L BOKIB1R
DOMKA1L DOMKA1R



Ground Speed	knot	75	100	150	200	250	300
Rate of Climb 6.8%	ft/min	516	689	1033	1377	1722	2066

**STANDARD DEPARTURE CHART-
INSTRUMENT (SID) - ICAO**

MAE HONG SON / Mae Hong Son (VTCH)

RNAV RWY29

BOKIB1L BOKIB1R
DOMKA1L DOMKA1R

TABULAR DESCRIPTION

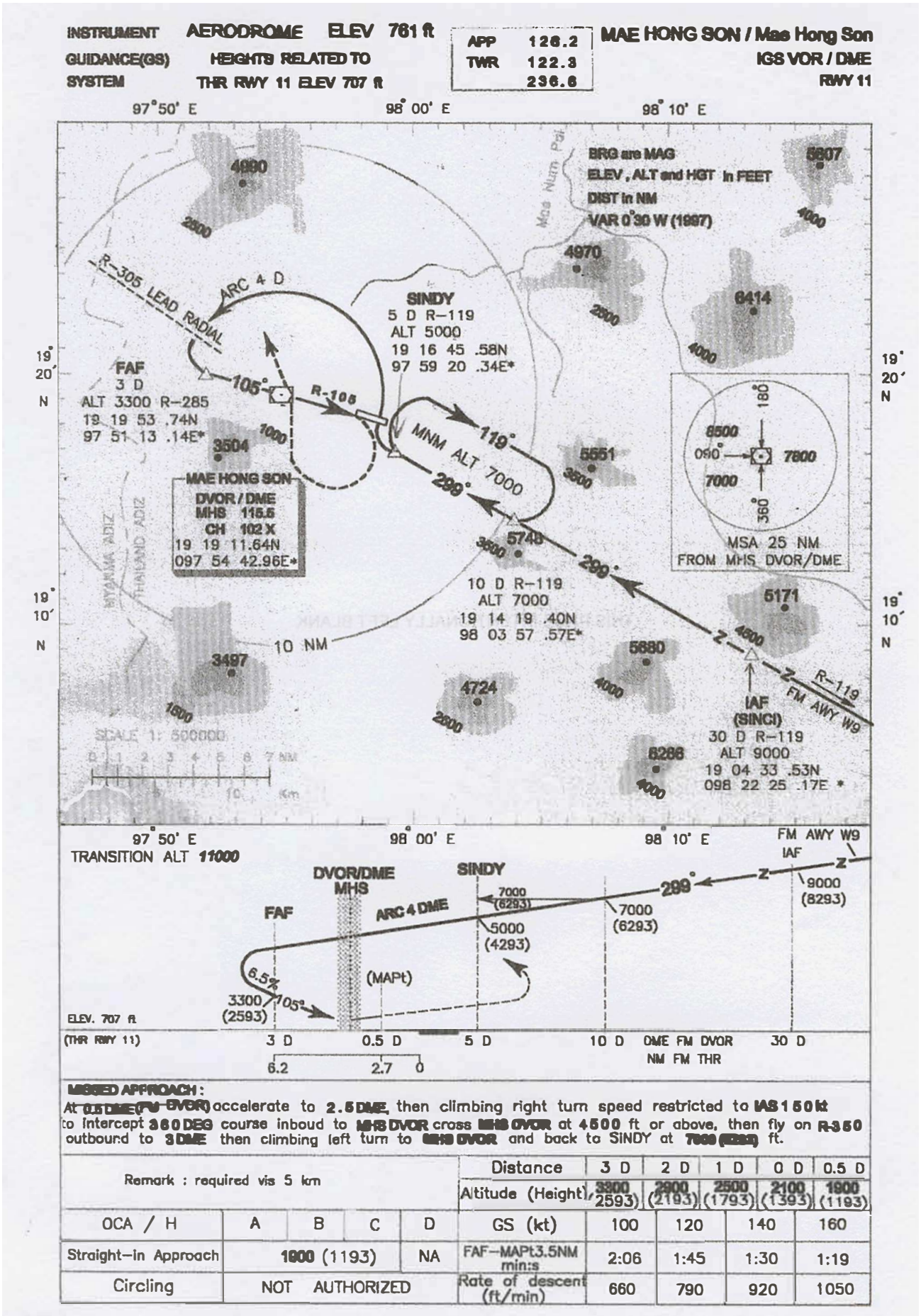
RNAV RWY29

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
010	-	DER RWY29	-	-	+0.71	-	-	-	-	-	RNP 1
020	CF	IGNIN	Y	289°(287.9°)	+0.71	2.2	L	+1800	-150	-	RNP 1
030	TF	RIDKI	-	183°(181.9°)	+0.71	12.7	L	+7500	-250	-	RNP 1
040	TF	VIRAL	-	094°(093.6°)	+0.71	15.8	-	+10000	-	-	RNP 1
050	TF	BOKIB	-	094°(093.6°)	+0.71	10.0	-	+11000	-	-	RNP 1
010	-	DER RWY29	-	-	+0.71	-	-	-	-	-	RNP 1
020	CF	IGNIN	Y	289°(287.9°)	+0.71	2.2	-	+1800	-150	-	RNP 1
030	DF	VETIT	-	-	+0.71	-	R	+4400	-	-	RNP 1
040	TF	LIKPU	-	111°(110.0°)	+0.71	10.0	R	+8500	-	-	RNP 1
050	TF	BOKIB	-	141°(139.9°)	+0.71	20.7	-	+11000	-	-	RNP 1
010	-	DER RWY29	-	-	+0.71	-	-	-	-	-	RNP 1
020	CF	IGNIN	Y	289°(287.9°)	+0.71	2.2	L	+1800	-150	-	RNP 1
030	TF	RIDKI	-	183°(181.9°)	+0.71	12.7	L	+7500	-250	-	RNP 1
040	TF	GUMGI	-	075°(074.4°)	+0.71	15.8	-	+10000	-	-	RNP 1
050	TF	DOMKA	-	075°(074.4°)	+0.71	14.4	-	+11000	-	-	RNP 1
010	-	DER RWY29	-	-	+0.71	-	-	-	-	-	RNP 1
020	CF	IGNIN	Y	289°(287.9°)	+0.71	2.2	-	+1800	-150	-	RNP 1
030	DF	VETIT	-	-	+0.71	-	R	+4400	-	-	RNP 1
040	TF	LIKPU	-	111°(110.0°)	+0.71	10.0	-	+8500	-	-	RNP 1
050	TF	DOMKA	-	111°(110.0°)	+0.71	17.8	-	+11000	-	-	RNP 1

WAYPOINT LIST

RNAV RWY29

Waypoint Identifier	Coordinates		Pronunciation
DER RWY29	19° 18' 15.29" N	097° 58' 00.56" E	-
BOKIB	19° 04' 33.60" N	098° 22' 25.20" E	BO - KIB
DOMKA	19° 14' 19.38" N	098° 26' 01.88" E	DOM - KA
GUMGI	19° 10' 27.38" N	098° 11' 21.92" E	GUM - GI
IGNIN	19° 18' 56.58" N	097° 55' 46.03" E	IG - NIN
LIKPU	19° 20' 27.15" N	098° 08' 20.95" E	LIK - PU
RIDKI	19° 06' 12.00" N	097° 55' 19.20" E	RID - KI
VETIT	19° 23' 52.95" N	097° 58' 24.52" E	VIT - TIT
VIRAL	19° 05' 12.13" N	098° 11' 56.46" E	VI - RAL



MISSED APPROACH :
At 0.5 DME (FM DVOR) accelerate to **2.5 DME**, then climbing right turn speed restricted to **IAS 150 kt** to intercept **360 DEG** course inboud to **MHS DVOR** cross **MHS DVOR** at **4500** ft or above, then fly on **R-350** outbound to **3 DME** then climbing left turn to **MHS DVOR** and back to SINDY at **7000 (6293)** ft.

Remark : required vis 5 km					Distance	3 D	2 D	1 D	0 D	0.5 D
					Altitude (Height)	3300 (2593)	2900 (2193)	2500 (1793)	2100 (1393)	1900 (1193)
OCA / H	A	B	C	D	GS (kt)	100	120	140	160	
Straight–in Approach	1900 (1193)			NA	FAF–MAPt3.5NM min:s	2:06	1:45	1:30	1:19	
Circling	NOT AUTHORIZED				Rate of descent (ft/min)	660	790	920	1050	

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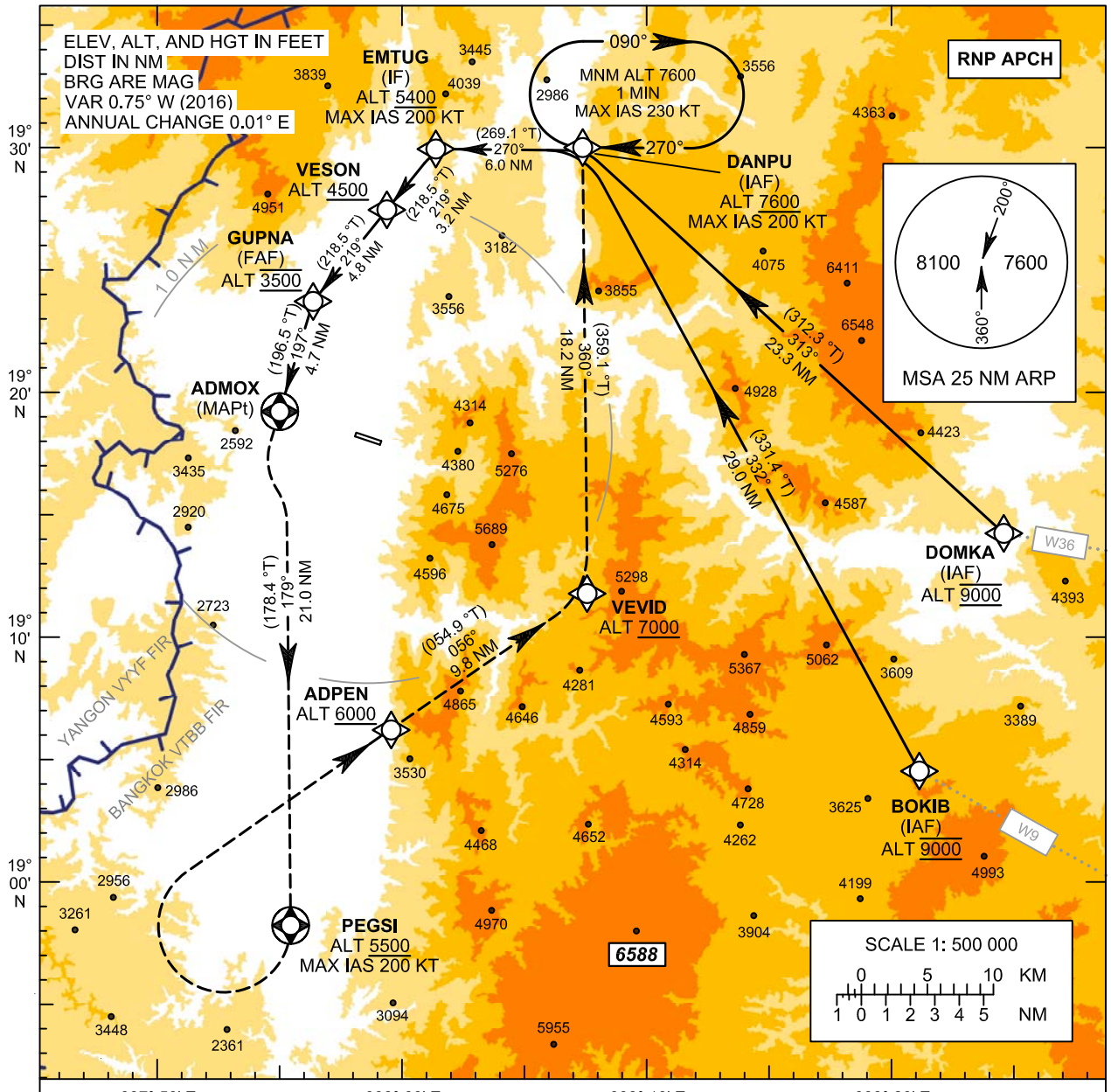
INSTRUMENT APPROACH CHART - ICAO

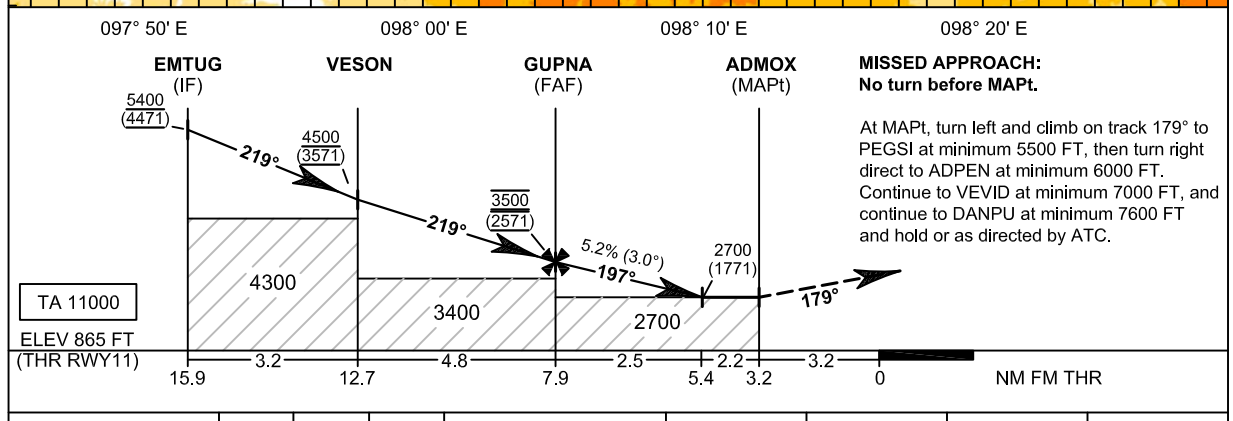
AERODROME ELEV 929 FT
HEIGHTS RELATED TO AERODROME ELEV

APP : 126.2 MHZ
TWR : 122.3 , 236.6 MHZ
ATIS : 384 KHZ

MAE HONG SON / Mae Hong Son (VTCH)

RNAV (GNSS) a RWY11





CHANGE: NEW CHART.

OCA/H	A	B	C	NM to NEXT WPT	FAF	7 NM	6 NM	5.4 NM
LNAV	NOT AUTHORIZED			Altitude (Height)	3500 (2571)	3190 (2261)	2875 (1946)	2700 (1771)
Circling (OCH AAL)	2700 (1771)			Ground Speed	knot	70	90	100	120	140	160
* FOR CIRCLING RESTRICTIONS SEE VERSO				Rate of Descent FAF-MAPt 5.2%	ft/min	369	474	527	632	737	843

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 929 FT
HEIGHTS RELATED TO AERODROME ELEV

MAE HONG SON / Mae Hong Son (VTCH)

RNAV (GNSS) a RWY11

TABULAR DESCRIPTION

RNAV (GNSS) a RWY11

Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
010	IF	BOKIB (IAF)	-	-	+0.71	-	-	@9000	-	-	RNP APCH
020	TF	DANPU	-	332°(331.4°)	+0.71	29.0	L	+7600	-200	-	RNP APCH
030	TF	EMTUG (IF)	-	270°(269.1°)	+0.71	6.0	-	+5400	-200	-	RNP APCH
010	IF	DOMKA (IAF)	-	-	+0.71	-	-	@9000	-	-	RNP APCH
020	TF	DANPU	-	313°(312.3°)	+0.71	23.3	L	+7600	-200	-	RNP APCH
030	TF	EMTUG (IF)	-	270°(269.1°)	+0.71	6.0	-	+5400	-200	-	RNP APCH
010	IF	DANPU (IAF)	-	-	+0.71	-	-	+7600	-200	-	RNP APCH
020	TF	EMTUG (IF)	-	270°(269.1°)	+0.71	6.0	-	+5400	-200	-	RNP APCH
010	IF	EMTUG (IF)	-	-	+0.71	-	-	+5400	-200	-	RNP APCH
020	TF	VESON	-	219°(218.5°)	+0.71	3.2	-	+4500	-	-	RNP APCH
030	TF	GUPNA (FAF)	-	219°(218.5°)	+0.71	4.8	L	@3500	-	-	RNP APCH
040	TF	ADMOX (MAPt)	Y	197°(196.5°)	+0.71	4.7	L	@1998	-	-	RNP APCH
050	CF	PEGSI	Y	179°(178.4°)	+0.71	21.0	-	+5500	-200	-	RNP APCH
060	DF	ADPEN	-	-	+0.71	-	R	+6000	-	-	RNP APCH
070	TF	VEVID	-	056°(054.9°)	+0.71	9.8	-	+7000	-	-	RNP APCH
080	TF	DANPU (IAF)	-	360°(359.1°)	+0.71	18.2	-	+7600	-200	-	RNP APCH
090	HM	DANPU (IAF)	Y	270°(269.1°)	+0.71	1 minute	R	+7600	-230	-	RNP APCH

WAYPOINT LIST

RNAV (GNSS) a RWY11

Waypoint Identifier	Coordinates	Pronunciation
ADMOX	19° 19' 10.73" N 097° 54' 43.50" E	ADD - MOX
ADPEN	19° 06' 08.78" N 097° 59' 37.25" E	ADD - PEN
BOKIB	19° 04' 33.60" N 098° 22' 25.20" E	BO - KIB
DANPU	19° 30' 04.72" N 098° 07' 45.48" E	DAN - PU
DOMKA	19° 14' 19.38" N 098° 26' 01.88" E	DOM - KA
EMTUG	19° 29' 59.22" N 098° 01' 24.44" E	EM - TUK
GUPNA	19° 23' 42.15" N 097° 56' 08.21" E	GUP - NA
PEGSI	18° 58' 06.16" N 097° 55' 19.99" E	PEG - SI
VESON	19° 27' 28.72" N 097° 59' 18.17" E	VE - SON
VEVID	19° 11' 46.96" N 098° 08' 03.48" E	VE - VID