VTSY AD 2.1 AERODROME LOCATION INDICATOR AND NAME

VTSY - YALA/BETONG AIRPORT

VTSY AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	054719.64N 1010849.77E
2	Direction and distance from (city)	10 KM NE from city
3	Elevation/Reference temperature	225.25 M (738 FT)
4	Geoid Undulation at AD ELEV PSN	-9 M (-30 FT)
5	MAG VAR/Annual change	0.27ºW (2020) / 0.03ºW
6	AD Administration, address, telephone, telefax, telex, AFS	Director of Betong Airport Betong Airport 125 Moo.8, Yarom Betong Yala 95110 Thailand
7	Types of traffic permitted (IFR/VFR)	IFR/VFR
8	Remarks	Operator: Department of Airports

VTSY AD 2.3 OPERATIONAL HOURS

1	AD Administration	0130 - 0930
2	Customs and immigration	NIL
3	Health and sanitation	NIL
4	AIS Briefing Office	NIL
5	ATS Reporting Office (ARO)	NIL
6	MET Briefing Office	NIL
7	ATS	0130 - 0930
8	Fuelling	NIL
9	Handling	NIL
10	Security	0130 - 0930
11	De-icing	NIL
12	Remarks	NIL

VTSY 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

VTSY AD 2.5 PASSENGER FACILITIES

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

VTSY AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Category 5
2	Rescue equipment	Accordance with AD Category 5
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

VTSY AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	NIL

VTSY AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1	Apron surface and strength	Surface: Concrete Strength: PCN 23/R/D/X/T
2	Taxiway width, surface and strength	TWY A and B Width: 18 M Surface: Asphalt Strength: PCN 23/F/D/X/T
3	Altimeter checkpoint location and elevation	Location: 054714.33N 1010851.00E 054713.84N 1010849.62E 054713.34N 1010848.25E Elevation: MSL 225.109 M (738.547 FT)
4	VOR checkpoints	NIL
5	INS checkpoints	NIL
6	Remarks	NIL

VTSY 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	Aircraft stand ID signs: Marked TWY guide lines: Yes VDGS of aircraft stands: NIL, aircraft parking shall follow marshaller strictly.
2	RWY and TWY markings and LGT	RWY marking: RWY Designation, THR, TDZ, CL, Aiming Point and Side Stripe RWY LGT: THR, RWY Edge and RWY End TWY marking: CL, Edge, RWY Holding Position and Intermediate Holding Position TWY LGT: TWY Edge
3	Stop bars	NIL
4	Remarks	NIL

VTSY AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas			In circling area 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**	
APCH RWY 07/ TKOF RWY 25	Tree 253.63 M (HGT 28.38 M)	054711.76N 1010817.00E	NIL	NIL	NIL
	Tree 275.27 M (HGT 50.02 M)	054657.63N 1010803.25E			
	Radio Mast 387.41 M (HGT 162.16 M) Marked and LGT	054615.47N 1010356.79E			
	Radio Mast 423.26 M (HGT 198 M) Marked and LGT	054544.82N 1010404.54E			
APCH RWY 25/ TKOF RWY 07	Mountain 415 M (HGT 195.82 M)				
	Mountain 644 M (HGT 424.82 M)	See Aerodrome Obstacle Chart - ICAO Type A			
	Mountain 954 M (HGT 734.82 M)				

VTSY AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Aeronautical Meteorological Station-Betong, Southern East-Coast Meteorological Center, Thai Meteorological Department (TMD)
2	Hours of service MET Office outside hours	0000-1000 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: +668 9283 1877
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	Betong TWR
10	Additional information (limitation of service, etc.)	NIL

VTSY 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
07 (Non-instrument runway)	070.09°	1800x30	PCN 23/F/D/X/T Asphalt	054714.13N 1010834.47E	225.25 M (738 FT)
25 (Non-instrument runway)	250.09°	1800x30	PCN 23/F/D/X/T Asphalt	054733.96N 1010929.53E	219.18 M (719 FT)

Slope of RWY-SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location and description of arresting system	OFZ	Remarks
7	8	9	10	11	12	13	14
0.00% -0.63% (690M 1100M)	NIL	NIL	1920x150	240x60	NIL	NIL	NIL
0.63% 0.00% (1100M 690M)	NIL	NIL	1920x150	240x60	NIL	NIL	NIL

VTSY AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
07	1800	1800	1800	1800	NIL
25	1800	1800	1800	1800	NIL

VTSY 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
07	SALS 420 M LIH	Green NIL	PAPI Left 3.9° (59.42 FT)	NIL	NIL	1800 M 30 M White, LIH YCZ 600 M	Red NIL	NIL	NIL
25	NIL	Green NIL	PAPI Left 4.7° (42.78 FT)	NIL	NIL	1800 M 30 M White, LIH YCZ 600 M	Red NIL	NIL	1. RTIL 2. Due to mountainous terrains, PAPI RWY 25 is unusable beyond 3 NM and approved only for operation under VFR conditions.

VTSY AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	ABN: On top of control tower, FLG W G EV 2 SEC IBN: NIL
2	LDI location and LGT Anemometer location and LGT	LDI: NIL Anemometer: Wind cone at 280 M from THR 07 off set left side 67 M from RCL and wind cone at 155 M from THR 25 off set left side 67 M from RCL
3	TWY edge and centre line lighting	Edge: TWY A and B Centre line: NIL
4	Secondary power supply/switch-over time	Secondary power supply to all lighting at AFL Building Switch-over time: 15 SEC
5	Remarks	NIL

VTSY AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO	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

VTSY AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	BETONG AERODROME TRAFFIC ZONE (ATZ), a circle radius 5 NM centred on BET DVOR/DME (054707.68N1010838.65E)
2	Vertical limits	4000 FT/AGL
3	Airspace classification	D
4	ATS unit call sign Language(s)	BETONG TOWER English, Thai
5	Transition altitude	11000 FT
6	Remarks	NIL

VTSY AD 2.18 ATS COMMUNICATION FACILITIES

Service designation	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
APP	Narathiwat Approach	125.55 MHZ 121.5 MHZ [1)]	23:00-11:00	[1)] Emergency frequency
TWR	Betong Tower	124.15MHZ 236.6MHZ 121.5 MHZ [1)] 243.0 MHZ [1)]	01:30-09:30	
GND	Betong Ground	122.15 MHZ 121.5 MHZ [1)] 243.0 MHZ [1)]	01:30-09:30	
ATIS	Betong Airport	128.5 MHZ	01:30-09:30	

VTSY 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	BET	113.1MHZ	H24	054707.68N 1010838.65E		DVOR/DME restrictions, 1. Due to mountainous terrain surround DVOR/DME station, coverage check does not provide adequate signal to 40 NM at required altitude and distance in various areas as follows: – Radial 350°-020° altitude should not below 8 000 FT – Radial 021°-040° altitude should not below 6 500 FT – Radial 041°-060° altitude should not below 9 000 FT – Radial 061°-075° altitude should not below 15 000 FT – Radial 076°-349° unable to check due to border limit 2. Due to the out-of-tolerance 30Hz FM deviation ratio in the following areas: – Radial 130°-180° – Radial 320°-010°
DME		78X	H24	054707.82N 1010838.27E		DME co-located with DVOR

VTSY 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, all aircraft are not allowed to make 180 degrees turn on the runway. The turn shall be made on the runway turn pad located near the threshold of runway 25. 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.

VTSY AD 2.21 NOISE ABATEMENT PROCEDURES

NIL

VTSY AD 2.22 FLIGHT PROCEDURES

NIL

VTSY AD 2.23 ADDITIONAL INFORMATION

1. BIRD CONCENTRATIONS

- Bird concentrations in the vicinity of an aerodrome.

VTSY AD 2.24 CHARTS RELATED TO AN AERODROME

AERODROME CHART - ICAO

05 47 19.64 N
101 08 49.77 E

ELEV 738 FT
225 m

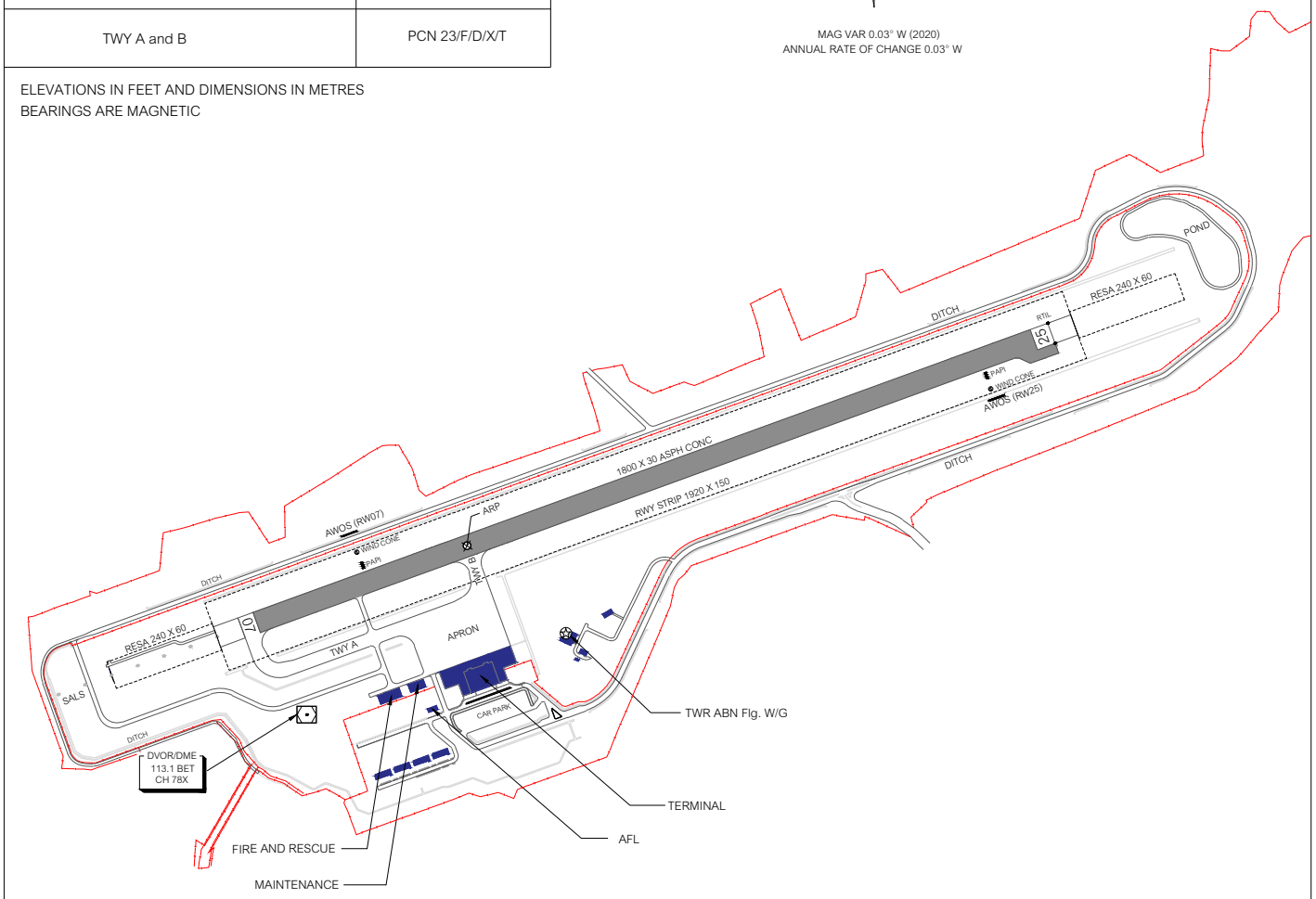
TWR 124.15

YALA / Betong

RWY	DIRECTION (TRUE BRG)	THR	BEARING STRENGTH
07	70.09	05 47 14.13 N 101 08 34.47 E	PCN 23/F/D/X/T
25	250.09	05 47 33.96 N 101 09 29.53 E	
APRON			PCN 23/R/D/X/T
TWY A and B			PCN 23/F/D/X/T

ELEVATIONS IN FEET AND DIMENSIONS IN METRES
BEARINGS ARE MAGNETIC

MAG VAR 0.03° W (2020)
ANNUAL RATE OF CHANGE 0.03° W

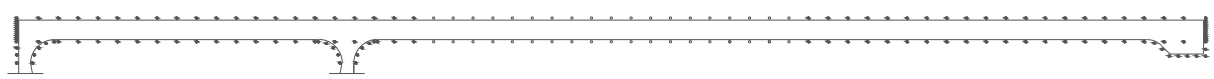


METRES
150 0 100 250 500
500 0 500 1000 1500
FEET

Remark : COORDINATE ARE WGS-84

MARKING AIDS RWY 07/25 AND EXIT TWY

LIGHTING AIDS RWY 07/25 AND EXIT TWY



CHANGE: PAPI 07/25 ADDED.

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AERODROME OBSTACLE CHART - ICAO

TYPE A (OPERATIONAL LIMITATIONS)

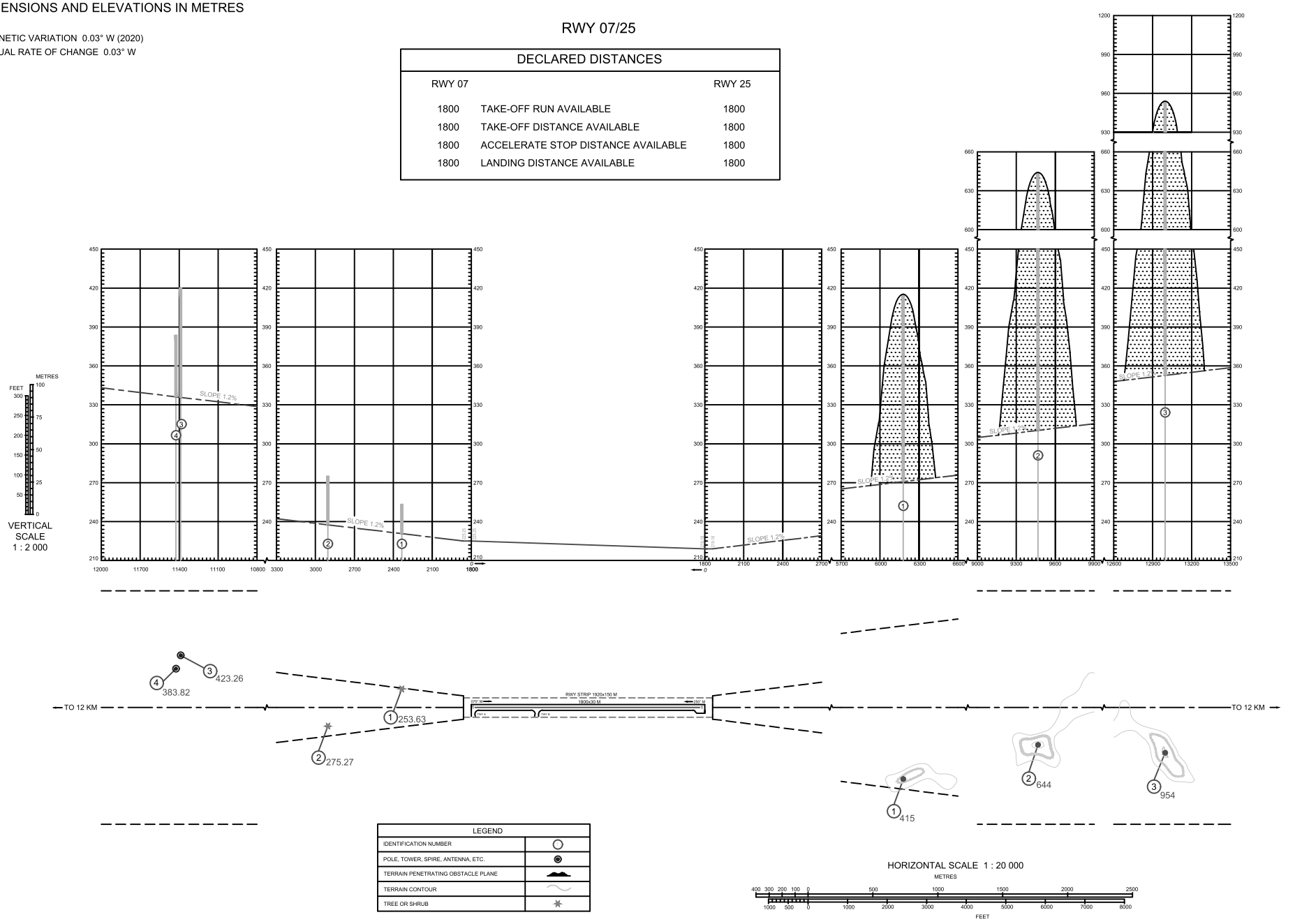
YALA / Betong Airport

DIMENSIONS AND ELEVATIONS IN METRES

MAGNETIC VARIATION 0.03° W (2020)
ANNUAL RATE OF CHANGE 0.03° W

RWY 07/25

DECLARED DISTANCES		
RWY 07		RWY 25
1800	TAKE-OFF RUN AVAILABLE	1800
1800	TAKE-OFF DISTANCE AVAILABLE	1800
1800	ACCELERATE STOP DISTANCE AVAILABLE	1800
1800	LANDING DISTANCE AVAILABLE	1800



CHNAGE: NEW CHART.

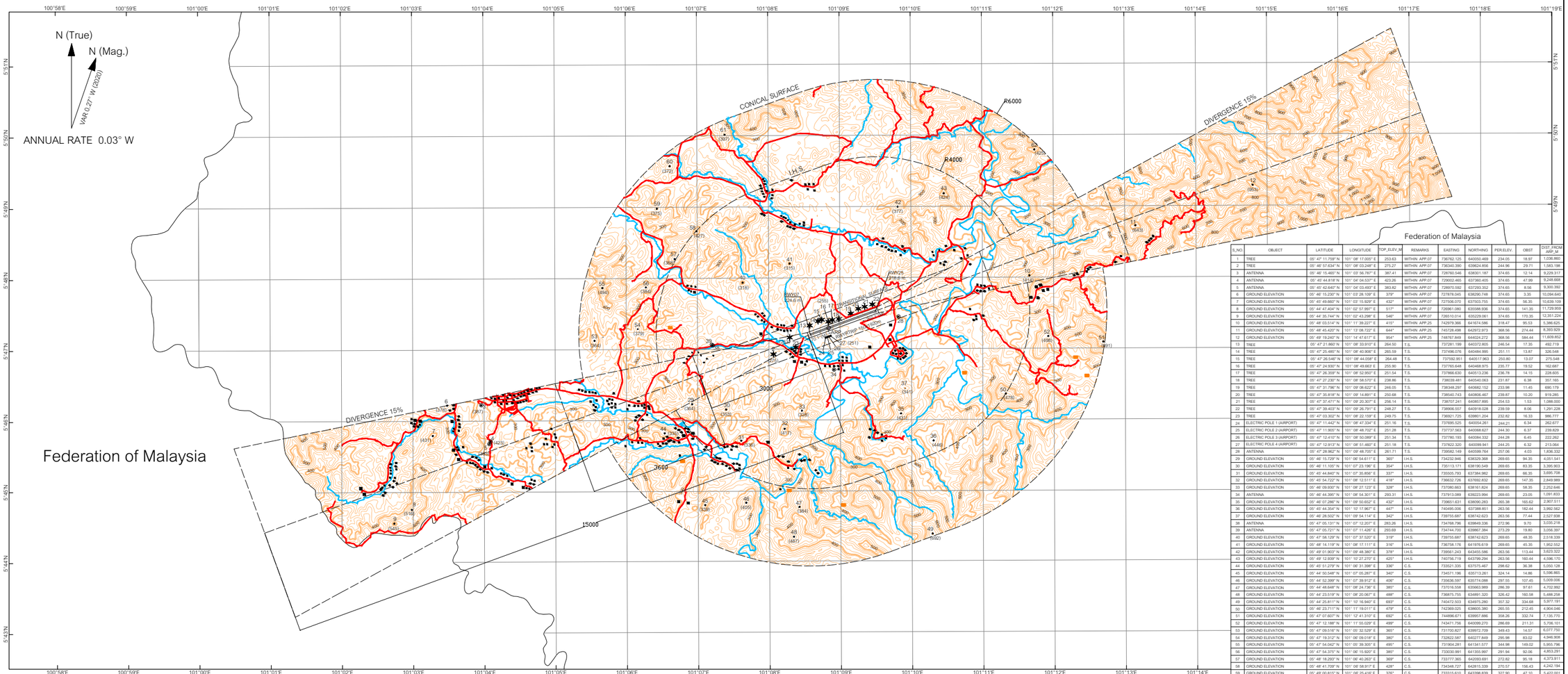
INTENTIONALLY BLANK

GRIDLINES AND CO-ORDINATES SHOWN ARE BASED ON WGS-84 DATUM

DIMENSIONS IN METRES
ELEVATIONS IN METRES (EGM-96)
AERODROME ELEVATION 225.247 m (738.999 FT)

AERODROME OBSTACLE CHART - ICAO
TYPE - B

YALA/BETONG, THAILAND



S_NO.	OBJECT	LATITUDE	LONGITUDE	TOP_ELEV_M	REMARKS	EASTING	NORTHING	PER.ELEV.	OBST	DIST_FROM APP_M
1	TREE	05° 47' 11.759" N	101° 08' 17.005" E	253.63	WITHIN APP.07	736762.125	640050.469	234.05	18.97	1,036.860
2	TREE	05° 46' 57.634" N	101° 08' 03.248" E	275.27	WITHIN APP.07	736340.356	639624.856	244.96	29.71	1,043.196
3	ANTENNA	05° 46' 15.460" N	101° 02' 56.787" E	387.41	WITHIN APP.07	728760.546	638301.187	374.65	12.14	9,229.317
4	ANTENNA	05° 45' 44.818" N	101° 04' 04.537" E	423.26	WITHIN APP.07	729002.465	637360.405	374.65	47.99	9,248.668
5	ANTENNA	05° 45' 42.640" N	101° 04' 03.493" E	383.82	WITHIN APP.07	728970.592	637293.352	374.65	8.56	9,300.392
6	GROUND ELEVATION	05° 46' 15.230" N	101° 03' 28.109" E	379*	WITHIN APP.07	727878.045	638290.748	374.65	3.35	10,094.640
7	GROUND ELEVATION	05° 45' 49.660" N	101° 02' 15.929" E	432*	WITHIN APP.07	727538.070	637503.755	374.65	56.35	10,639.109
8	GROUND ELEVATION	05° 44' 47.404" N	101° 02' 57.997" E	517*	WITHIN APP.07	726961.080	635588.936	374.65	141.35	11,729.959
9	GROUND ELEVATION	05° 44' 35.744" N	101° 03' 43.298" E	546*	WITHIN APP.07	726510.014	635229.061	374.65	170.35	12,351.224
10	GROUND ELEVATION	05° 48' 03.014" N	101° 11' 39.227" E	415*	WITHIN APP.25	742979.366	641674.086	318.47	95.53	5,366.625
11	GROUND ELEVATION	05° 48' 45.420" N	101° 13' 08.722" E	644*	WITHIN APP.25	745728.498	642972.973	368.56	274.44	8,393.929
12	GROUND ELEVATION	05° 49' 19.240" N	101° 14' 47.617" E	954*	WITHIN APP.25	748767.849	644024.272	368.56	584.44	11,609.852
13	TREE	05° 47' 21.860" N	101° 08' 33.910" E	264.50	T.S.	737281.199	640372.805	246.54	17.35	492.719
14	TREE	05° 47' 25.490" N	101° 08' 45.936" E	265.59	T.S.	737496.076	640484.995	251.11	13.87	326.548
15	TREE	05° 47' 26.546" N	101° 08' 44.058" E	264.48	T.S.	737552.951	640517.963	250.80	13.07	275.548
16	TREE	05° 47' 24.930" N	101° 08' 49.663" E	255.90	T.S.	737765.648	640468.975	235.77	19.52	162.687
17	TREE	05° 47' 26.359" N	101° 08' 52.950" E	251.54	T.S.	737866.630	640513.236	236.78	14.15	228.605
18	TREE	05° 47' 27.230" N	101° 08' 58.370" E	238.86	T.S.	738039.481	640540.063	231.87	6.38	357.165
19	TREE	05° 47' 31.796" N	101° 09' 06.622" E	246.09	T.S.	738348.297	640662.152	233.98	11.45	690.179
20	TREE	05° 47' 35.818" N	101° 09' 14.891" E	250.68	T.S.	738640.743	640806.467	239.87	10.20	919.285
21	TREE	05° 47' 37.471" N	101° 09' 20.307" E	256.14	T.S.	738707.241	640867.895	254.53	1.53	1,088.000
22	TREE	05° 47' 38.429" N	101° 09' 26.797" E	248.27	T.S.	738906.557	640918.026	239.59	8.08	1,291.228
23	TREE	05° 47' 03.302" N	101° 08' 22.159" E	249.75	T.S.	736921.725	639801.204	232.82	16.33	986.777
24	ELECTRIC POLE 1 (AIRPORT)	05° 47' 11.442" N	101° 08' 47.334" E	251.16	T.S.	737695.525	640054.261	244.21	6.34	262.677
25	ELECTRIC POLE 2 (AIRPORT)	05° 47' 11.905" N	101° 08' 48.702" E	251.28	T.S.	737737.563	640068.427	244.30	6.37	239.829
26	ELECTRIC POLE 3 (AIRPORT)	05° 47' 12.410" N	101° 08' 50.089" E	251.34	T.S.	737780.193	640084.332	244.28	6.45	222.262
27	ELECTRIC POLE 4 (AIRPORT)	05° 47' 12.913" N	101° 08' 51.460" E	251.18	T.S.	737822.320	640099.941	244.25	6.32	213.064
28	ANTENNA	05° 47' 28.962" N	101° 09' 48.705" E	261.71	T.S.	739582.149	640599.764	257.06	4.03	1,836.332
29	GROUND ELEVATION	05° 46' 19.729" N	101° 06' 54.611" E	360*	I.H.S.	734232.946	638329.369	269.65	94.35	4,051.541
30	GROUND ELEVATION	05° 46' 11.105" N	101° 07' 23.196" E	354*	I.H.S.	735113.171	638190.549	269.65	83.35	3,395.903
31	GROUND ELEVATION	05° 45' 44.840" N	101° 07' 35.856" E	337*	I.H.S.	735505.793	637384.982	269.65	66.35	3,695.708
32	GROUND ELEVATION	05° 45' 54.722" N	101° 08' 12.511" E	418*	I.H.S.	736632.726	637692.832	269.65	147.35	2,849.989
33	GROUND ELEVATION	05° 46' 09.930" N	101° 08' 27.122" E	329*	I.H.S.	737080.663	638161.624	269.65	58.35	2,252.648
34	ANTENNA	05° 46' 44.390" N	101° 08' 54.301" E	293.31	I.H.S.	737913.089	639223.994	269.65	23.05	1,091.833
35	GROUND ELEVATION	05° 46' 07.286" N	101° 09' 50.652" E	432*	I.H.S.	739651.631	638090.283	265.38	165.62	2,907.511
36	GROUND ELEVATION	05° 45' 44.354" N	101° 10' 17.967" E	447*	I.H.S.	740495.006	637388.851	263.56	182.44	3,992.562
37	GROUND ELEVATION	05° 46' 28.502" N	101° 09' 54.114" E	342*	I.H.S.	739750.687	638742.623	263.56	77.44	2,527.938
38	ANTENNA	05° 47' 05.131" N	101° 07' 12.207" E	283.26	I.H.S.	734768.796	639849.336	272.96	9.70	3,030.218
39	ANTENNA	05° 47' 05.721" N	101° 07' 11.426" E	293.69	I.H.S.	734744.700	639867.384	273.29	19.80	3,056.397
40	GROUND ELEVATION	05° 47' 58.129" N	101° 07' 37.520" E	319*	I.H.S.	735755.687	639742.623	269.65	49.35	2,518.335
41	GROUND ELEVATION	05° 48' 14.119" N	101° 08' 17.111" E	316*	I.H.S.	736758.176	641976.619	269.65	45.35	1,952.552
42	GROUND ELEVATION	05° 49' 01.903" N	101° 09' 48.380" E	378*	I.H.S.	739561.243	643455.586	263.56	113.44	3,623.322
43	GROUND ELEVATION	05° 49' 12.939" N	101° 10' 27.270" E	425*	I.H.S.	740756.719	643799.294	263.56	160.44	4,596.170
44	GROUND ELEVATION	05° 45' 01.279" N	101° 06' 31.398" E	336*	C.S.	733521.335	637575.467	298.62	36.38	5,050.128
45	GROUND ELEVATION	05° 44' 50.548" N	101° 07' 05.287" E	340*	C.S.	734571.196	637513.261	324.14	14.86	5,596.865
46	GROUND ELEVATION	05° 44' 52.399" N	101° 07' 39.912" E	406*	C.S.	735636.597	637774.088	297.55	107.45	5,009.006
47	GROUND ELEVATION	05° 44' 48.648" N	101° 08' 24.736" E	395*	C.S.	737016.558	637663.989	286.39	97.61	4,702.992
48	GROUND ELEVATION	05° 44' 23.519" N	101° 08' 20.057" E	489*	C.S.	736875.755	634891.320	326.42	160.58	5,488.258
49	GROUND ELEVATION	05° 44' 25.811" N	101° 10' 16.940" E	693*	C.S.	740472.503	634975.280	357.32	334.68	5,977.191
50	GROUND ELEVATION	05° 46' 23.711" N	101° 11' 19.011" E	479*	C.S.	742369.025	638605.380	265.55	212.45	4,904.046
51	GROUND ELEVATION	05° 47' 07.607" N	101° 12' 41.310" E	692*	C.S.	744896.671	639957.886	308.26	332.74	7,130.770
52	GROUND ELEVATION	05° 47' 12.188" N	101° 11' 55.029" E	499*	C.S.	743471.756	640099.270	286.69	211.31	5,706.101
53	GROUND ELEVATION	05° 47' 09.516" N	101° 09' 32.529" E	365*	C.S.	737100.827	639972.709	349.43	14.57	6,077.750
54	GROUND ELEVATION	05° 47' 19.312" N	101° 06' 09.018" E	380*	C.S.	732822.587	640277.849	295.98	83.02	4,949.908
55	GROUND ELEVATION	05° 47' 54.042" N	101° 05' 39.305" E	495*	C.S.	731904.281	641341.577	344.98	149.02	5,955.796
56	GROUND ELEVATION	05° 47' 54.375" N	101° 06' 15.502" E	380*	C.S.	733030.991	641355.997	291.94	92.06	4,853.291
57	GROUND ELEVATION	05° 48' 18.293" N	101° 06' 40.263" E	369*	C.S.	733777.365	642093.691	272.82	95.18	4,373.911
58	GROUND ELEVATION	05° 48' 41.709" N	101° 06' 58.917" E	428*	C.S.	734348.727	642815.339	270.57	156.43	4,242.194
59	GROUND ELEVATION	05° 49' 00.815" N	101° 06' 25.416" E	376*	C.S.	733315.610	643398.839	327.90	47.10	5,422.001
60	GROUND ELEVATION	05° 49' 36.658" N	101° 06' 36.367" E	373*	C.S.	733648.480	644501.128	355.55	16.45	5,880.340
61	GROUND ELEVATION	05° 50' 03.167" N	101° 07' 22.714" E	398*	C.S.	735071.627	645319.167	354.66	42.34	5,882.676
62	GROUND ELEVATION	05° 49' 49.736" N	101° 11' 43.796" E	426*	C.S.	743107.274	644939.094	358.30	66.70	7,068.857

SCALE 1 : 100,000

1,000 0 1,000 2,000 3,000 4,000 5,000 METRES
3,000 0 3,000 6,000 9,000 12,000 15,000 FEET

LEGEND	
AERODROME REFERENCE POINT 5° 47' 19.64" N 101° 08' 49.77"E	
INTERNATIONAL BOUNDERY LINE	
ROAD	
RIVER, CANAL	
CONTOUR	
TREE	
ANTENNA	
VILLAGE	
BUILDING OR LARGE STRUCTURE	
GROUND ELEVATION	NO. (ELEV)

ORDER OF ACCURACY	
HORIZONTAL	1 M
VERTICAL	0.5 M

NOTE :
1. ALL OBSTACLES SHOWN WHICH ARE PENETRATE SURFACE SPECIFIED IN ANNEX 14 VOL-1,CHAPTER-1&GSR.
2. TORA FOR RWY 07 IS 1800 m.
   TORA FOR RWY 25 IS 1800 m.
3. TO BRING OUT THE CLARIFY IN THE OBSTACLES DEPICTED IN THE APROACH AND TAKE-OFF SURFACE, ONLY HIGHER.
4. ALL OBSTACLES ARE SHOWN IN THE CHART ARE BASED ON AERONAUTICAL SURVEY MARCH 2020.
5. TOPOGRAPHIC FEATURES SOURCE - WORLD TOPO MAP ESPI.
6. CONTOUR SOURCE - SRTM DATA.

AMENDENT RECORD

No.	DATE	ENTERED BY

CHANGE: NEW CHART.

INTENTIONALLY BLANK

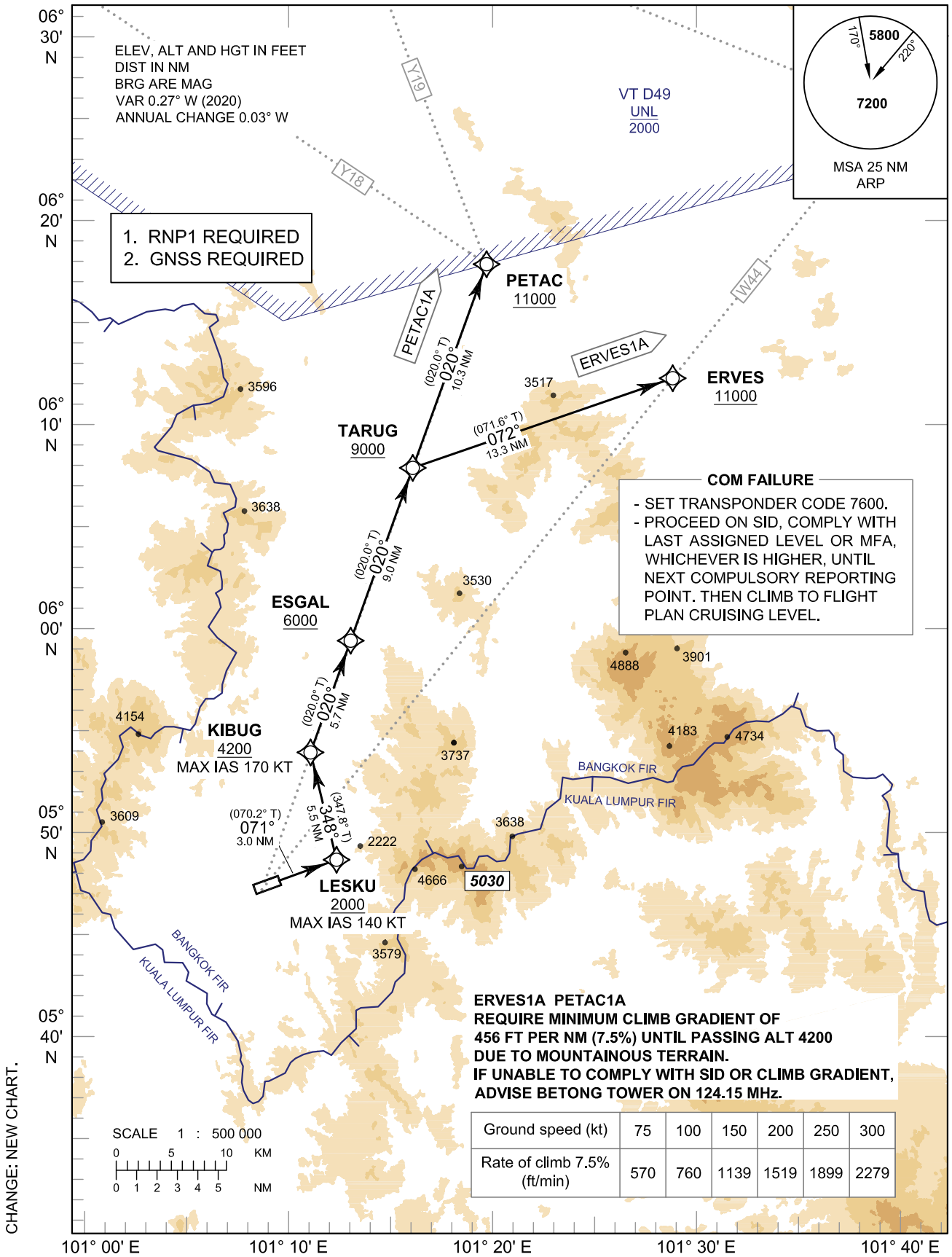
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
11000

APP : 125.55
TWR : 124.15, 236.6
GND : 122.15
ATIS : 128.50

YALA / Betong (VTSY)
RNAV RWY07

ERVES1A PETAC1A



Ground speed (kt)	75	100	150	200	250	300
Rate of climb 7.5% (ft/min)	570	760	1139	1519	1899	2279

STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

YALA / Betong (VTSY)
RNAV RWY07

ERVES1A PETAC1A

TABULAR DESCRIPTION

RNAV RWY07											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
ERVES1A											
010	-	DER RWY07	-	-	+0.27	-	-	-	-	-	RNP 1
020	CF	LESKU	-	071°(070.2°)	+0.27	3.0	-	+2000	-140	-	RNP 1
030	TF	KIBUG	-	348°(347.8°)	+0.27	5.5	-	+4200	-170	-	RNP 1
040	TF	ESGAL	-	020°(020.0°)	+0.27	5.7	-	+6000	-	-	RNP 1
050	TF	TARUG	-	020°(020.0°)	+0.27	9.0	-	+9000	-	-	RNP 1
060	TF	ERVES	-	072°(071.6°)	+0.27	13.3	-	+11000	-	-	RNP 1
PETAC1A											
010	-	DER RWY07	-	-	+0.27	-	-	-	-	-	RNP 1
020	CF	LESKU	-	071°(070.2°)	+0.27	3.0	-	+2000	-140	-	RNP 1
030	TF	KIBUG	-	348°(347.8°)	+0.27	5.5	-	+4200	-170	-	RNP 1
040	TF	ESGAL	-	020°(020.0°)	+0.27	5.7	-	+6000	-	-	RNP 1
050	TF	TARUG	-	020°(020.0°)	+0.27	9.0	-	+9000	-	-	RNP 1
060	TF	PETAC	-	020°(020.0°)	+0.27	10.3	-	+11000	-	-	RNP 1

WAYPOINT LIST

RNAV RWY07	
Waypoint Identifier	Coordinates
DER RWY07	05° 47' 33.96" N 101° 09' 29.53" E
ERVES	06° 12' 07.88" N 101° 28' 53.20" E
ESGAL	05° 59' 24.18" N 101° 13' 06.39" E
KIBUG	05° 54' 01.26" N 101° 11' 08.97" E
LESKU	05° 48' 35.15" N 101° 12' 19.48" E
PETAC	06° 17' 39.82" N 101° 19' 45.08" E
TARUG	06° 07' 54.03" N 101° 16' 11.86" E

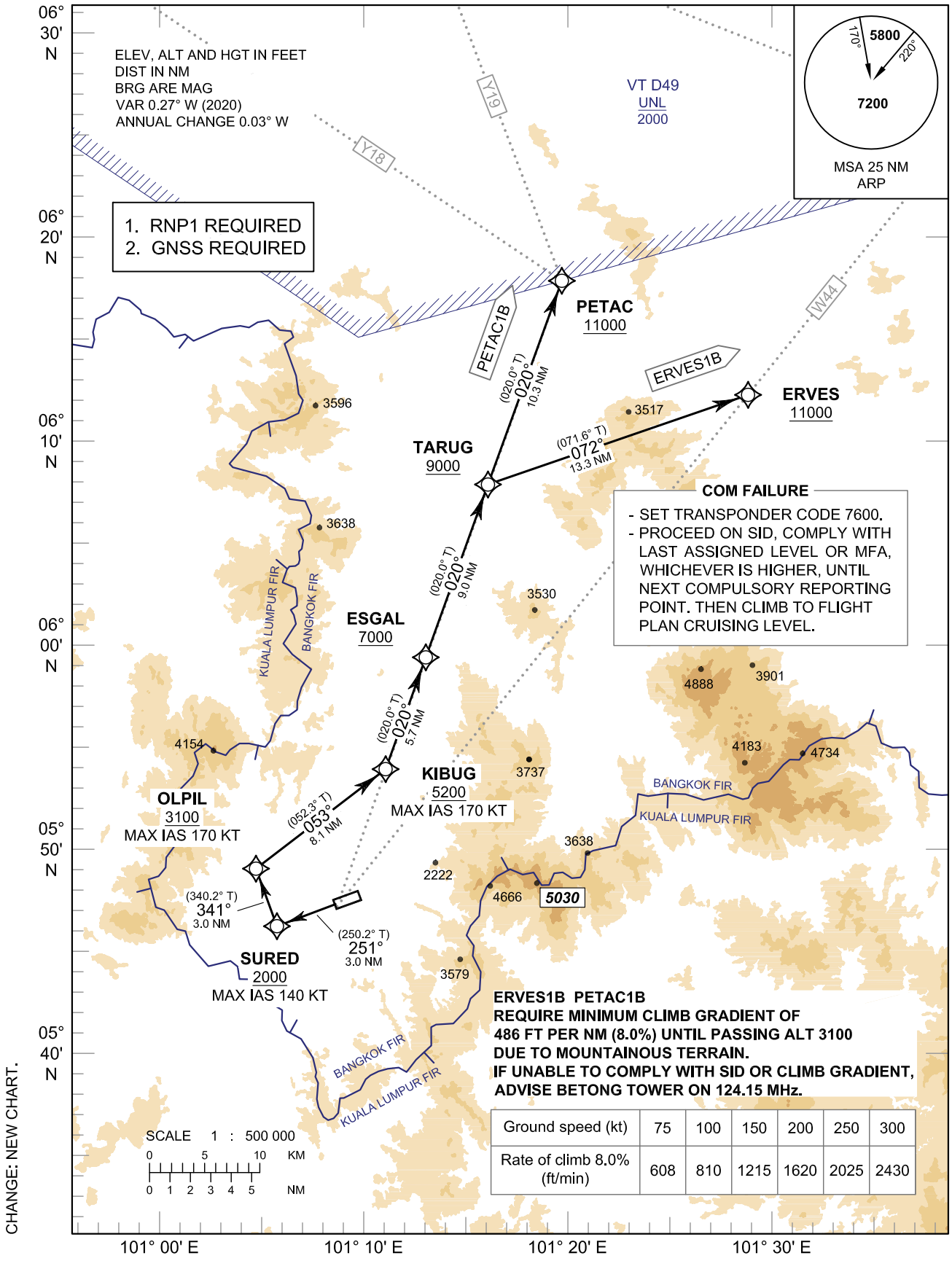
STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

TRANSITION ALTITUDE
11000

APP : 125.55
TWR : 124.15, 236.6
GND : 122.15
ATIS : 128.50

YALA / Betong (VTSY)
RNAV RWY25

ERVES1B PETAC1B



Ground speed (kt)	75	100	150	200	250	300
Rate of climb 8.0% (ft/min)	608	810	1215	1620	2025	2430

CHANGE: NEW CHART.

STANDARD DEPARTURE CHART
INSTRUMENT (SID) - ICAO

YALA / Betong (VTSY)
RNAV RWY25

ERVES1B PETAC1B

TABULAR DESCRIPTION

RNAV RWY25											
Serial Number	Path Descriptor	Waypoint Identifier	Flyover	Course ° M (° T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (FT)	Speed (KT)	VPA/ TCH	Navigation Specification
ERVES1B											
010	-	DER RWY25	-	-	+0.27	-	-	-	-	-	RNP 1
020	CF	SURED	-	251°(250.2°)	+0.27	3.0	-	+2000	-140	-	RNP 1
030	TF	OLPIL	-	341°(340.2°)	+0.27	3.0	-	+3100	-170	-	RNP 1
040	TF	KIBUG	-	053°(052.3°)	+0.27	8.1	-	+5200	-170	-	RNP 1
050	TF	ESGAL	-	020°(020.0°)	+0.27	5.7	-	+7000	-	-	RNP 1
060	TF	TARUG	-	020°(020.0°)	+0.27	9.0	-	+9000	-	-	RNP 1
070	TF	ERVES	-	072°(071.6°)	+0.27	13.3	-	+11000	-	-	RNP 1
PETAC1B											
010	-	DER RWY25	-	-	+0.27	-	-	-	-	-	RNP 1
020	CF	SURED	-	251°(250.2°)	+0.27	3.0	-	+2000	-140	-	RNP 1
030	TF	OLPIL	-	341°(340.2°)	+0.27	3.0	-	+3100	-170	-	RNP 1
040	TF	KIBUG	-	053°(052.3°)	+0.27	8.1	-	+5200	-170	-	RNP 1
050	TF	ESGAL	-	020°(020.0°)	+0.27	5.7	-	+7000	-	-	RNP 1
060	TF	TARUG	-	020°(020.0°)	+0.27	9.0	-	+9000	-	-	RNP 1
070	TF	PETAC	-	020°(020.0°)	+0.27	10.3	-	+11000	-	-	RNP 1

WAYPOINT LIST

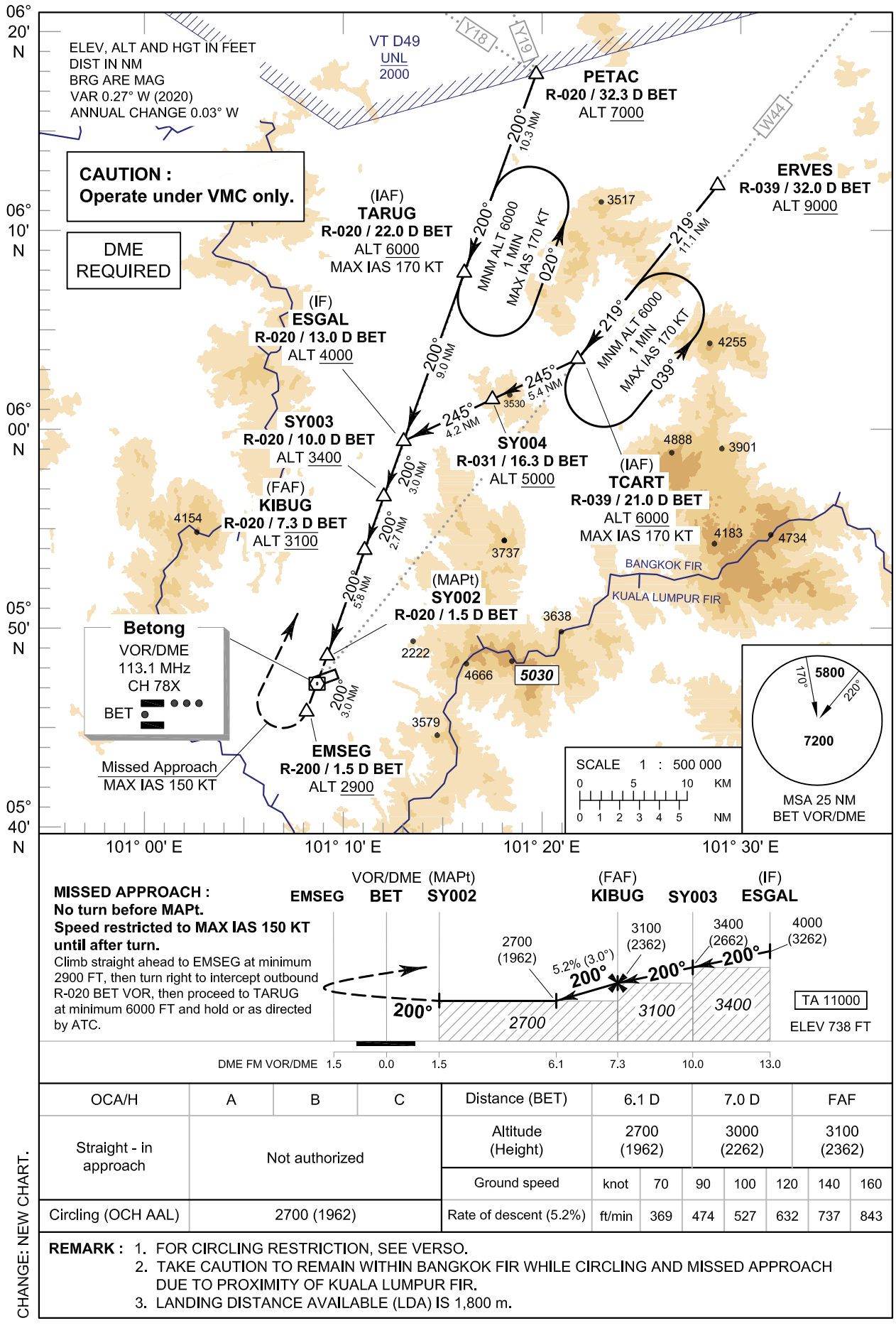
RNAV RWY25	
Waypoint Identifier	Coordinates
DER RWY25	05° 47' 14.13" N 101° 08' 34.47" E
ERVES	06° 12' 07.88" N 101° 28' 53.20" E
ESGAL	05° 59' 24.18" N 101° 13' 06.39" E
KIBUG	05° 54' 01.26" N 101° 11' 08.97" E
OLPIL	05° 49' 03.10" N 101° 04' 43.36" E
PETAC	06° 17' 39.82" N 101° 19' 45.08" E
SURED	05° 46' 12.92" N 101° 05' 44.54" E
TARUG	06° 07' 54.03" N 101° 16' 11.86" E

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 738 FT
HEIGHTS RELATED TO AERODROME ELEV

APP : 125.55
TWR : 124.15, 236.6
GND : 122.15
ATIS : 128.50

YALA / Betong (VTSY)
VOR a



MISSED APPROACH :
No turn before MAPt.
Speed restricted to MAX IAS 150 KT until after turn.
Climb straight ahead to EMSEG at minimum 2900 FT, then turn right to intercept outbound R-020 BET VOR, then proceed to TARUG at minimum 6000 FT and hold or as directed by ATC.

OCA/H	A	B	C
Straight - in approach	Not authorized		
Circling (OCH AAL)	2700 (1962)		

Distance (BET)	6.1 D	7.0 D	FAF
Altitude (Height)	2700 (1962)	3000 (2262)	3100 (2362)

Ground speed	knot	70	90	100	120	140	160
Rate of descent (5.2%)	ft/min	369	474	527	632	737	843

REMARK : 1. FOR CIRCLING RESTRICTION, SEE VERSO.
2. TAKE CAUTION TO REMAIN WITHIN BANGKOK FIR WHILE CIRCLING AND MISSED APPROACH DUE TO PROXIMITY OF KUALA LUMPUR FIR.
3. LANDING DISTANCE AVAILABLE (LDA) IS 1,800 m.

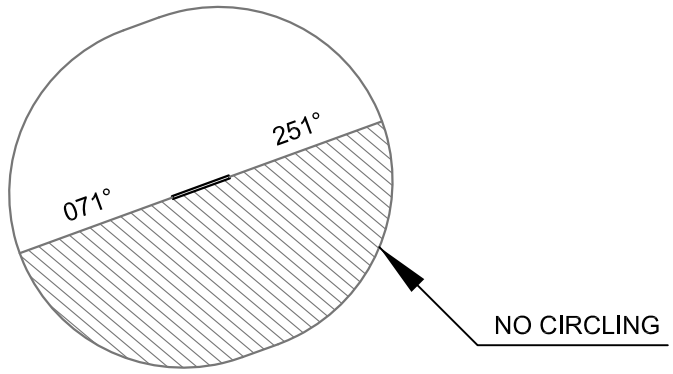
CHANGE: NEW CHART.

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 738 FT
HEIGHTS RELATED TO AERODROME ELEV

YALA / Betong (VTSY)
VOR a

FIX / POINT		COORDINATES	
ERVES	R-039 / 32.0 D BET	06° 12' 07.88" N	101° 28' 53.20" E
PETAC	R-020 / 32.3 D BET	06° 17' 39.82" N	101° 19' 45.08" E
(IAF) TARUG	R-020 / 22.0 D BET	06° 07' 54.03" N	101° 16' 11.86" E
(IAF) TCART	R-039 / 21.0 D BET	06° 03' 30.16" N	101° 21' 53.78" E
SY004	R-031 / 16.3 D BET	06° 01' 11.86" N	101° 16' 57.21" E
(IF) ESGAL	R-020 / 13.0 D BET	05° 59' 24.18" N	101° 13' 06.39" E
SY003	R-020 / 10.0 D BET	05° 56' 34.22" N	101° 12' 04.58" E
(FAF) KIBUG	R-020 / 7.3 D BET	05° 54' 01.26" N	101° 11' 08.97" E
(MAPt) SY002	R-020 / 1.5 D BET	05° 48' 32.67" N	101° 09' 09.54" E
VOR	BET	05° 47' 07.68" N	101° 08' 38.65" E
EMSEG	R-200 / 1.5 D BET	05° 45' 42.70" N	101° 08' 07.77" E

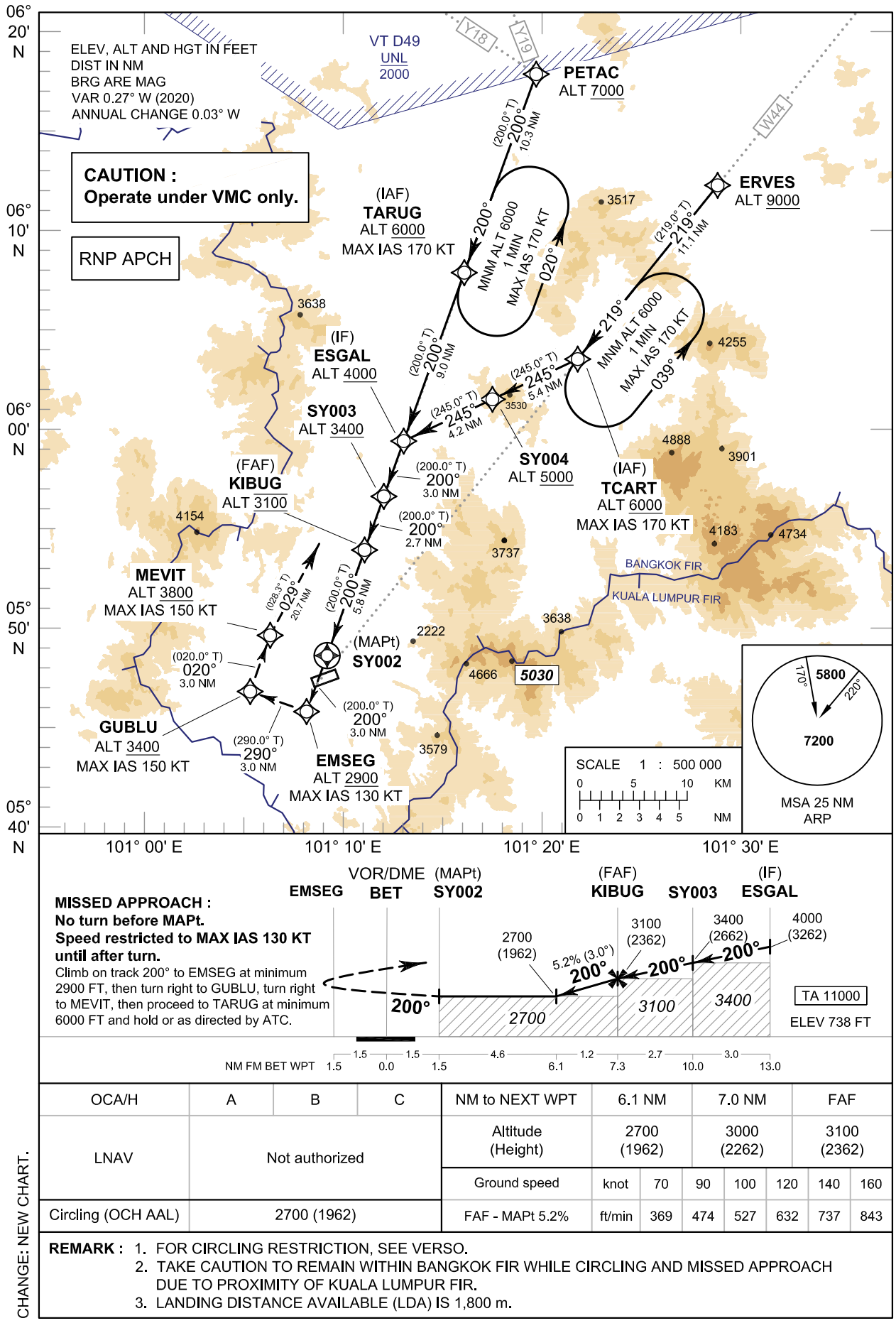


INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 738 FT
HEIGHTS RELATED TO AERODROME ELEV

APP : 125.55
TWR : 124.15, 236.6
GND : 122.15
ATIS : 128.50

YALA / Betong (VTSY)
RNP a



MISSED APPROACH :
No turn before MAPt.
Speed restricted to MAX IAS 130 KT until after turn.
Climb on track 200° to EMSEG at minimum 2900 FT, then turn right to GUBLU, turn right to MEVIT, then proceed to TARUG at minimum 6000 FT and hold or as directed by ATC.

OCA/H	A	B	C
LNAV	Not authorized		
Circling (OCH AAL)	2700 (1962)		

NM to NEXT WPT	6.1 NM		7.0 NM			FAF	
Altitude (Height)	2700 (1962)		3000 (2262)			3100 (2362)	
Ground speed	knot	70	90	100	120	140	160
FAF - MAPt 5.2%	ft/min	369	474	527	632	737	843

REMARK : 1. FOR CIRCLING RESTRICTION, SEE VERSO.
2. TAKE CAUTION TO REMAIN WITHIN BANGKOK FIR WHILE CIRCLING AND MISSED APPROACH DUE TO PROXIMITY OF KUALA LUMPUR FIR.
3. LANDING DISTANCE AVAILABLE (LDA) IS 1,800 m.

CHANGE: NEW CHART.

INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 738 FT
HEIGHTS RELATED TO
AERODROME ELEV

YALA / Betong (VTSY)
RNP a

TABULAR DESCRIPTION

RNP a											
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	ERVES	-	-	+0.27	-	-	+9000	-	-	RNP APCH
020	TF	TCART (IAF)	-	219°(219.0°)	+0.27	11.1	-	+6000	-170	-	RNP APCH
030	TF	SY004	-	245°(245.0°)	+0.27	5.4	-	+5000	-	-	RNP APCH
040	TF	ESGAL (IF)	-	245°(245.0°)	+0.27	4.2	-	+4000	-	-	RNP APCH
010	IF	PETAC	-	-	+0.27	-	-	+7000	-	-	RNP APCH
020	TF	TARUG (IAF)	-	200°(200.0°)	+0.27	10.3	-	+6000	-170	-	RNP APCH
030	TF	ESGAL (IF)	-	200°(200.0°)	+0.27	9.0	-	+4000	-	-	RNP APCH
010	IF	ESGAL (IF)	-	-	+0.27	-	-	+4000	-	-	RNP APCH
020	TF	SY003	-	200°(200.0°)	+0.27	3.0	-	+3400	-	-	RNP APCH
030	TF	KIBUG (FAF)	-	200°(200.0°)	+0.27	2.7	-	@3100	-	-	RNP APCH
040	TF	SY002 (MAPt)	Y	200°(200.0°)	+0.27	5.8	-	@2700	-	-	RNP APCH
050	CF	EMSEG	-	200°(200.0°)	+0.27	3.0	-	+2900	-130	-	RNP APCH
060	TF	GUBLU	-	290°(290.0°)	+0.27	3.0	-	+3400	-150	-	RNP APCH
070	TF	MEVIT	-	020°(020.0°)	+0.27	3.0	-	+3800	-150	-	RNP APCH
080	TF	TARUG (IAF)	-	029°(028.3°)	+0.27	20.7	-	+6000	-170	-	RNP APCH
090	HM	TARUG (IAF)	Y	200°(200.0°)	+0.27	1 minute	L	+6000	-170	-	RNP APCH

WAYPOINT LIST

RNP a	
Waypoint Identifier	Coordinates
EMSEG	05° 45' 42.70" N 101° 08' 07.77" E
ERVES	06° 12' 07.88" N 101° 28' 53.20" E
ESGAL	05° 59' 24.18" N 101° 13' 06.39" E
GUBLU	05° 46' 44.55" N 101° 05' 18.06" E
KIBUG	05° 54' 01.26" N 101° 11' 08.97" E
MEVIT	05° 49' 34.52" N 101° 06' 19.81" E
PETAC	06° 17' 39.82" N 101° 19' 45.08" E
SY002	05° 48' 32.67" N 101° 09' 09.54" E
SY003	05° 56' 34.22" N 101° 12' 04.58" E
SY004	06° 01' 11.86" N 101° 16' 57.21" E
TARUG	06° 07' 54.03" N 101° 16' 11.86" E
TCART	06° 03' 30.16" N 101° 21' 53.78" E