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AIR TRAFFIC MANAGEMENT DIVISION
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HONG KONG INTERNATIONAL AIRPORT

AIP SUPPLEMENT 08/24

03 OCT 2024

**AERONAUTICAL INFORMATION FOR THE CENTRE RUNWAY (RWY 07C/25C) OF
HONG KONG INTERNATIONAL AIRPORT**

EFFECTIVE DATE: 28 November 2024

AIRAC

1 Introduction

- 1.1 The Centre Runway (RWY 07C/25C) of Hong Kong International Airport is targeted to be commissioned by the end of 2024. The data contained in the Attachment to this AIP Supplement are applicable to the Centre Runway (RWY 07C/25C).
- 1.2 In accordance with the ICAO AIRAC procedures, the data published in this AIP Supplement will be effective from **0000 UTC on 28 November 2024**. **The actual commissioning date and time of the Centre Runway (RWY 07C/25C) will be announced in due course and further promulgated by NOTAM.**
- 1.3 In this connection, with effect from 0000 UTC on 28 November 2024, changes to the air navigation procedures, services and facilities applicable to the existing North Runway (RWY 07L/25R) and South Runway (RWY 07R/25L) will also be implemented. Respective changes to the aeronautical information are promulgated by AIP Amendment 11/24.
- 1.4 This AIP Supplement and AIP Amendment 11/24 replace the Three-Runway System Information Pack provided in AIC 19/24 dated 28 June 2024.
- 1.5 Operators shall ensure that the Navigation Database Cycle, which includes the aeronautical data and information published in this AIP Supplement and AIP Amendment 11/24, is uploaded to their aircraft timely for operational use by the effective date of 28 November 2024. Pilots are reminded to select the valid Navigation Database accordingly.

2 Details

- 2.1 The paragraph numbers in the Attachment to this AIP Supplement refer to the corresponding paragraph numbers in GEN, ENR and AD Sections of the AIP Hong Kong effective on 28 November 2024.
- 2.2 An “*insert*” or “*replace*” is shown after the paragraph number to denote if the new information is to be inserted into the existing text or to replace the one in the AIP Hong Kong respectively.

3 Cancellation

- 3.1 AIC 19/24 is hereby cancelled with immediate effect.
 - 3.2 The content of this AIP Supplement will remain effective until the data is incorporated into the AIP Hong Kong.
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PART 1 GENERAL (GEN)

GEN 3.5 METEOROLOGICAL SERVICES

9.2.1(replace) Prevailing visibility is included in METAR/SPECI as described in Note 1) of para 13.1. To provide pilots with an overall picture of visibility, when any one of the nine RVR values is lower than 1 500 m or the prevailing visibility is lower than 3 000 m, the prevailing visibility will also be given on ATIS.

13.1(replace) Notes

1) VHHH METAR/SPECI and Forecasts, wind information refers to the mid anemometer of RWY 07L/25R and the visibility refers to the prevailing visibility observed by the Weather Observer at one or more of the locations including S-AMO at Level T3 of S-TWR, AAMO at Level T2 of N-TWR, and N-AMO at Level T2 of NAT or at the ground level of the respective offices when deemed necessary, making reference to the measurements of the nine forward scatterers along the north, centre and south runways.

PART 3 AERODROMES (AD)**VHHH AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATION DATA**

2 (replace)	<p><i>Taxiway width</i></p> <p><i>Taxiway surface</i></p> <p><i>Taxiway strength</i></p>	<p>All TWYs (except A1, A2, A4, A9, A11, A12, B1 – B3, B10 – B12, C, C1 - C12, D, D1, D4, D5, D7, D8, E, E2, E3, F, F1 – F8, J2, Q1, Q2, T, V4, Y, Z, Z1, Z2, Z3) : Width 29 m TWYs A1, A2, A4, A9, A11, A12, B1 – B3, B10 – B12, C, C1 - C12, D, D1, D4, D5, D7, D8, E, E2, E3, F, F1 – F8, J2, Y, Z, Z1, Z2, Z3: Width 25 m TWYs Q1, Q2: Width 10.5 m TWY T: Width 27 m TWY V4: Width 60 m</p> <p>All TWYs : Asphalt</p> <p>All TWYs : Refer to pavement diagram on page AD 2-VHHH-ADC-5</p>
5 (replace)	<p><i>Remarks</i></p>	<p>Straight sections of taxiway at the ends of bridges on TWYs V, V4, W, S, T, D and E are not available at:</p> <ul style="list-style-type: none">a) junction of TWY H and TWY V;b) junction of TWY V and TWY V4;c) junction of TWY V4 and TWY W;d) junction of TWY W and TWY H;e) junction of TWY W and TXL W2;f) junction of TWY S and TWY H;g) junction of TWY T and TWY H;h) Junction of TWY D and TWY E.

VHHH AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

2 (replace)	RWY and TWY markings and LGT	<p>RWY markings - RWY designation, THR, TDZ, centreline, aiming point marking and side stripe.</p> <p>RWY LGT - THR, TDZ, centreline, wing bars, RETIL, RWY edge and end lights.</p> <p>TWY markings - TWY Centre-line, edge, TWY intermediate holding positions. (See Remark 2)</p> <p>TWY LGT - Centre-line, edge lights on some sections and TWY intermediate holding position lights.</p>
3 (replace)	Stop bars	<p>All stop bars lit. (See Remark 3)</p> <p>Crossing of illuminated stop bars is prohibited. Aircraft and vehicles may cross stop bars only when ATC has given permission to proceed and the stop bar lights are switched off.</p>
4 (insert)	Variable Message Sign (VMS)	<p>VMS are installed at the entrances of TWY B1 and B12 with two display options depending on the use of RWY 07C/25C:</p> <ol style="list-style-type: none"> a) Direction sign will be displayed when TWY B1 or TWY B12 is available; b) No entry sign will be displayed when entries to TWY B1 or TWY B12 are not available.
5 (replace)	Remarks	<ol style="list-style-type: none"> 1. Follow nosewheel guidance lines when taxiing on apron and taxiways, and entering/exiting the runway. 2. Runway holding position markings and stop bars are applied at the entrances of TWY B1 and TWY B12 to safeguard RWY 07C/25C from taxiing aircraft via TWY B1 or TWY B12 depending on the use of RWY 07C/25C. 3. Stop bars at the entrances of TWY B1 and TWY B12 will be illuminated depending on the use of RWY 07C/25C. 4. Stop bars at runway holding positions E9, F9, E11 and F11 will be illuminated depending on the use of RWY 07C/25C.

VHHH AD 2.10 AERODROME OBSTACLES

1 (replace) Obstacles in Approach/Take-off Area

- 1.1 RWY 07L Approach, RWY 07C Approach, RWY 07R Approach, RWY 25L Approach, RWY 25C Approach and RWY 25R Approach - NIL
- 1.2 RWY 07L Take-off, RWY 07C Take-off, RWY 07R Take-off, RWY 25L Take-off, RWY 25C Take-off and RWY 25R Take-off - NIL

2 (replace) On-Airport Obstacles

NOTE 1 : All obstacles elevations are rounded up to the next foot.

NOTE 2 : Sky Bridge extends across and above Taxiway B7 between Passenger Terminal Building and T1 Satellite Concourse in the proximity of Stand N12 and Stand R16. Height clearance 28 metres for aircraft to taxi underneath.

No	Type of Obstacle	Elevation (FT AMSL)	Lit	Co-ordinates
1	AnemometerA1	53.2	LGTD	221826.9N 1135545.9E
2	AnemometerA2	47.3	LGTD	221804.7N 1135502.5E
3	AnemometerA3	53.5	LGTD	221748.5N 1135412.2E
4	AnemometerA4	51.9	LGTD	221912.9N 1135523.1E
5	AnemometerA5	49.2	LGTD	221859.7N 1135443.0E
6	AnemometerA6	52.0	LGTD	221848.6N 1135407.4E
7	AnemometerA7	55.0	LGTD	221954.6N 1135436.9E
8	AnemometerA8	50.9	LGTD	221940.1N 1135351.9E
9	AnemometerA9	54.9	LGTD	221925.6N 1135307.0E
10	AnemometerA10	53.5	LGTD	221819.0N 1135547.0E
11	AnemometerA11	48.6	LGTD	221808.1N 1135514.0E
12	AnemometerA12	49.2	LGTD	221903.3N 1135454.6E
13	ATC Control Tower Building	282.9	LGTD	221838.1N 1135516.8E
14	Back-up ATC Control Tower Building	200.6	LGTD	221842.9N 1135515.6E
15	Forward ScatterR11	30.2	LGTD	221820.5N 1135548.9E
16	Forward ScatterR21	23.6	LGTD	221806.8N 1135503.5E
17	Forward ScatterR33	29.9	LGTD	221748.8N 1135411.1E
18	Forward Scatter R41	30.6	LGTD	221911.5N 1135523.6E
19	Forward Scatter R51	29.2	LGTD	221858.7N 1135444.2E
20	Forward Scatter R63	30.7	LGTD	221847.1N 1135408.0E
21	Forward ScatterR71	31.6	LGTD	221953.2N 1135437.4E
22	Forward ScatterR81	30.3	LGTD	221938.7N 1135352.4E
23	Forward ScatterR93	31.8	LGTD	221924.3N 1135307.5E
24	NAT Control Tower Building	335.1	LGTD	221924.6N 1135454.2E
25	Radar Rain ReflectorR2	26.8		221832.4N 1135605.8E

26	Radar Rain ReflectorR3	20.1		221803.4N 1135434.6E
27	Radar Rain ReflectorR7	19.2		221809.7N 1135518.5E
28	RVR TransmissometerR12	30.8	LGTD	221820.5N 1135548.8E
29	RVR TransmissometerR13	30.8	LGTD	221820.2N 1135547.8E
30	RVR TransmissometerR22	24.3	LGTD	221806.6N 1135503.2E
31	RVR TransmissometerR23	24.3	LGTD	221806.3N 1135502.1E
32	RVR TransmissometerR31	29.5	LGTD	221749.8N 1135414.0E
33	RVR TransmissometerR32	29.5	LGTD	221749.4N 1135413.0E
34	RVR TransmissometerR42	30.4	LGTD	221911.4N 1135523.2E
35	RVR TransmissometerR43	30.5	LGTD	221911.1N 1135522.2E
36	RVR TransmissometerR52	29.3	LGTD	221858.6N 1135443.8E
37	RVR TransmissometerR53	29.3	LGTD	221858.3N 1135442.8E
38	RVR TransmissometerR61	30.5	LGTD	221847.6N 1135409.3E
39	RVR TransmissometerR62	30.4	LGTD	221847.3N 1135408.3E
40	RVR TransmissometerR72	31.6	LGTD	221953.1N 1135437.0E
41	RVR TransmissometerR73	31.6	LGTD	221952.8N 1135436.1E
42	RVR TransmissometerR82	30.3	LGTD	221938.6N 1135352.1E
43	RVR TransmissometerR83	30.3	LGTD	221938.3N 1135351.1E
44	RVR TransmissometerR91	31.7	LGTD	221924.7N 1135308.8E
45	RVR TransmissometerR92	31.7	LGTD	221924.4N 1135307.8E
46	RWY 07C GP Aerial	65.7	LGTD	221848.0N 1135405.7E
47	RWY 07L GP Aerial	67.3	LGTD	221925.1N 1135305.4E
48	RWY 07R GP Aerial	77.5	LGTD	221747.8N 1135409.5E
49	RWY 25C GP Aerial	66.1	LGTD	221913.4N 1135524.7E
50	RWY 25L GP Aerial	77.7	LGTD	221819.9N 1135549.2E
51	RWY 25R GP Aerial	67.1	LGTD	221955.2N 1135438.6E
52	Sky Bridge (Note 2)	167.0	LGTD	221857.7N 1135553.3E
53	Wind Direction IndicatorIWDI1E	40.1	LGTD	221827.6N 1135546.7E
54	Wind Direction IndicatorIWDI2E	25.7	LGTD	221947.9N 1135441.6E
55	Wind Direction IndicatorIWDI3E	34.5	LGTD	221905.7N 1135526.5E
56	Wind Direction IndicatorIWDI1W	37.8	LGTD	221755.0N 1135405.4E
57	Wind Direction IndicatorIWDI2W	25.4	LGTD	221917.5N 1135307.4E
58	Wind Direction IndicatorIWDI3W	34.6	LGTD	221840.6N 1135410.8E

VHHH AD 2.12 (insert) RUNWAY PHYSICAL CHARACTERISTICS

1	2	3	4	5	6
<i>RWY Designator</i>	<i>True and MAG BRG</i>	<i>Dimensions of RWY (m)</i>	<i>Strength (PCR) and surface of RWY - SWY</i>	<i>THR Co-ordinates</i>	<i>THR ELEV and highest point of TDZ of Precision APP RWY</i>
07C	070.90°T 073.90°M	3800 x 60	PCR 720/F/B/W/T Asphalt	221840.58N 1135356.64E	22.3FT 22.4FT
25C	250.90°T 253.90°M	3800 x 60	PCR 720/F/B/W/T Asphalt	221912.85N 1135536.78E	22.0FT 21.8FT
7	8	9	10	11	12
<i>Slope of RWY- SWY</i>	<i>SWY dimensions (m)</i>	<i>CWY dimensions (m)</i>	<i>Strip dimensions (m)</i>	<i>OFZ</i>	<i>Remarks</i>
07C: NIL	NIL	178 x 150	3920 x 300	Yes	Full length of RWY is grooved RESA 240 x 150 m
25C: NIL	NIL	178 x 150	3920 x 300	Yes	Full length of RWY is grooved RESA 240 x 150 m

VHHH AD 2.13 (insert) DECLARED DISTANCES

1	2	3	4	5	6
<i>RWY Designator</i>	<i>TORA (m)</i> <i>(Note 8, 9, 10, 11 & 12)</i>	<i>TODA (m)</i> <i>(Note 8, 9, 10, 11 & 12)</i>	<i>ASDA (m)</i> <i>(Note 8, 9, 10, 11 & 12)</i>	<i>LDA (m)</i>	<i>Remarks</i>
07C	3800	3978	3800	3629	THR displaced by 171 m from start of RWY 07C TORA/ASDA, i.e. TWY A1 or TWY F1. (Note 13) When entering RWY from TWY A4 the TORA/ASDA is 3014 m.
25C	3800	3978	3800	3629	THR displaced by 171 m from start of RWY 25C TORA/ASDA, i.e. TWY A12 or TWY F8. (Note 14) When entering RWY from TWY A9 the TORA/ASDA is 3249 m.

Note 8 (replace): The TORA/ASDA when entering RWY from taxiways A4, A9, C3, C10, J3, J9, K2 and K6 is measured from the intersection of the lead-on taxiway centreline and runway centreline.

Note 9 (insert): The nosewheel guideline from lead-on taxiway A1 and F1 intersects the runway centreline 121 m from the commencement of the TORA/TODA/ASDA.

Note 10 (insert): The nosewheel guideline from lead-on taxiway A2 and F2 intersects the runway centreline 219 m from the commencement of the TORA/TODA/ASDA.

Note 11 (insert): The nosewheel guideline from lead-on taxiway A11 and F7 intersects the runway centreline 219 m from the commencement of the TORA/TODA/ASDA.

Note 12 (insert): The nosewheel guideline from lead-on taxiway A12 and F8 intersects the runway centreline 121 m from the commencement of the TORA/TODA/ASDA.

Note 13 (insert): The section of the runway with arrow markings between taxiways B2 or B3 and taxiways A1 or F1 shall not be used for RWY 07C landing and take-off.

Note 14 (insert): The section of the runway with arrow markings between taxiways A12 or F8 and taxiways B10 or B11 shall not be used for RWY 25C landing and take-off.

VHHH AD 2.14 (insert) APPROACH AND RUNWAY LIGHTING

1	2	3	4	5	6	7	8	9	10
RWY Designator	APCH LGT Type LEN (Note 1)	THR LGT colour WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY Centre Line LGT length, spacing, colour, INST	RWY edge LGT LEN, spacing, colour	RWY End LGT colour WBAR	SWY LGT LEN (M) colour	Remarks
07C	CAT II 900M LIH Sequenced strobe lights (2 flashes/sec) on centreline from 900M to 300M from THR	Green Green	PAPI 72.3FT LEFT SIDE 3°	900m	3800M, 15M FM 0 M-2900M White; FM 2900- 3500M Red/ White; FM 3500M Red LIH	3800M, 58M- 60M FM 0 M-180M Red; FM 180M- 3200M White; FM 3200M- 3800M Yellow-	Red -	NIL	RETIL for TWY A7, A8, A10, F5 and F6
25C	CAT III 900M LIH Sequenced strobe lights (2 flashes/sec) on centreline from 900M to 300M from THR	Green Green	PAPI 72.3FT BOTH SIDES 3°	900m	3800M, 15M FM 0 M-2900M White; FM 2900- 3500M Red/ White; FM 3500M Red LIH	3800M, 58M- 60M FM 0 M-180M Red; FM 180M- 3200M White; FM 3200M- 3800M Yellow-	Red -	NIL	RETIL for TWY A3, A5, A6, F3 and F4

Note 1 : The APCH LGT Type is declared depending on the limitation of operation mode of the respective RWY.

VHHH AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

2 (replace)	LDI location and LGT Anemometer location and LGT	LDI: Nil RWY 07L/25R Anemometers: 390 m from DISP THR 07L to N of RWY; mid-point to N of RWY; 380 m from THR 25R to N of RWY RWY 07C/25C Anemometers: 372m from DISP THR 07C to N of RWY; 69m & 279m from mid-point to N of RWY; 371m from THR 25C to N of RWY RWY 07R/25L Anemometers: 280 m from DISP THR 07R to S of RWY; mid-point to S of RWY; 335 m from THR 25L to S of RWY
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VHHH AD 2.22 Flight Procedures

2.2.3.4 (insert)

RWY	Significant Point	Cross Reference from Navaid
RWY 07C	SMT DVOR	IZSC ILS DME 4.7 NM
	ROVER	IZSC ILS DME 7.2 NM SMT RDL 085/DME 2.6 NM
RWY 25C	PRAWN	ITFC ILS DME 7.0 NM SMT RDL 249/DME 10.4 NM

2.2.3.5 (insert)

Hong Kong SID	Contingency Procedures
RAMEN 1C (RWY 07C)	See AD 2-VHHH-SID-RAMEN-C for details. Expect vectors to join flight plan route.
RUMSY 1D (RWY 25C)	See AD 2-VHHH-SID-RUMSY-D for details. Expect vectors to join flight plan route.

2.3.1 (insert)

Runway	SID Group	Rate of Climb (under normal operation conditions)	Flyover Point
RWY 07C	RNP 1 via TEGUB	6.8% or 414 ft/NM until passing 3 900 ft	Nil
	RNP 1 via ROVER, RF	3.4% or 207 ft/NM until passing 1 200 ft	Nil
	RNP 1 via ROVER, non-RF	3.8% or 231 ft/NM until passing 1 300 ft	Do not turn right before passing ROVER
	RAMEN (Contingency)	3.8% or 231 ft/NM until passing 1 300 ft	Do not turn right before passing ROVER
RWY 25C	RNP 1	3.3% or 201 ft/NM	Nil
	RUMSY (Contingency)	3.3% or 201 ft/NM	Do not turn left before passing PRAWN

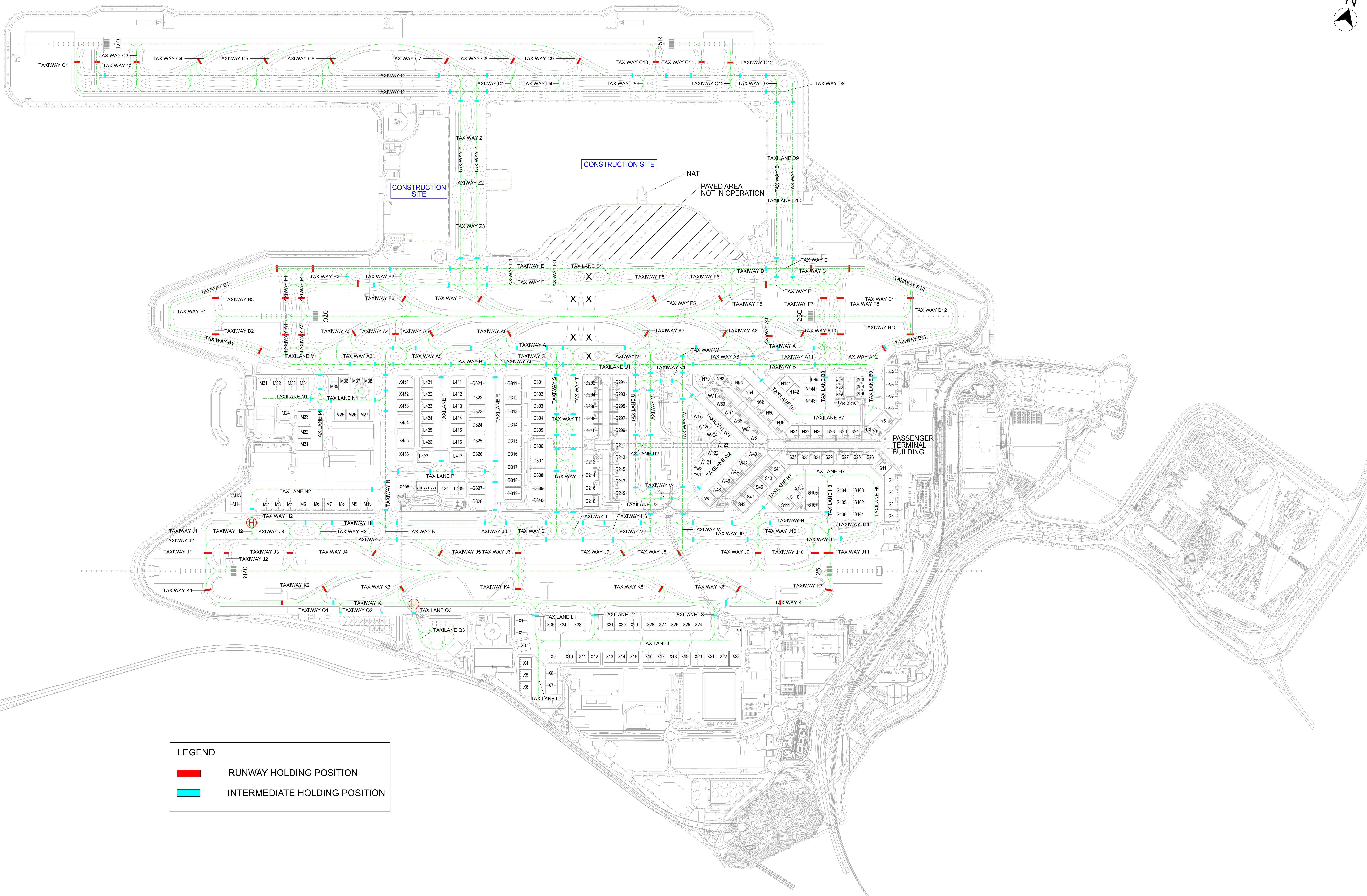
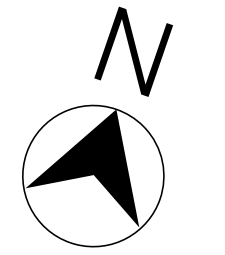
10.1 (replace) RWY 25R ILS is equipped for CAT I landings. RWY 07R, RWY 25L and RWY 07C ILS are equipped for CAT II landings. RWY 07L and RWY 25C ILS are equipped for CAT III landings. Operators must obtain approval prior to conducting CAT II/III operations, (see AD 1.1 paragraph 7). Pilots wishing to make an ILS CAT II/III approach shall notify Approach Control on initial contact.

10.4 (replace) Due to the proximity of the FIR boundary to the west, pilots carrying out RWY 07L, RWY 07C or RWY 07R ILS approach are advised to maintain a careful cross-check of aircraft position after passing the initial approach fix LIMES. In the event of any weather avoidance manoeuvre, permission must be obtained from ATC prior to making any turn away from the prescribed track.

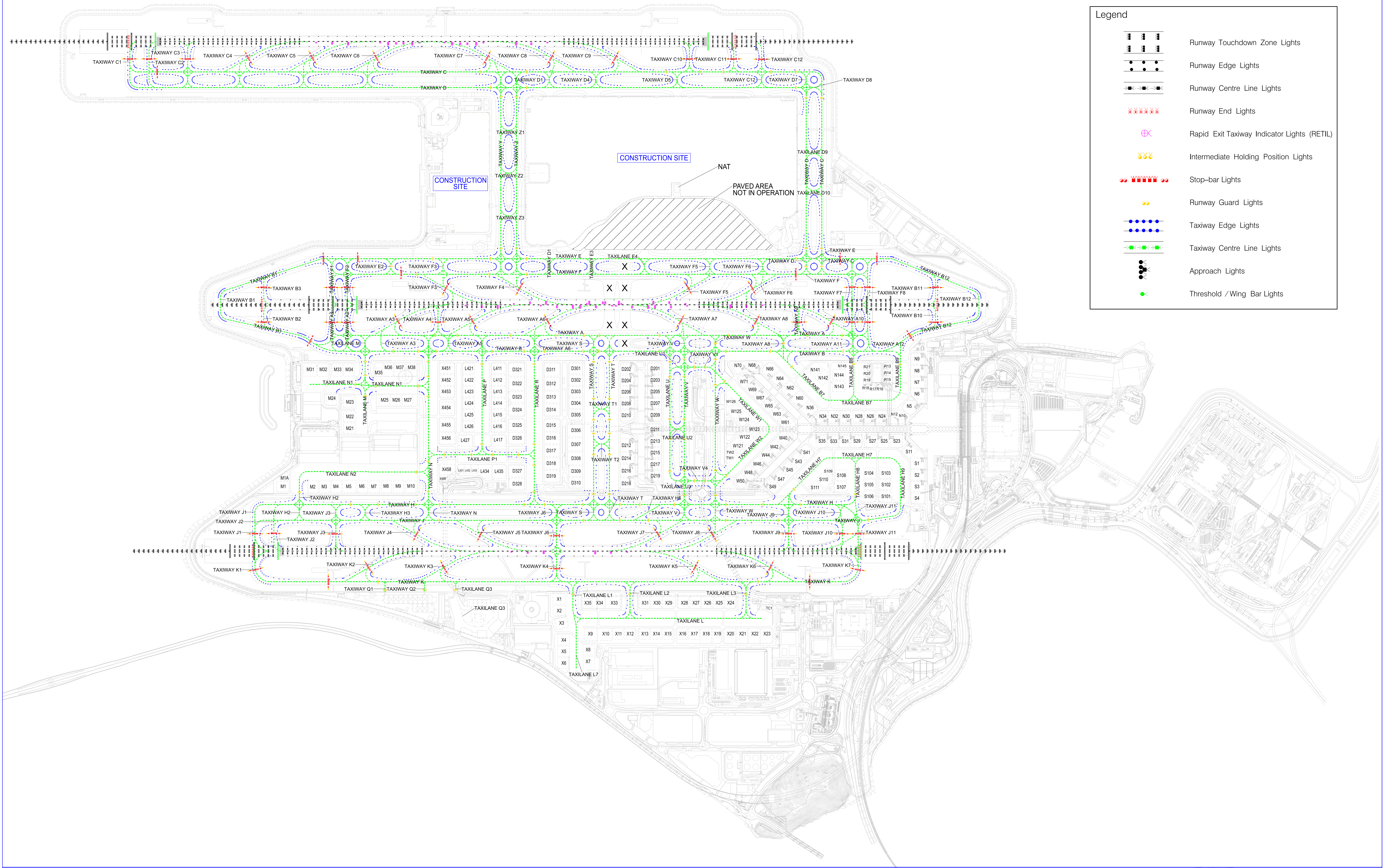
VHHH AD 2.24 CHARTS RELATED TO AN AERODROME

Aerodrome Chart (Aerodrome Layout) – ICAO	AD 2-VHHH-ADC-1 <i>(replace)</i> <i>(refer to AOM Plan 1)</i>
Aerodrome Chart (Visual Markings) – ICAO	AD 2-VHHH-ADC-2 <i>(replace)</i> <i>(refer to AOM Plan 5)</i>
Aerodrome Chart (Lighting Plan) - ICAO	AD 2-VHHH-ADC-3 <i>(replace)</i> <i>(refer to AOM Plan 6)</i>
Pavement Types and PCR Value	AD 2-VHHH-ADC-5 <i>(replace)</i> <i>(refer to AOM Plan 13)</i>
Taxiways/Taxilanes for Code F Aircraft	AD 2-VHHH-ADC-6 <i>(replace)</i>
Aerodrome Obstacle Chart – ICAO Type A (RWY 07C/25C)	AD 2-VHHH-AOC-2 <i>(insert)</i>
Aerodrome Obstacle Chart – ICAO Type B	AD 2-VHHH-AOC-4 <i>(insert)</i>
Aerodrome Terrain and Obstacle Chart - ICAO (Electronic)	AD 2-VHHH-ATOC-1 <i>(replace)</i>
RNAV(GNSS) ADLAD SID RWY 07C	AD 2-VHHH-SID-ADLAD-T <i>(insert)</i>
RNAV(GNSS) LARIT SID RWY 07C	AD 2-VHHH-SID-LARIT-T <i>(insert)</i>
RNAV(GNSS) DUMEP SID RWY 07C	AD 2-VHHH-SID-DUMEP-T <i>(insert)</i>
RNAV(GNSS) XEMEK SID RWY 07C	AD 2-VHHH-SID-XEMEK-T <i>(insert)</i>
RNAV(GNSS) SOSLU SID RWY 07C	AD 2-VHHH-SID-SOSLU-T <i>(insert)</i>
RNAV(GNSS) BEKOL SID RWY 07C	AD 2-VHHH-SID-BEKOL-C <i>(insert)</i>
RNAV(GNSS) BEKOL SID RWY 25C	AD 2-VHHH-SID-BEKOL-D <i>(insert)</i>
RNAV(GNSS) BEKOL SID RWY 07C (RF capability required)	AD 2-VHHH-SID-BEKOL-Y <i>(insert)</i>
RNAV(GNSS) LEKEN SID RWY 07C	AD 2-VHHH-SID-LEKEN-C <i>(insert)</i>
RNAV(GNSS) LEKEN SID RWY 25C	AD 2-VHHH-SID-LEKEN-D <i>(insert)</i>
RNAV(GNSS) LEKEN SID RWY 07C (RF capability required)	AD 2-VHHH-SID-LEKEN-Y <i>(insert)</i>
RNAV(GNSS) DALOL SID RWY 07C	AD 2-VHHH-SID-DALOL-C <i>(insert)</i>

RNAV(GNSS) DALOL SID RWY 25C	AD 2-VHHH-SID-DALOL-D <i>(insert)</i>
RNAV(GNSS) DALOL SID RWY 07C (RF capability required)	AD 2-VHHH-SID-DALOL-Y <i>(insert)</i>
RNAV(GNSS) PECAN SID RWY 07C	AD 2-VHHH-SID-PECAN-C <i>(insert)</i>
RNAV(GNSS) PECAN SID RWY 25C	AD 2-VHHH-SID-PECAN-D <i>(insert)</i>
RNAV(GNSS) PECAN SID RWY 07C (RF capability required)	AD 2-VHHH-SID-PECAN-Y <i>(insert)</i>
RAMEN SID RWY 07C	AD 2-VHHH-SID-RAMEN-C <i>(insert)</i>
RUMSY SID RWY 25C	AD 2-VHHH-SID-RUMSY-D <i>(insert)</i>
Instrument Approach Chart - ICAO - ILS or LOC - RWY 07C	AD 2-VHHH-IAC-03A <i>(insert)</i>
Instrument Approach Chart - ICAO - RNP RWY 07C (LNAV/VNAV only)	AD 2-VHHH-IAC-03E <i>(insert)</i>
Instrument Approach Chart - ICAO - ILS - RWY 25C	AD 2-VHHH-IAC-04A <i>(insert)</i>
Instrument Approach Chart - ICAO - LOC - RWY 25C	AD 2-VHHH-IAC-04C <i>(insert)</i>
Instrument Approach Chart - ICAO - RNP Z - RWY 25C (LNAV/VNAV only)	AD 2-VHHH-IAC-04E <i>(insert)</i>
Instrument Approach Chart - ICAO - RNP Y - RWY 25C (AR)	AD 2-VHHH-IAC-04G <i>(insert)</i>



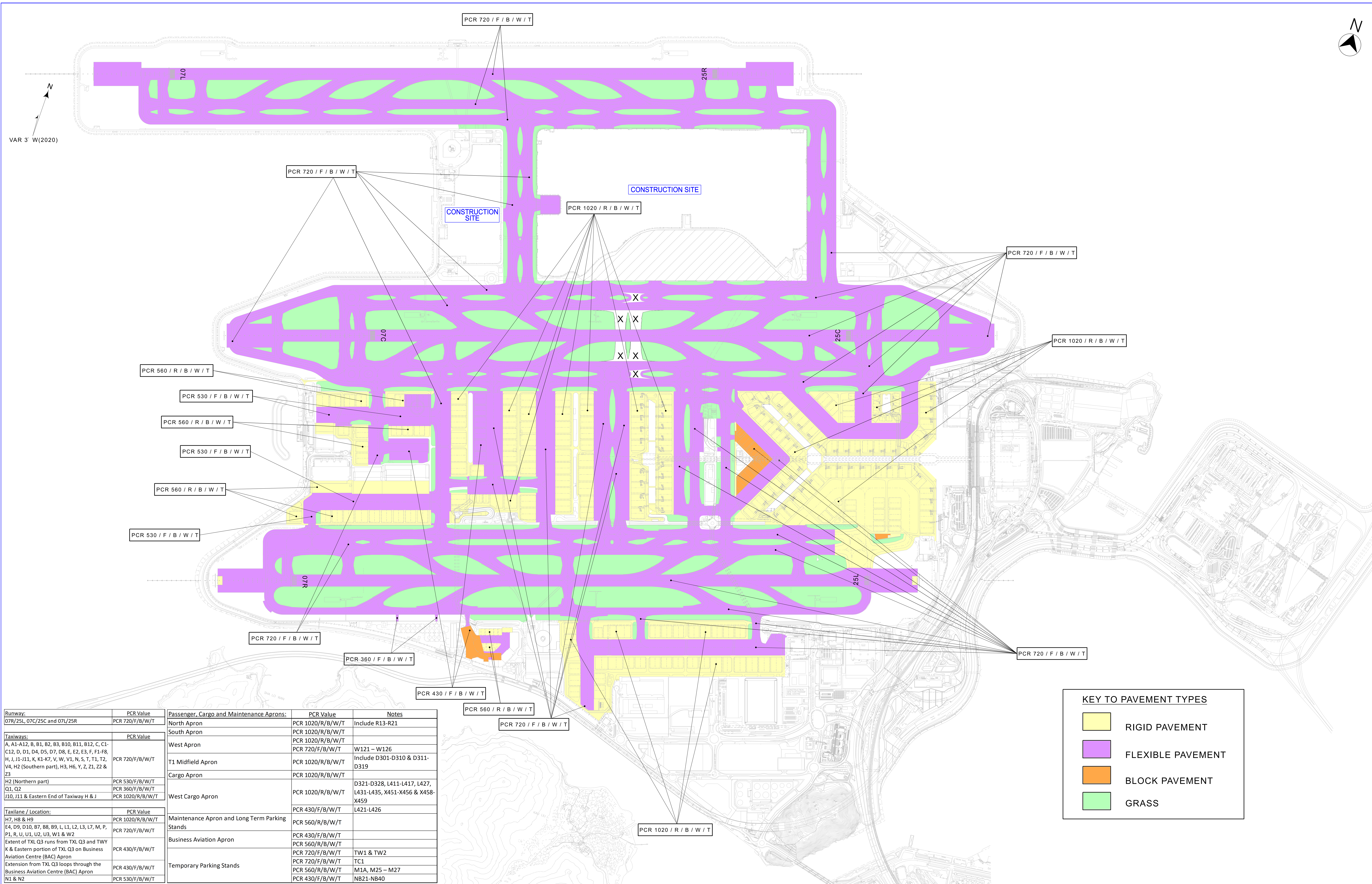
PLAN 5 - TAXIWAY AND TAXILANE DESIGNATIONS



Legend

- Runway Touchdown Zone Lights
- Runway Edge Lights
- Runway Centre Line Lights
- Runway End Lights
- Rapid Exit Taxiway Indicator Lights (RETIL)
- Intermediate Holding Position Lights
- Stop-bar Lights
- Runway Guard Lights
- Taxiway Edge Lights
- Taxiway Centre Line Lights
- Approach Lights
- Threshold / Wing Bar Lights

PLAN 6 - AERODROME LIGHTING CHART

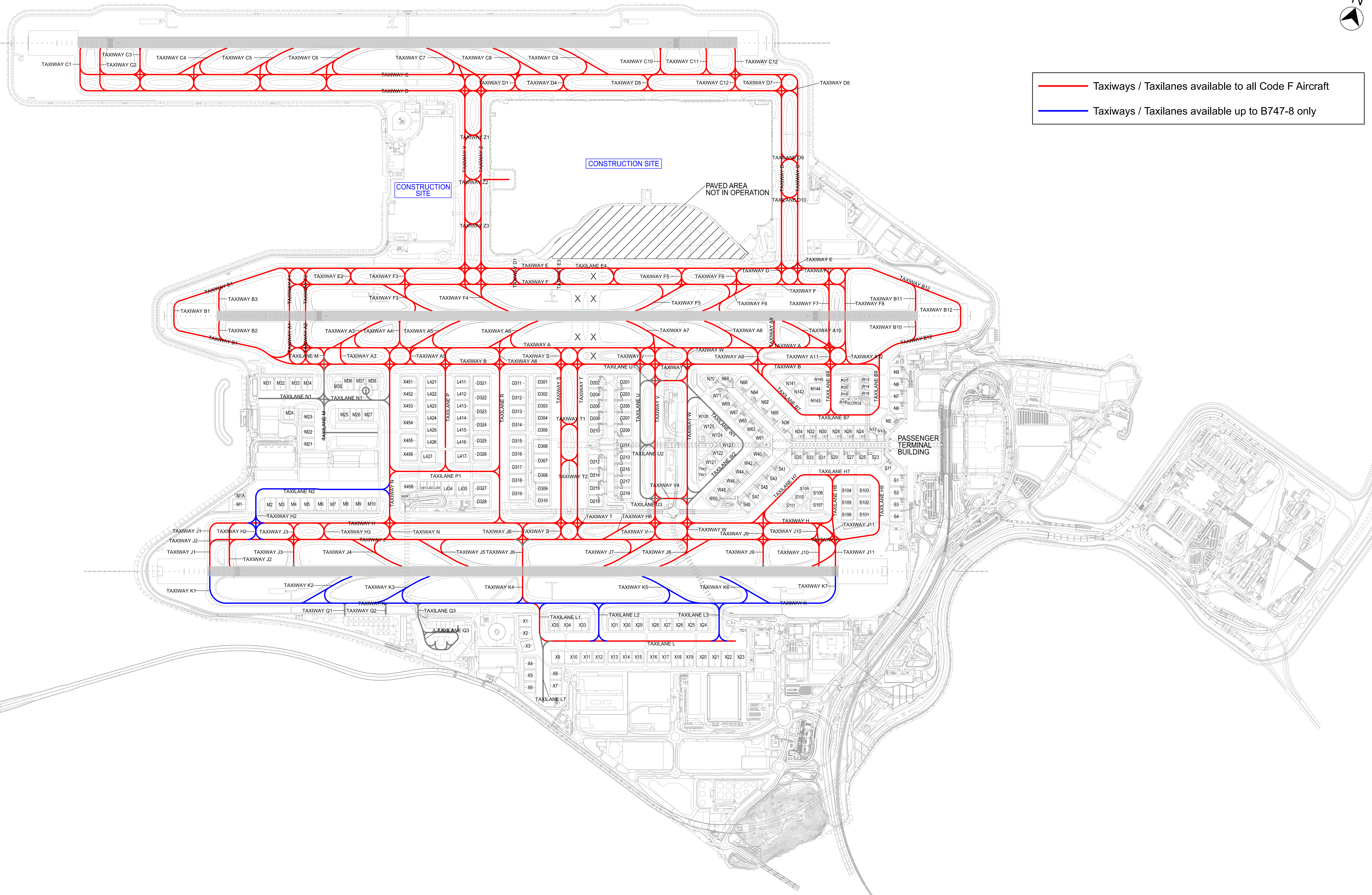
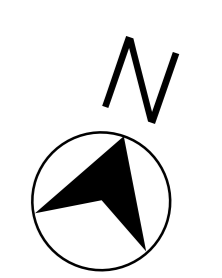


Runway:	PCR Value	Passenger, Cargo and Maintenance Aprons:	PCR Value	Notes
07R/25L, 07C/25C and 07L/25R	PCR 720/F/B/W/T	North Apron	PCR 1020/R/B/W/T	Include R13-R21
		South Apron	PCR 1020/R/B/W/T	
Taxiways:	PCR Value	West Apron	PCR 1020/R/B/W/T	W121 - W126
A, A1-A12, B, B1, B2, B3, B10, B11, B12, C, C1-C12, D, D1, D4, D5, D7, D8, E, E2, E3, F, F1-F8, H, J, J1-J11, K, K1-K7, V, W, V1, N, S, T, T1, T2, V4, H2 (Southern part), H3, H6, Y, Z, Z1, Z2 & Z3	PCR 720/F/B/W/T	T1 Midfield Apron	PCR 1020/R/B/W/T	Include D301-D310 & D311-D319
H2 (Northern part)	PCR 530/F/B/W/T	Cargo Apron	PCR 1020/R/B/W/T	
Q1, Q2	PCR 360/F/B/W/T	West Cargo Apron	PCR 1020/R/B/W/T	D321-D328, L411-L417, L427, L431-L435, X451-X456 & X458-X459
J10, J11 & Eastern End of Taxiway H & J	PCR 1020/R/B/W/T		PCR 430/F/B/W/T	L421-L426
Taxilane / Location:	PCR Value	Maintenance Apron and Long Term Parking Stands	PCR 560/R/B/W/T	
H7, H8 & H9	PCR 1020/R/B/W/T		PCR 430/F/B/W/T	
E4, D9, D10, B7, B8, B9, L, L1, L2, L3, L7, M, P, P1, R, U, U1, U2, U3, W1 & W2	PCR 720/F/B/W/T	Business Aviation Apron	PCR 560/R/B/W/T	
Extent of TXL Q3 runs from TXL Q3 and TWY K & Eastern portion of TXL Q3 on Business Aviation Centre (BAC) Apron	PCR 430/F/B/W/T		PCR 720/F/B/W/T	TW1 & TW2
Extension from TXL Q3 loops through the Business Aviation Centre (BAC) Apron	PCR 430/F/B/W/T	Temporary Parking Stands	PCR 720/F/B/W/T	TC1
N1 & N2	PCR 530/F/B/W/T		PCR 560/R/B/W/T	M1A, M25 - M27
			PCR 430/F/B/W/T	NB21-NB40

KEY TO PAVEMENT TYPES

- RIGID PAVEMENT
- FLEXIBLE PAVEMENT
- BLOCK PAVEMENT
- GRASS

PLAN 13 - PAVEMENT TYPES & PCR VALUE

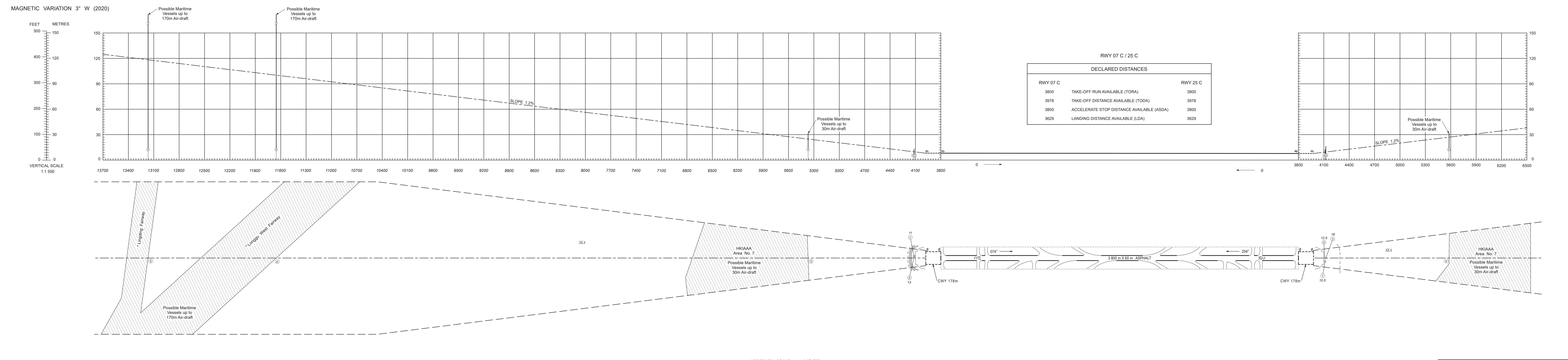


— Taxiways / Taxilanes available to all Code F Aircraft
— Taxiways / Taxilanes available up to B747-8 only

TAXIWAYS / TAXILANES FOR CODE F AIRCRAFT

AERODROME OBSTACLE CHART - ICAO

TYPE A (OPERATING LIMITATIONS)

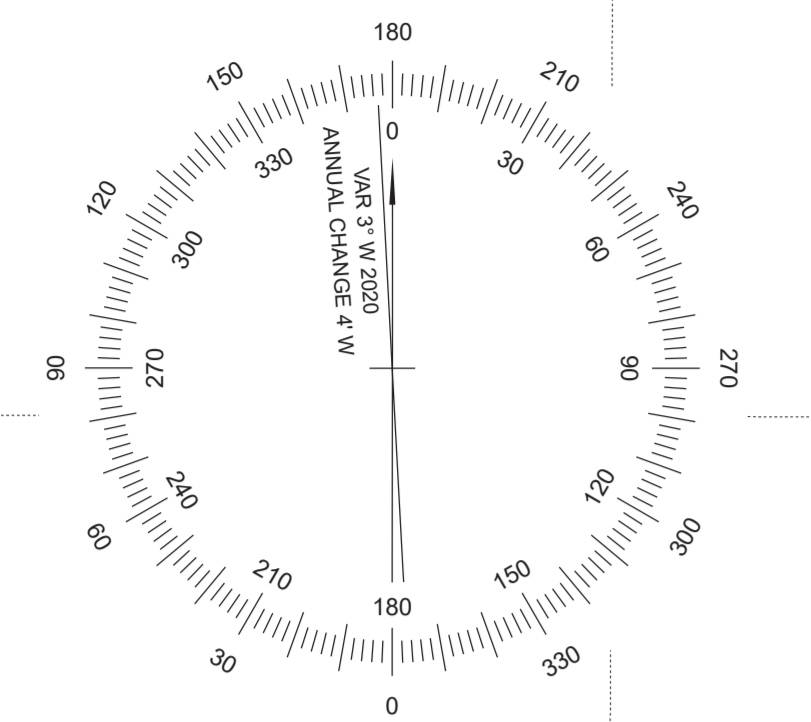


LEGEND	
OBSTACLE IDENTIFICATION NUMBER	①
POLE	*
MAIN ROAD	———
MARINE FACILITIES	▨▨▨▨

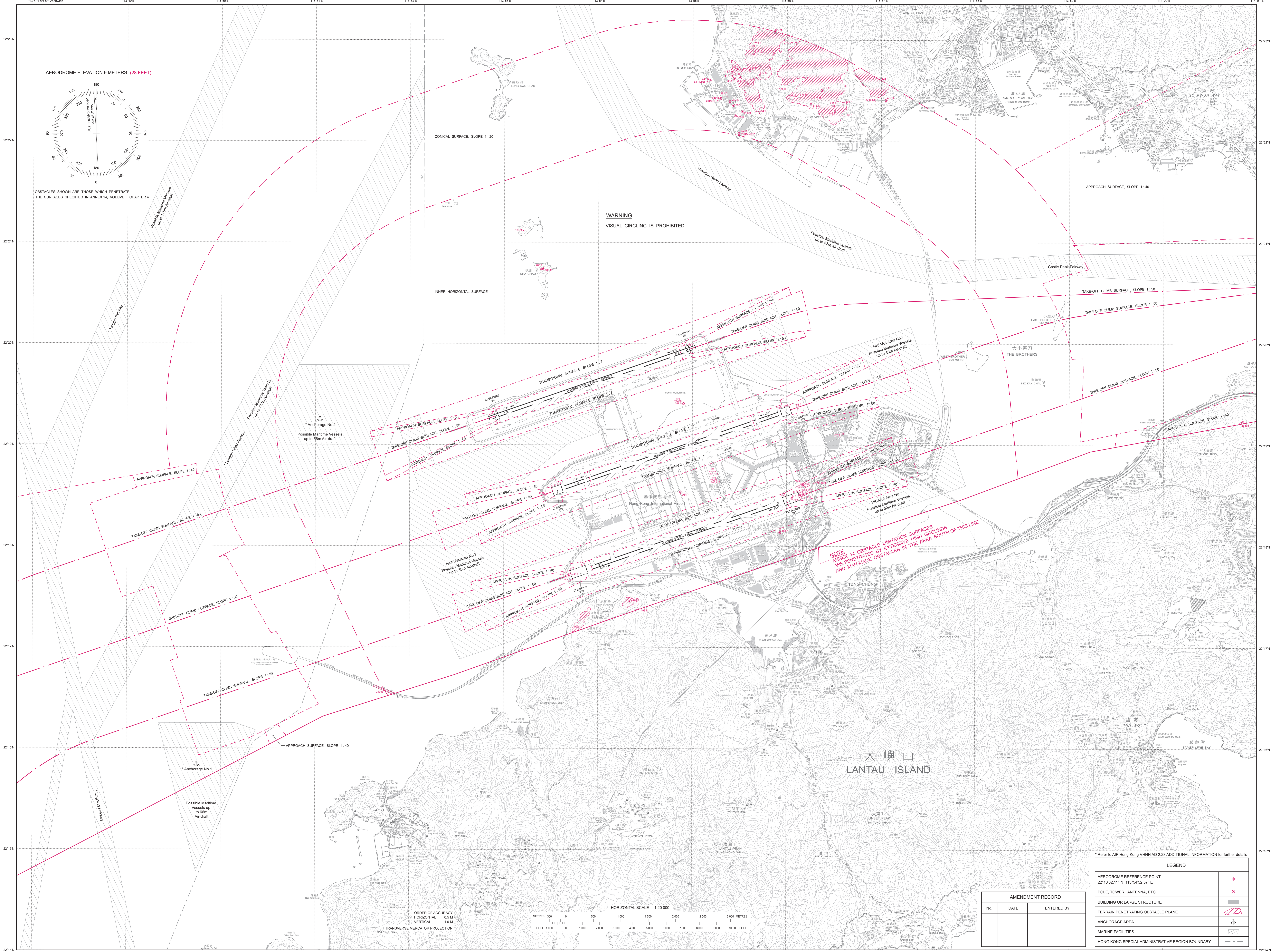
* Refer to AIP Hong Kong VHHH AD 2.23 ADDITIONAL INFORMATION for further details

AMENDMENT RECORD		
No.	DATE	ENTERED BY

AERODROME ELEVATION 9 METERS (28 FEET)



OBSTACLES SHOWN ARE THOSE WHICH PENETRATE THE SURFACES SPECIFIED IN ANNEX 14, VOLUME I, CHAPTER 4



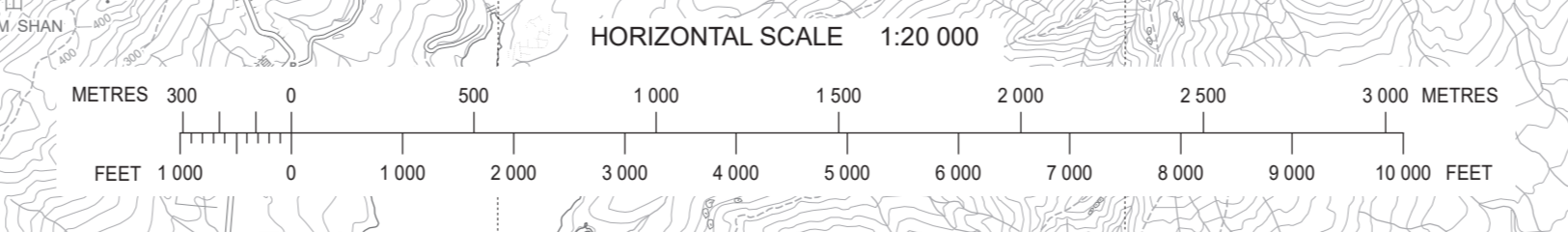
WARNING VISUAL CIRCLING IS PROHIBITED

NOTE ANNEX 14 OBSTACLE LIMITATION SURFACES ARE PENETRATED BY EXTENSIVE HIGH GROUNDS AND MAN-MADE OBSTACLES IN THE AREA SOUTH OF THIS LINE

*Anchorage No.2 Possible Maritime Vessels up to 66m Air-draft

*Anchorage No.1 Possible Maritime Vessels up to 66m Aircraft

ORDER OF ACCURACY HORIZONTAL 0.5 M VERTICAL 1.0 M TRANSVERSE MERCATOR PROJECTION



Refer to AIP Hong Kong VHHH AD 2.23 ADDITIONAL INFORMATION for further details

AMENDMENT RECORD		
No.	DATE	ENTERED BY

LEGEND	
AERODROME REFERENCE POINT 22°18'32.11" N 113°54'52.57" E	+
POLE, TOWER, ANTENNA, ETC.	⊕
BUILDING OR LARGE STRUCTURE	■
TERRAIN PENETRATING OBSTACLE PLANE	▨
ANCHORAGE AREA	⚓
MARINE FACILITIES	⚓
HONG KONG SPECIAL ADMINISTRATIVE REGION BOUNDARY	—

AD 2-VHHH-ATOC-1 (*replace*)

Aerodrome Terrain and Obstacle Chart - ICAO (Electronic)

Electronic terrain data for Area 4 for all six runways (07C, 07L, 07R, 25C, 25L and 25R) at HKIA are available from the airport operator as follows:

Attn: Manager, Infrastructure Management & Coordination
Airfield Department
Hong Kong Airport Authority,
HKIA Tower, 1 Sky Plaza Rd,
Hong Kong International Airport.

TEL : +852 21887902

FAX : +852 21827902

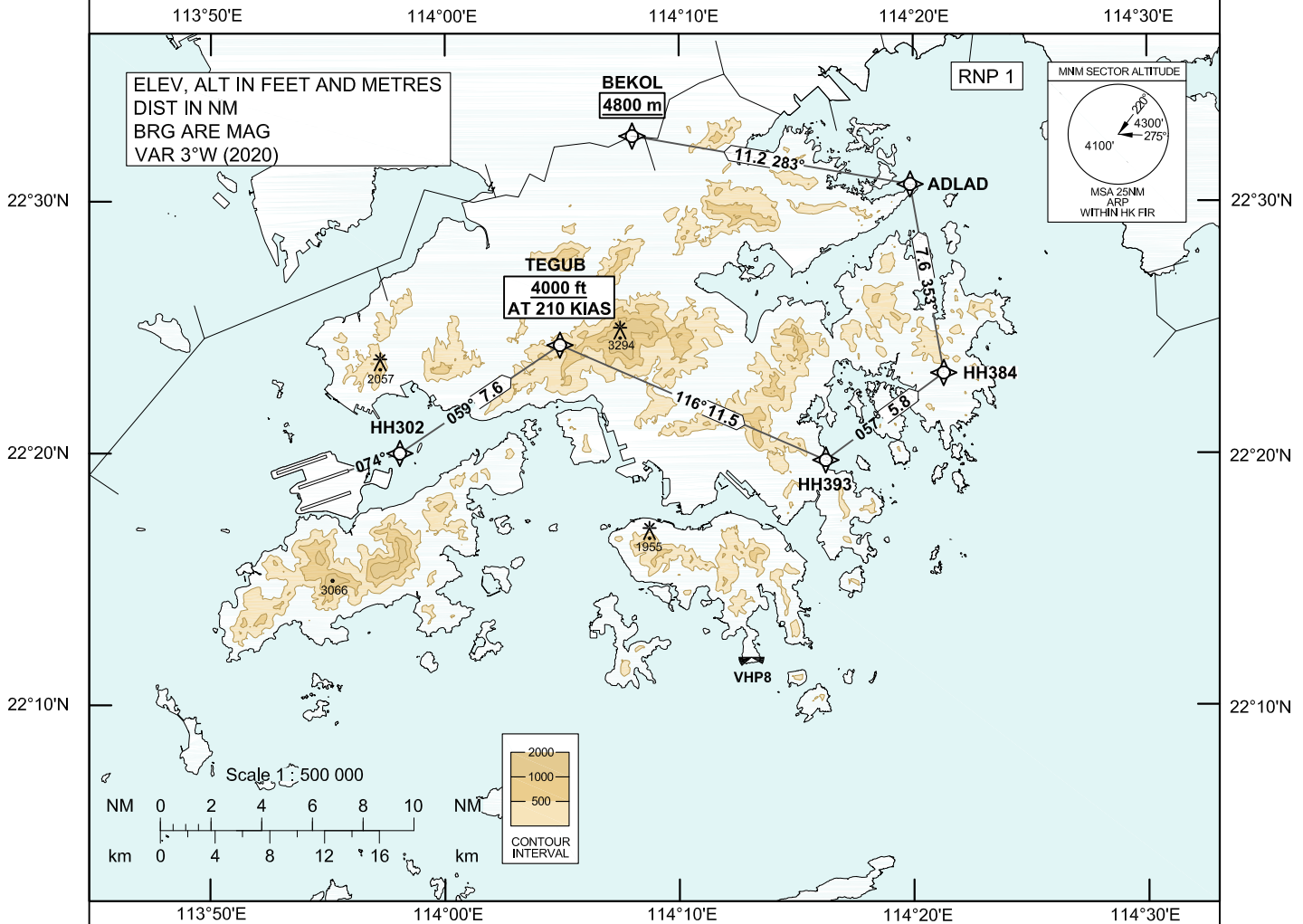
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**STANDARD DEPARTURE CHART-
INSTRUMENT (SID) - ICAO**

Transition Altitude	9 000 ft
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) ADLAD 1T SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.



ADLAD 1T SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 6.8% (414 ft/NM) until passing 3 900 ft is required.

SPEED RESTRICTION

Speed restriction of 210 KIAS at TEGUB.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: ADLAD 1T RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	TEGUB	-	059 (056)	+3.0	7.6	-	+4000	@210	RNP 1
03	TF	HH393	-	116 (113)	+3.0	11.5	-	-	-	RNP 1
04	TF	HH384	-	057 (054)	+3.0	5.8	-	-	-	RNP 1
05	TF	ADLAD	-	353 (350)	+3.0	7.6	-	-	-	RNP 1
06	TF	BEKOL	-	283 (280)	+3.0	11.2	-	+4800m	-	RNP 1

WAYPOINT LIST

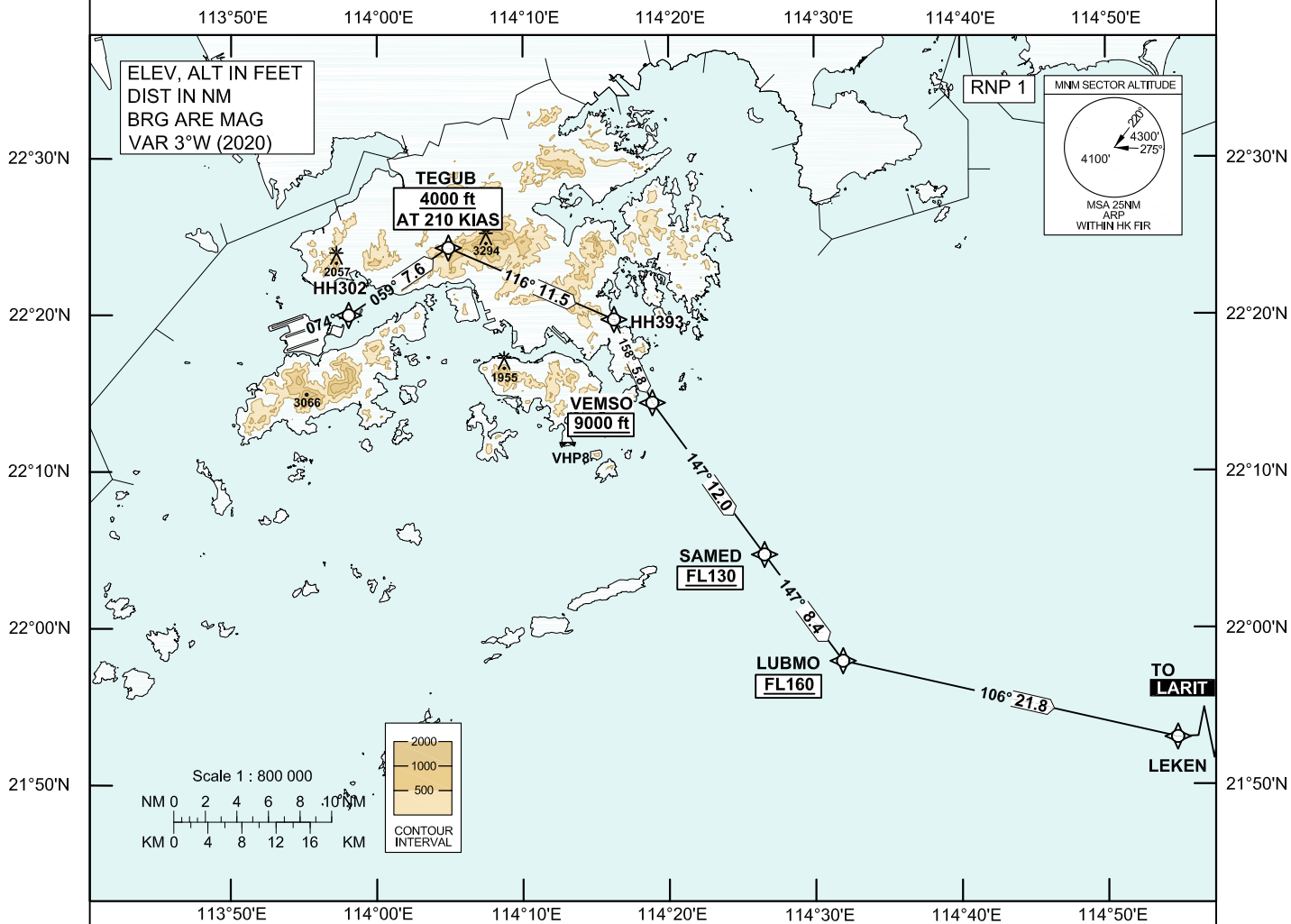
ADLAD 1T RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
TEGUB	22 24 18.28N	114 04 54.69E
HH393	22 19 43.83N	114 16 15.26E
HH384	22 23 11.51N	114 21 17.83E
ADLAD	22 30 40.74N	114 19 52.57E
BEKOL	22 32 36.00N	114 08 00.00E

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

Transition Altitude 9 000 ft	
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) LARIT 1T SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.



LARIT 1T SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 6.8% (414 ft/NM) until passing 3 900 ft is required.

SPEED RESTRICTION

Speed restriction of 210 KIAS at TEGUB.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: LARIT 1T RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	TEGUB	-	059 (056)	+3.0	7.6	-	+4000	@210	RNP 1
03	TF	HH393	-	116 (113)	+3.0	11.5	-	-	-	RNP 1
04	TF	VEMSO	-	158 (155)	+3.0	5.8	-	+9000	-	RNP 1
05	TF	SAMED	-	147 (144)	+3.0	12.0	-	+FL130	-	RNP 1
06	TF	LUBMO	-	147 (144)	+3.0	8.4	-	+FL160	-	RNP 1
07	TF	LEKEN	-	106 (103)	+3.0	21.8	-	-	-	RNP 1
08	TF	LARIT	-	091 (088)	+3.0	19.9	-	-	-	RNP 1

WAYPOINT LIST

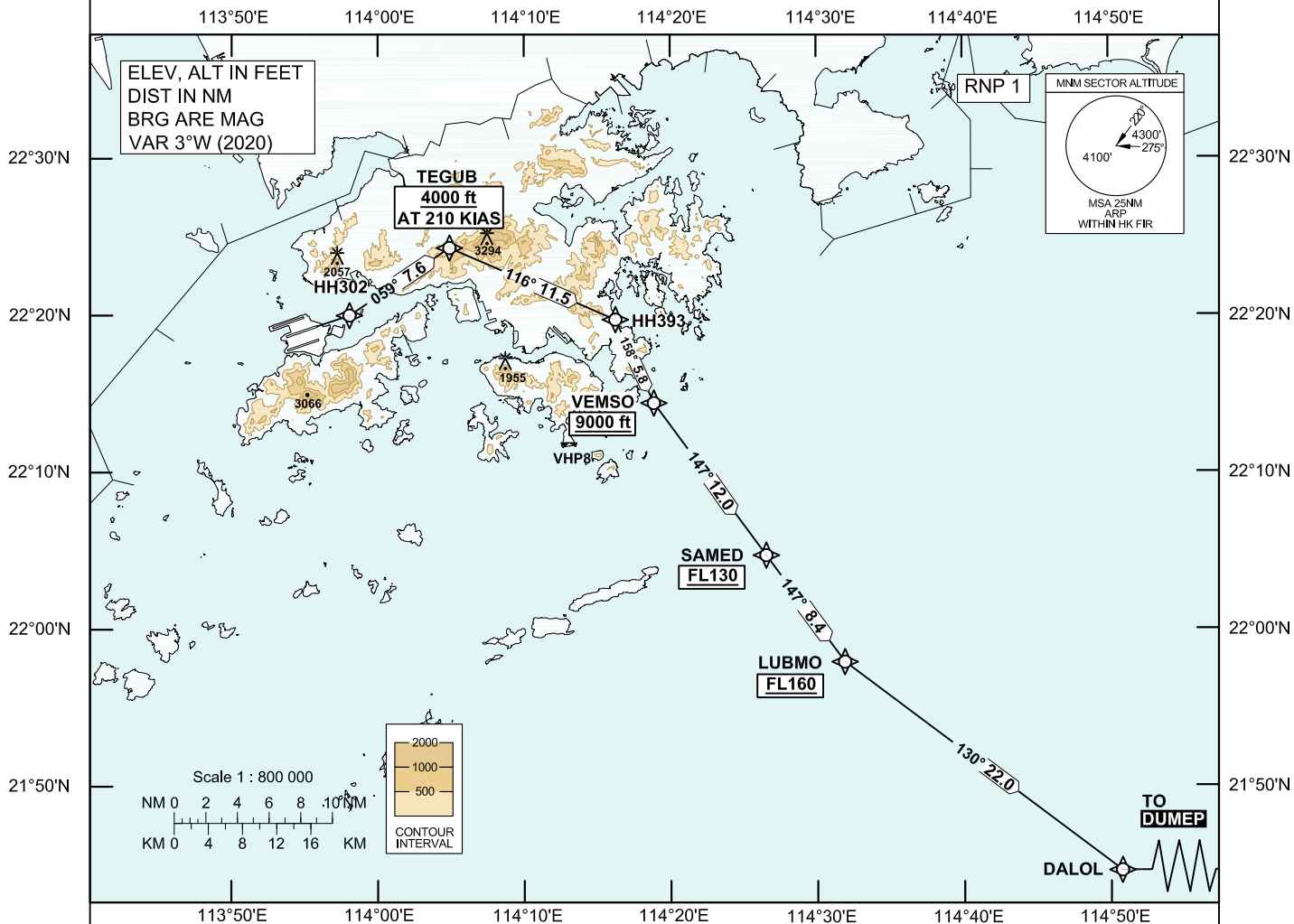
LARIT 1T RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
TEGUB	22 24 18.28N	114 04 54.69E
HH393	22 19 43.83N	114 16 15.26E
VEMSO	22 14 25.06N	114 18 52.28E
SAMED	22 04 43.00N	114 26 31.83E
LUBMO	21 57 55.24N	114 31 52.98E
LEKEN	21 53 01.06N	114 54 44.95E
LARIT	21 53 41.37N	115 16 06.56E

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

Transition Altitude 9 000 ft	
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) DUMEP 1T SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.



DUMEP 1T SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 6.8% (414 ft/NM) until passing 3 900 ft is required.

SPEED RESTRICTION

Speed restriction of 210 KIAS at TEGUB.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: DUMEP 1T RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	TEGUB	-	059 (056)	+3.0	7.6	-	+4000	@210	RNP 1
03	TF	HH393	-	116 (113)	+3.0	11.5	-	-	-	RNP 1
04	TF	VEMSO	-	158 (155)	+3.0	5.8	-	+9000	-	RNP 1
05	TF	SAMED	-	147 (144)	+3.0	12.0	-	+FL130	-	RNP 1
06	TF	LUBMO	-	147 (144)	+3.0	8.4	-	+FL160	-	RNP 1
07	TF	DALOL	-	130 (127)	+3.0	22.0	-	-	-	RNP 1
08	TF	DUMEP	-	093 (090)	+3.0	20.6	-	-	-	RNP 1

WAYPOINT LIST

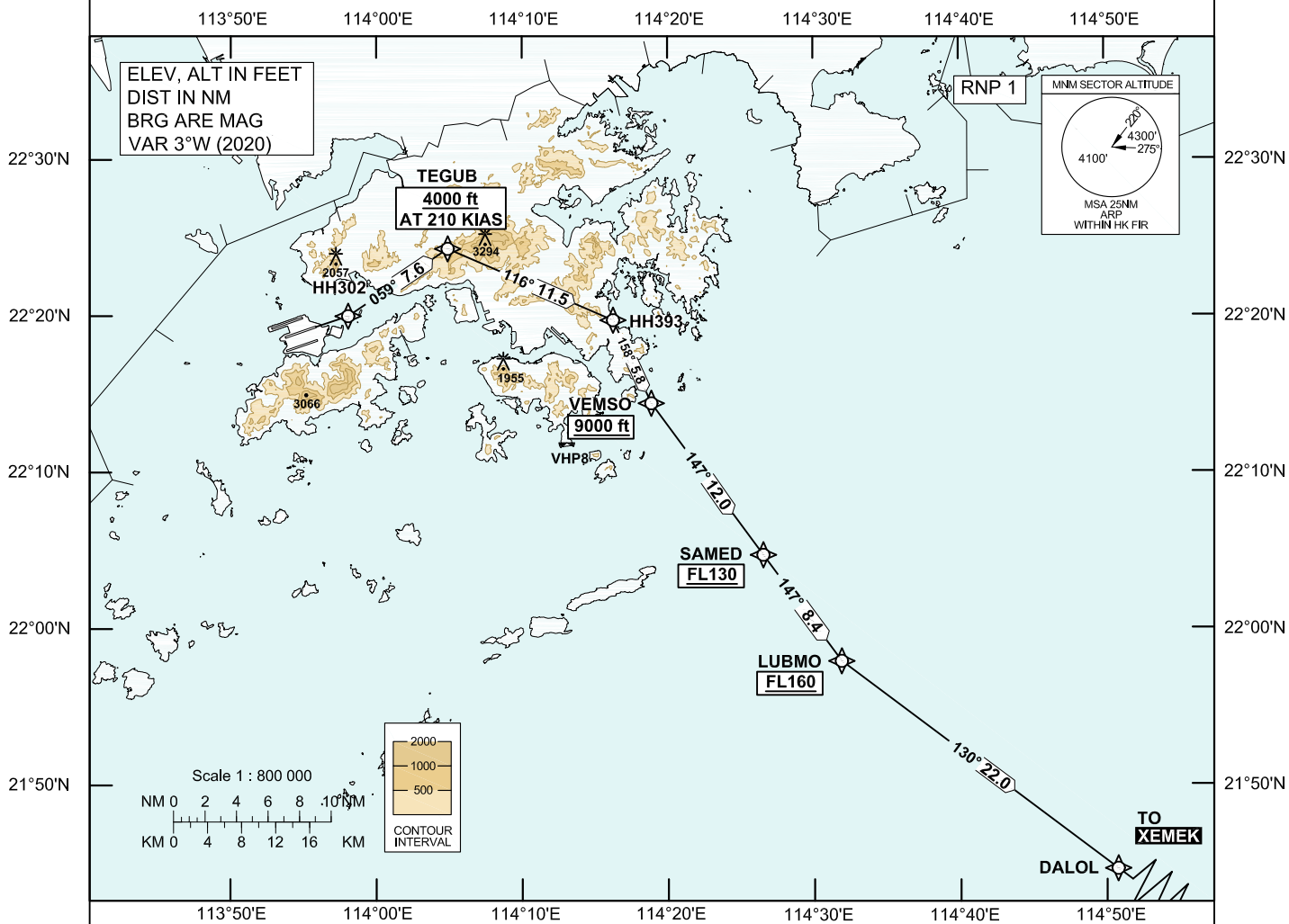
DUMEP 1T RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
TEGUB	22 24 18.28N	114 04 54.69E
HH393	22 19 43.83N	114 16 15.26E
VEMSO	22 14 25.06N	114 18 52.28E
SAMED	22 04 43.00N	114 26 31.83E
LUBMO	21 57 55.24N	114 31 52.98E
DALOL	21 44 36.90N	114 50 45.34E
DUMEP	21 44 36.30N	115 12 49.87E

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

Transition Altitude 9 000 ft	
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) XEMEK 1T SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.



XEMEK 1T SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 6.8% (414 ft/NM) until passing 3 900 ft is required.

SPEED RESTRICTION

Speed restriction of 210 KIAS at TEGUB.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: XEMEK 1T RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	TEGUB	-	059 (056)	+3.0	7.6	-	+4000	@210	RNP 1
03	TF	HH393	-	116 (113)	+3.0	11.5	-	-	-	RNP 1
04	TF	VEMSO	-	158 (155)	+3.0	5.8	-	+9000	-	RNP 1
05	TF	SAMED	-	147 (144)	+3.0	12.0	-	+FL130	-	RNP 1
06	TF	LUBMO	-	147 (144)	+3.0	8.4	-	+FL160	-	RNP 1
07	TF	DALOL	-	130 (127)	+3.0	22.0	-	-	-	RNP 1
08	TF	XEMEK	-	130 (127)	+3.0	10.5	-	-	-	RNP 1

WAYPOINT LIST

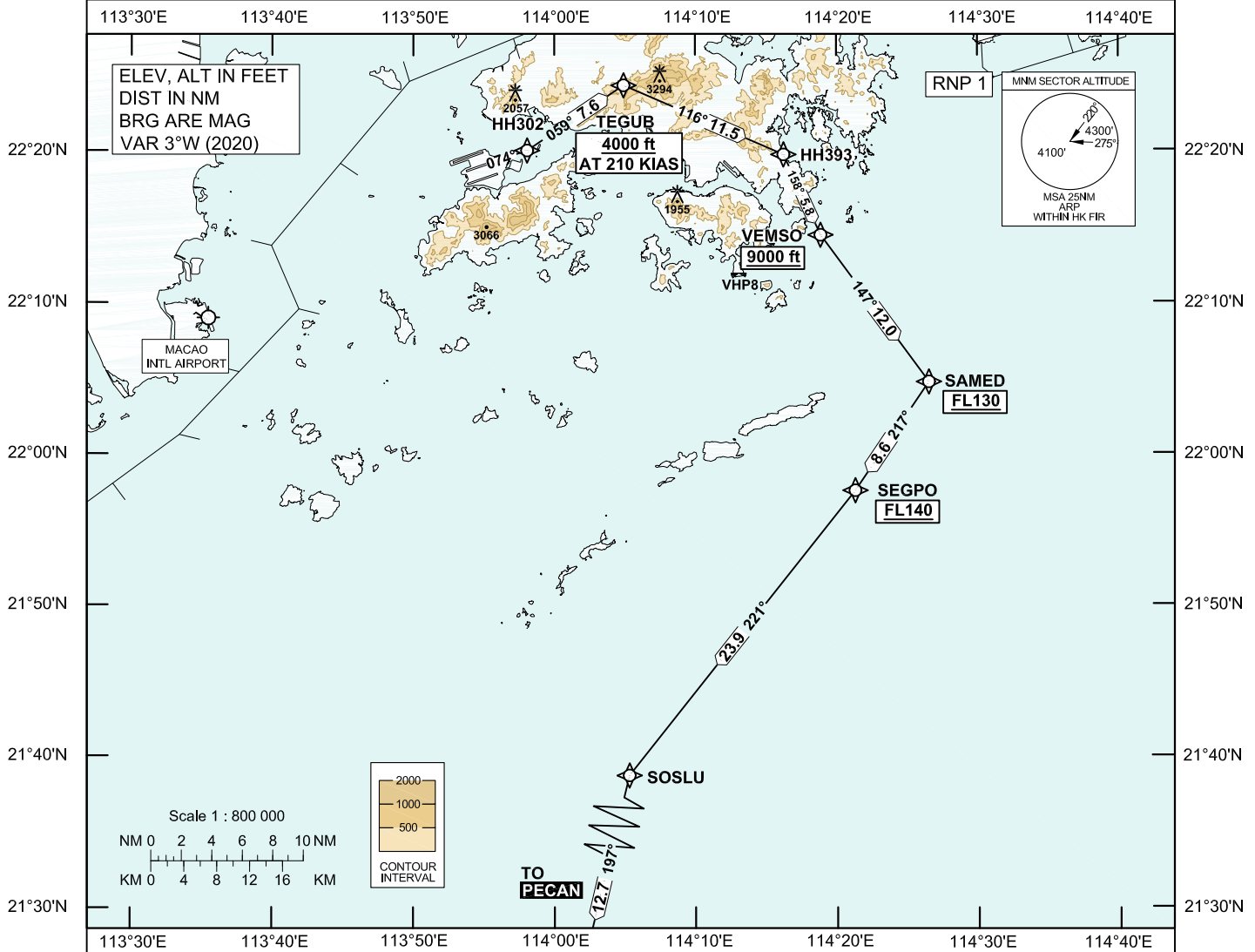
XEMEK 1T RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
TEGUB	22 24 18.28N	114 04 54.69E
HH393	22 19 43.83N	114 16 15.26E
VEMSO	22 14 25.06N	114 18 52.28E
SAMED	22 04 43.00N	114 26 31.83E
LUBMO	21 57 55.24N	114 31 52.98E
DALOL	21 44 36.90N	114 50 45.34E
XEMEK	21 38 16.17N	114 59 43.04E

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

Transition Altitude 9 000 ft	
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) SOSLU 1T SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.



SOSLU 1T SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 6.8% (414 ft/NM) until passing 3 900 ft is required.

SPEED RESTRICTION

Speed restriction of 210 KIAS.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: SOSLU 1T RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	TEGUB	-	059 (056)	+3.0	7.6	-	+4000	@210	RNP 1
03	TF	HH393	-	116 (113)	+3.0	11.5	-	-	-	RNP 1
04	TF	VEMSO	-	158 (155)	+3.0	5.8	-	+9000	-	RNP 1
05	TF	SAMED	-	147 (144)	+3.0	12.0	-	+FL130	-	RNP 1
06	TF	SEGPO	-	217 (214)	+3.0	8.6	-	+FL140	-	RNP 1
07	TF	SOSLU	-	221 (218)	+3.0	23.9	-	-	-	RNP 1
08	TF	PECAN	-	197 (194)	+3.0	12.7	-	-	-	RNP 1

WAYPOINT LIST

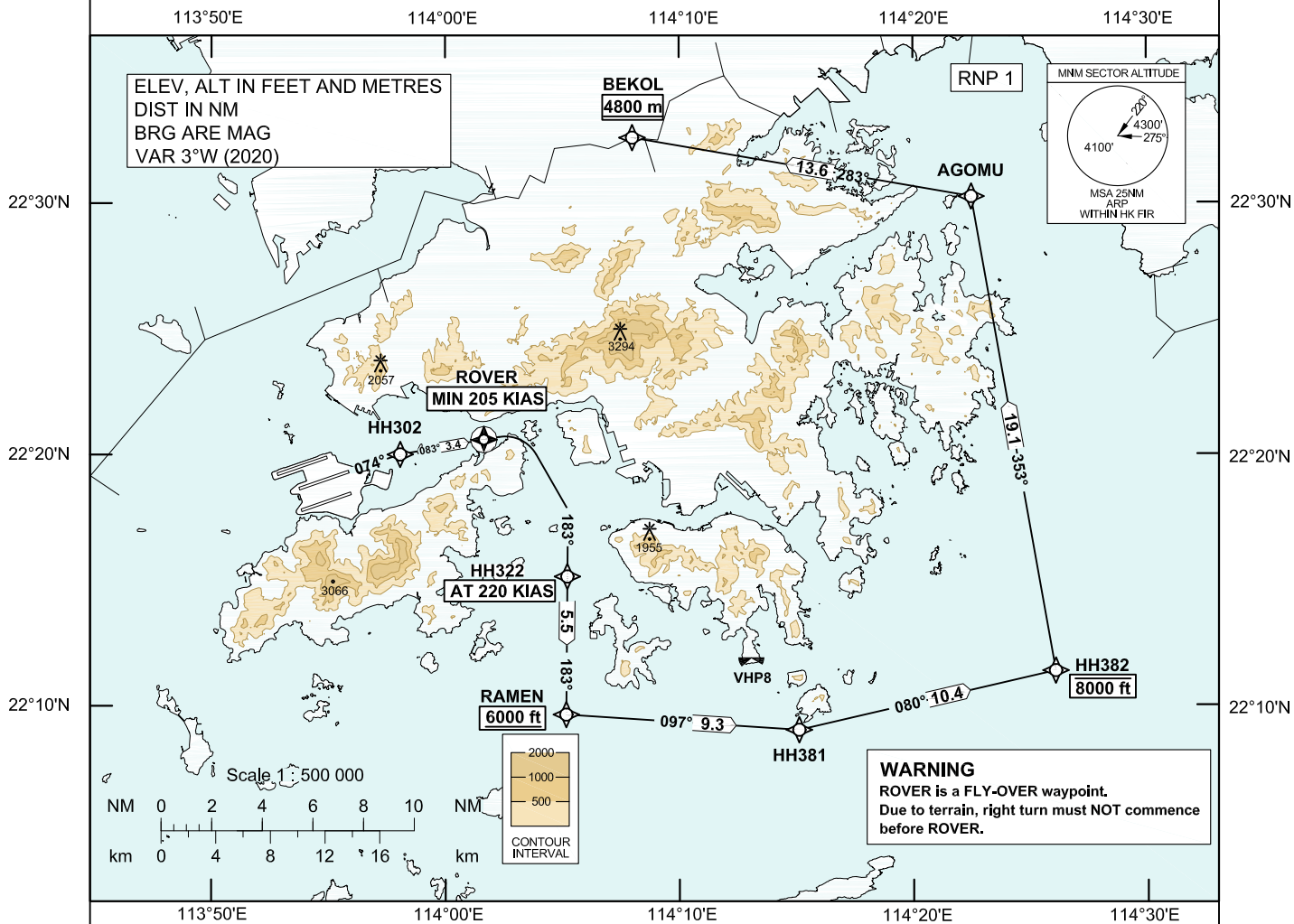
SOSLU 1T RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
TEGUB	22 24 18.28N	114 04 54.69E
HH393	22 19 43.83N	114 16 15.26E
VEMSO	22 14 25.06N	114 18 52.28E
SAMED	22 04 43.00N	114 26 31.83E
SEGPO	21 57 32.77N	114 21 18.59E
SOSLU	21 38 44.03N	114 05 18.39E
PECAN	21 26 20.19N	114 02 05.64E

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

Transition Altitude	9 000 ft
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) BEKOL 1C SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.
3. ROVER is a **FLY-OVER** waypoint. All other waypoints are fly-by.



BEKOL 1C SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.8% (231 ft/NM) until passing 1 300 ft is required.

SPEED RESTRICTION

Speed restriction of 205 KIAS or greater at ROVER and 220 KIAS until HH322.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: BEKOL 1C RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	ROVER	Y	083 (080)	+3.0	3.4	-	-	+205	RNP 1
03	CF	HH322	-	183 (180)	+3.0	-	R	-	@220	RNP 1
04	TF	RAMEN	-	183 (180)	+3.0	5.5	-	+6000	-	RNP 1
05	TF	HH381	-	097 (094)	+3.0	9.3	-	-	-	RNP 1
06	TF	HH382	-	080 (077)	+3.0	10.4	-	-8000	-	RNP 1
07	TF	AGOMU	-	353 (350)	+3.0	19.1	-	-	-	RNP 1
08	TF	BEKOL	-	283 (280)	+3.0	13.6	-	+4800m	-	RNP 1

WAYPOINT LIST

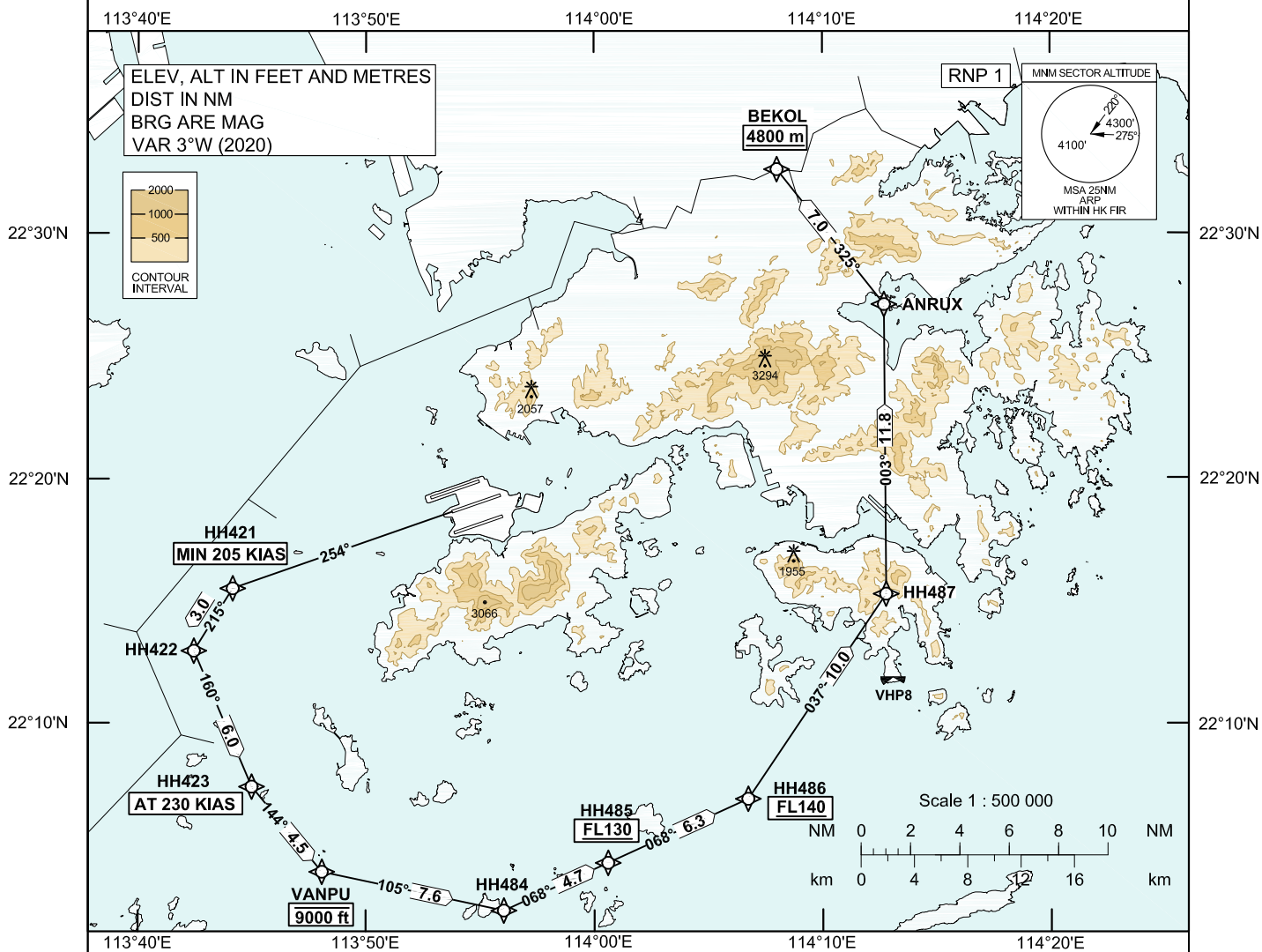
BEKOL 1C RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
ROVER	22 20 35.58N	114 01 39.12E
HH322	22 15 08.88N	114 05 12.88E
RAMEN	22 09 39.22N	114 05 09.89E
HH381	22 09 02.10N	114 15 06.66E
HH382	22 11 23.06N	114 26 04.39E
AGOMU	22 30 15.17N	114 22 29.86E
BEKOL	22 32 36.00N	114 08 00.00E

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

Transition Altitude	9 000 ft
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) BEKOL 1D SID RWY 25C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.



BEKOL 1D SID RWY 25C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.3% (201 ft/NM).

SPEED RESTRICTION

Speed restriction of 205 KIAS or greater at HH421 and 230 KIAS until HH423.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: BEKOL 1D RWY 25C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH421	-	254 (251)	+3.0	-	-	-	+205	RNP 1
02	TF	HH422	-	215 (212)	+3.0	3.0	-	-	-	RNP 1
03	TF	HH423	-	160 (157)	+3.0	6.0	-	-	@230	RNP 1
04	TF	VANPU	-	144 (141)	+3.0	4.5	-	-9000	-	RNP 1
05	TF	HH484	-	105 (102)	+3.0	7.6	-	-	-	RNP 1
06	TF	HH485	-	068 (065)	+3.0	4.7	-	+FL130	-	RNP 1
07	TF	HH486	-	068 (065)	+3.0	6.3	-	+FL140	-	RNP 1
08	TF	HH487	-	037 (034)	+3.0	10.0	-	-	-	RNP 1
09	TF	ANRUX	-	003 (000)	+3.0	11.8	-	-	-	RNP 1
10	TF	BEKOL	-	325 (322)	+3.0	7.0	-	+4800m	-	RNP 1

WAYPOINT LIST

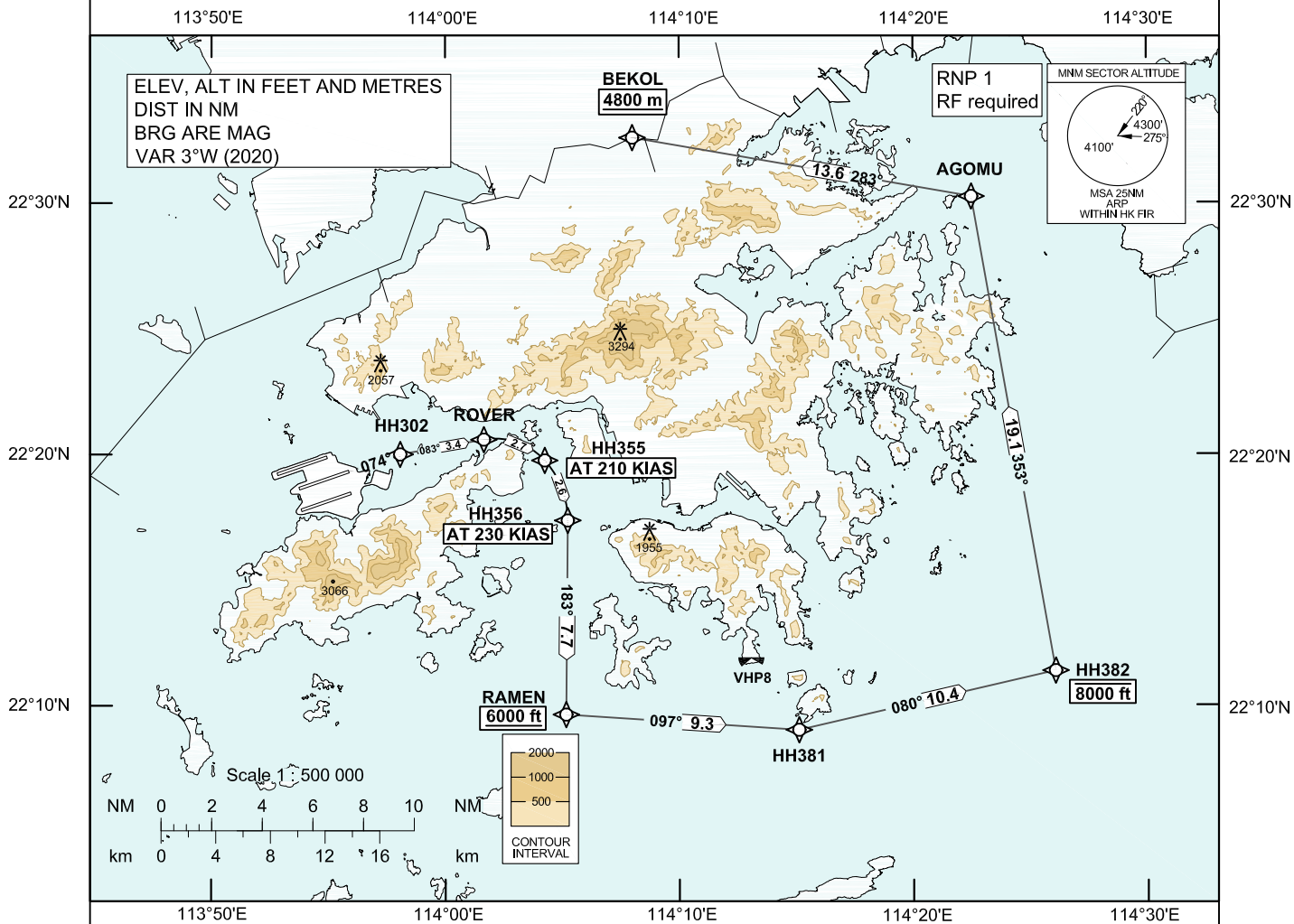
BEKOL 1D RWY 25C		
Waypoint Identifier	Coordinates (WGS-84)	
HH421	22 15 31.13N	113 44 09.41E
HH422	22 12 58.53N	113 42 27.41E
HH423	22 07 26.10N	113 44 59.40E
VANPU	22 03 57.95N	113 48 03.85E
HH484	22 02 23.21N	113 56 01.92E
HH485	22 04 19.90N	114 00 35.87E
HH486	22 06 56.32N	114 06 43.85E
HH487	22 15 17.49N	114 12 46.60E
ANRUX	22 27 05.73N	114 12 41.76E
BEKOL	22 32 36.00N	114 08 00.00E

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

Transition Altitude	9 000 ft
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) BEKOL 1Y SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.
3. **Radius-to-fix (RF) leg is required.** Aircraft shall have RF capability as stipulated in the Aircraft Flight Manual or its FMS manual. For aircraft without RF capability, pilot shall request the corresponding non-RF SID procedure from Hong Kong Delivery.



BEKOL 1Y SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.4% (207 ft/NM) until passing 1 200 ft is required.

SPEED RESTRICTION

Speed restriction of 210 KIAS at HH355 and 230 KIAS at HH356.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: BEKOL 1Y RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	ROVER	-	083 (080)	+3.0	3.4	-	-	-	RNP 1
03	RF Centre: HH955 r=2.642 NM	HH355	-	-	+3.0	2.7	R	-	@210	RNP 1
04	RF Centre: HH956 r=3.494 NM	HH356	-	-	+3.0	2.6	R	-	@230	RNP 1
05	TF	RAMEN	-	183 (180)	+3.0	7.7	-	+6000	-	RNP 1
06	TF	HH381	-	097 (094)	+3.0	9.3	-	-	-	RNP 1
07	TF	HH382	-	080 (077)	+3.0	10.4	-	-8000	-	RNP 1
08	TF	AGOMU	-	353 (350)	+3.0	19.1	-	-	-	RNP 1
09	TF	BEKOL	-	283 (280)	+3.0	13.6	-	+4800m	-	RNP 1

WAYPOINT LIST

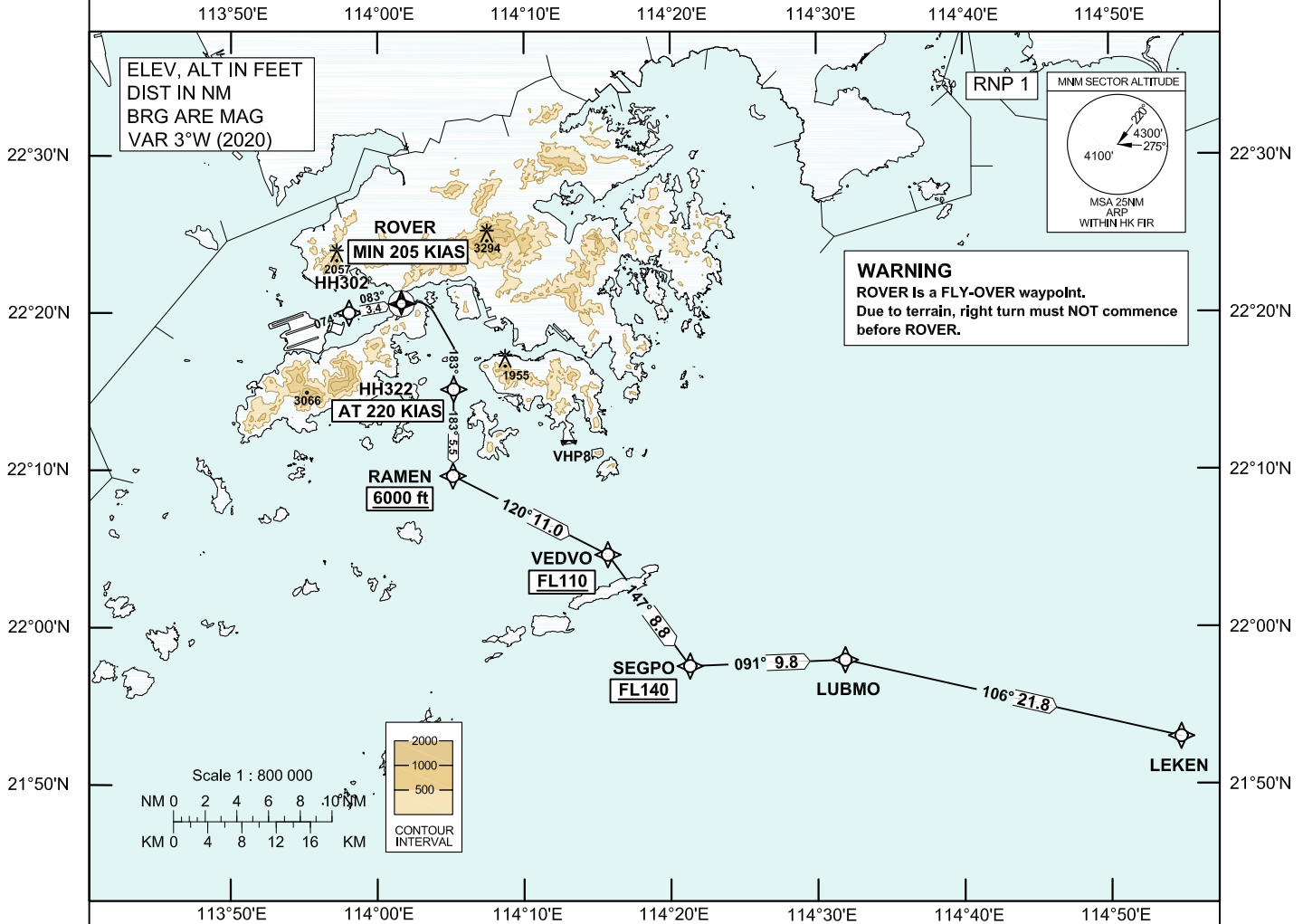
BEKOL 1Y RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
ROVER	22 20 35.58N	114 01 39.12E
HH355	22 19 45.97N	114 04 15.23E
HH356	22 17 22.57N	114 05 14.10E
RAMEN	22 09 39.22N	114 05 09.89E
HH381	22 09 02.10N	114 15 06.66E
HH382	22 11 23.06N	114 26 04.39E
AGOMU	22 30 15.17N	114 22 29.86E
BEKOL	22 32 36.00N	114 08 00.00E
RF Arc Centre Identifier	Coordinates (WGS-84)	
HH955	22 17 58.85N	114 02 08.75E
HH956	22 17 24.31N	114 01 27.97E

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

Transition Altitude 9 000 ft	
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) LEKEN 1C SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.
3. ROVER is a **FLY-OVER** waypoint. All other waypoints are fly-by.



LEKEN 1C SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.8% (231 ft/NM) until passing 1 300 ft is required.

SPEED RESTRICTION

Speed restriction of 205 KIAS or greater at ROVER and 220 KIAS until HH322.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: LEKEN 1C RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	ROVER	Y	083 (080)	+3.0	3.4	-	-	+205	RNP 1
03	CF	HH322	-	183 (180)	+3.0	-	R	-	@220	RNP 1
04	TF	RAMEN	-	183 (180)	+3.0	5.5	-	+6000	-	RNP 1
05	TF	VEDVO	-	120 (117)	+3.0	11.0	-	+FL110	-	RNP 1
06	TF	SEGPO	-	147 (144)	+3.0	8.8	-	+FL140	-	RNP 1
07	TF	LUBMO	-	091 (088)	+3.0	9.8	-	-	-	RNP 1
08	TF	LEKEN	-	106 (103)	+3.0	21.8	-	-	-	RNP 1

WAYPOINT LIST

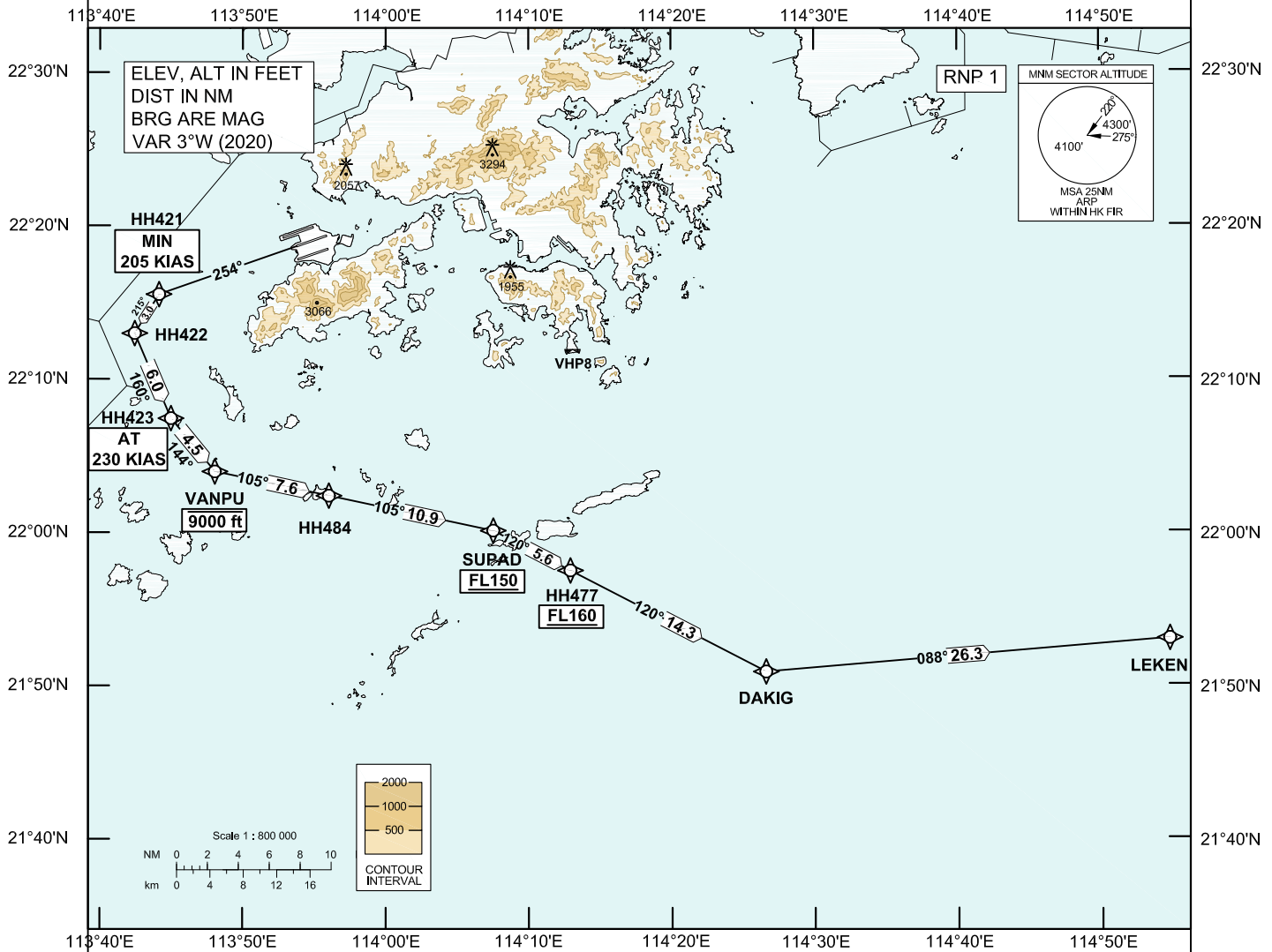
LEKEN 1C RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
ROVER	22 20 35.58N	114 01 39.12E
HH322	22 15 08.88N	114 05 12.88E
RAMEN	22 09 39.22N	114 05 09.89E
VEDVO	22 04 38.19N	114 15 43.05E
SEGPO	21 57 32.77N	114 21 18.59E
LUBMO	21 57 55.24N	114 31 52.98E
LEKEN	21 53 01.06N	114 54 44.95E

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

Transition Altitude	9 000 ft
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) LEKEN 1D SID RWY 25C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.



LEKEN 1D SID RWY 25C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.3% (201 ft/NM).

SPEED RESTRICTION

Speed restriction of 205 KIAS or greater at HH421 and 230 KIAS until HH423.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: LEKEN 1D RWY 25C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH421	-	254 (251)	+3.0	-	-	-	+205	RNP 1
02	TF	HH422	-	215 (212)	+3.0	3.0	-	-	-	RNP 1
03	TF	HH423	-	160 (157)	+3.0	6.0	-	-	@230	RNP 1
04	TF	VANPU	-	144 (141)	+3.0	4.5	-	-9000	-	RNP 1
05	TF	HH484	-	105 (102)	+3.0	7.6	-	-	-	RNP 1
06	TF	SUPAD	-	105 (102)	+3.0	10.9	-	+FL150	-	RNP 1
07	TF	HH477	-	120 (117)	+3.0	5.6	-	+FL160	-	RNP 1
08	TF	DAKIG	-	120 (117)	+3.0	14.3	-	-	-	RNP 1
09	TF	LEKEN	-	088 (085)	+3.0	26.3	-	-	-	RNP 1

WAYPOINT LIST

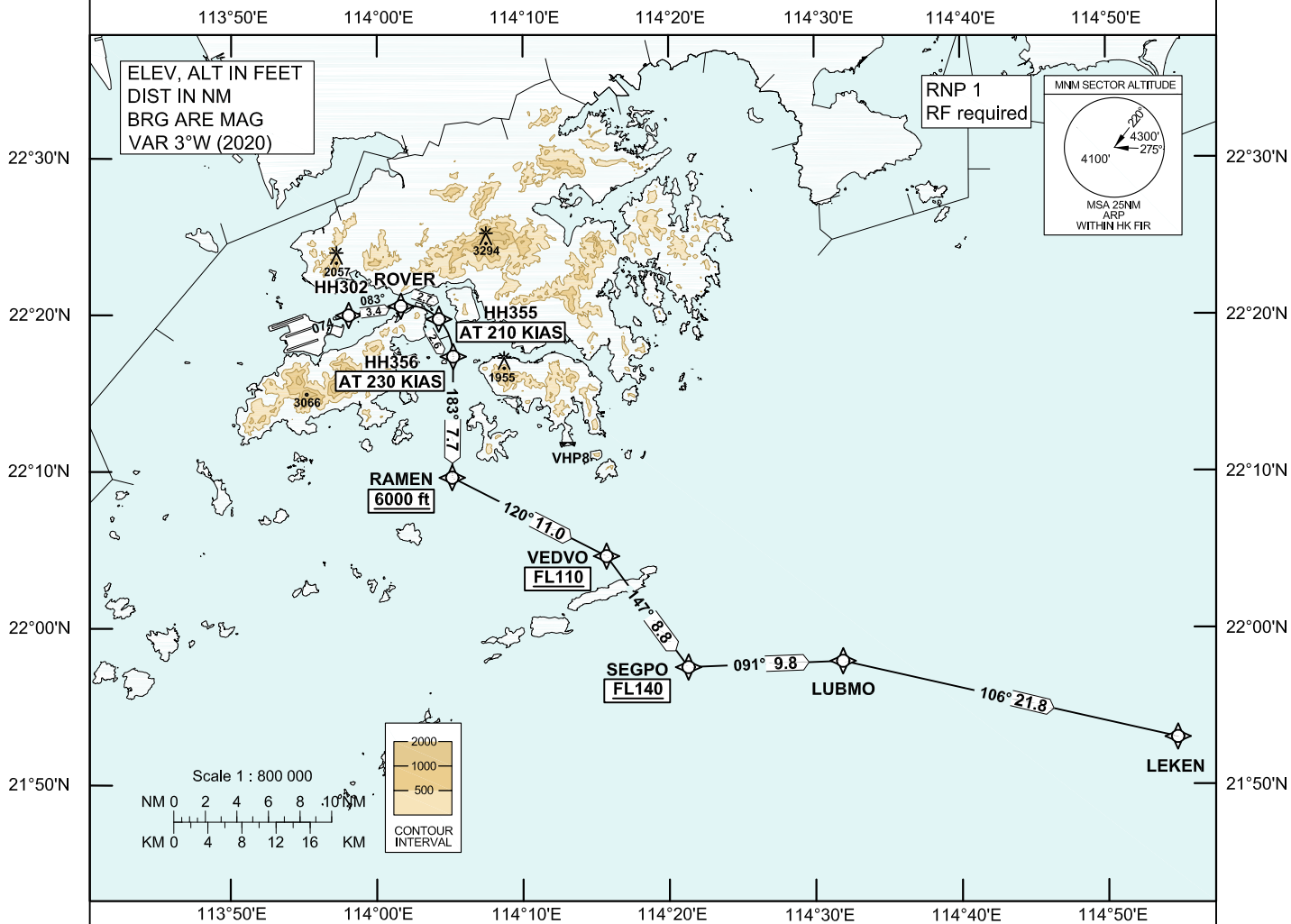
LEKEN 1D RWY 25C		
Waypoint Identifier	Coordinates (WGS-84)	
HH421	22 15 31.13N	113 44 09.41E
HH422	22 12 58.53N	113 42 27.41E
HH423	22 07 26.10N	113 44 59.40E
VANPU	22 03 57.95N	113 48 03.85E
HH484	22 02 23.21N	113 56 01.92E
SUPAD	22 00 05.99N	114 07 30.72E
HH477	21 57 29.80N	114 12 54.07E
DAKIG	21 50 52.90N	114 26 33.33E
LEKEN	21 53 01.06N	114 54 44.95E

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

Transition Altitude 9 000 ft	
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) LEKEN 1Y SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.
3. **Radius-to-fix (RF) leg is required.** Aircraft shall have RF capability as stipulated in the Aircraft Flight Manual or its FMS manual. For aircraft without RF capability, pilot shall request the corresponding non-RF SID procedure from Hong Kong Delivery.



LEKEN 1Y SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.4% (207 ft/NM) until passing 1 200 ft is required.

SPEED RESTRICTION

Speed restriction of 210 KIAS at HH355 and 230 KIAS at HH356.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: LEKEN 1Y RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	ROVER	-	083 (080)	+3.0	3.4	-	-	-	RNP 1
03	RF Centre: HH955 r=2.642 NM	HH355	-	-	+3.0	2.7	R	-	@210	RNP 1
04	RF Centre: HH956 r=3.494 NM	HH356	-	-	+3.0	2.6	R	-	@230	RNP 1
05	TF	RAMEN	-	183 (180)	+3.0	7.7	-	+6000	-	RNP 1
06	TF	VEDVO	-	120 (117)	+3.0	11.0	-	+FL110	-	RNP 1
07	TF	SEGPO	-	147 (144)	+3.0	8.8	-	+FL140	-	RNP 1
08	TF	LUBMO	-	091 (088)	+3.0	9.8	-	-	-	RNP 1
09	TF	LEKEN	-	106 (103)	+3.0	21.8	-	-	-	RNP 1

WAYPOINT LIST

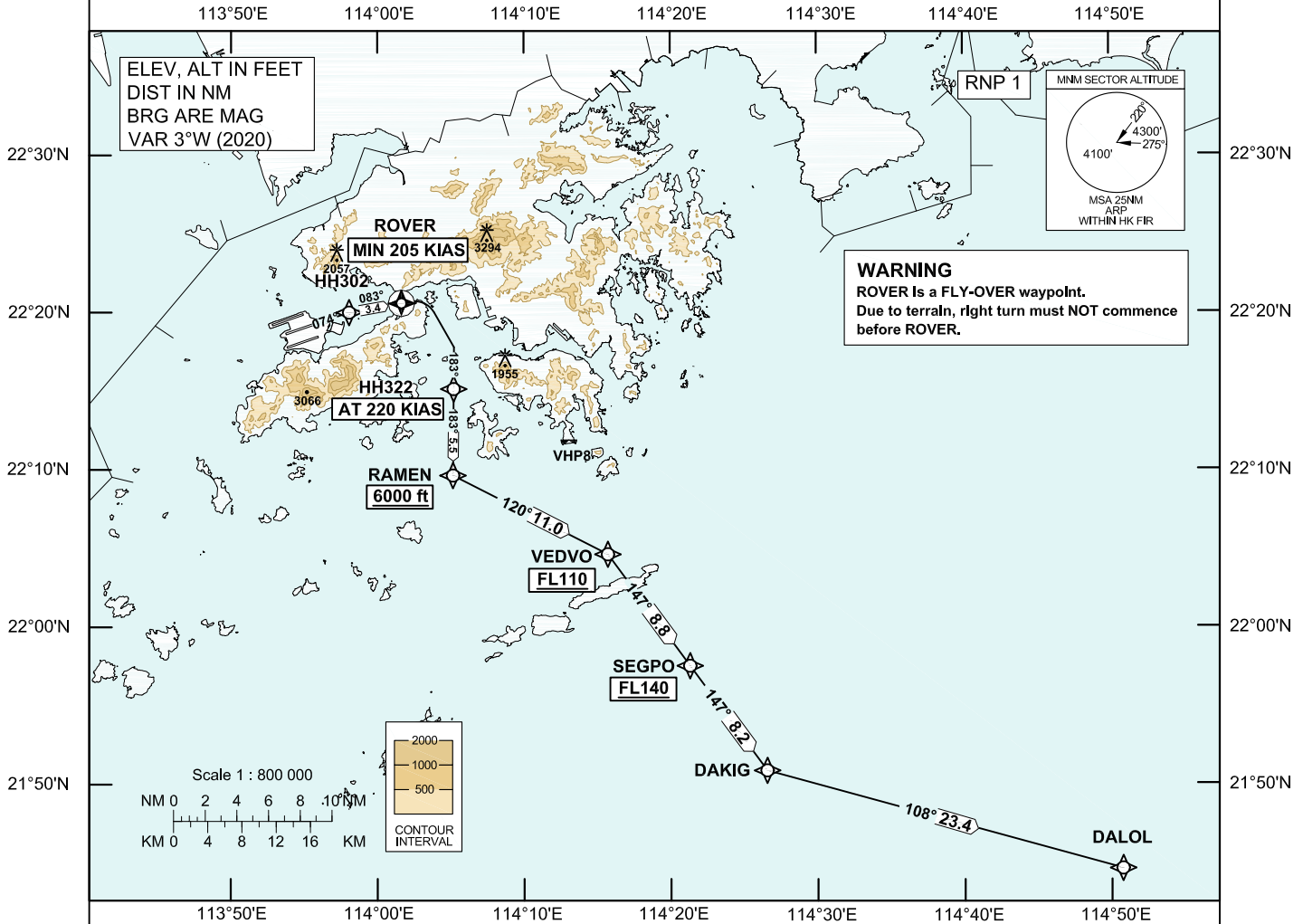
LEKEN 1Y RWY 07R		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
ROVER	22 20 35.58N	114 01 39.12E
HH355	22 19 45.97N	114 04 15.23E
HH356	22 17 22.57N	114 05 14.10E
RAMEN	22 09 39.22N	114 05 09.89E
VEDVO	22 04 38.19N	114 15 43.05E
SEGPO	21 57 32.77N	114 21 18.59E
LUBMO	21 57 55.24N	114 31 52.98E
LEKEN	21 53 01.06N	114 54 44.95E
RF Arc Centre Identifier	Coordinates (WGS-84)	
HH955	22 17 58.85N	114 02 08.75E
HH956	22 17 24.31N	114 01 27.97E

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

Transition Altitude 9 000 ft	
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) DALOL 1C SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.
3. ROVER is a **FLY-OVER** waypoint. All other waypoints are fly-by.



DALOL 1C SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.8% (231 ft/NM) until passing 1 300 ft is required.

SPEED RESTRICTION

Speed restriction of 205 KIAS or greater at ROVER and 220 KIAS until HH322.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: DALOL 1C RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	ROVER	Y	083 (080)	+3.0	3.4	-	-	+205	RNP 1
03	CF	HH322	-	183 (180)	+3.0	-	R	-	@220	RNP 1
04	TF	RAMEN	-	183 (180)	+3.0	5.5	-	+6000	-	RNP 1
05	TF	VEDVO	-	120 (117)	+3.0	11.0	-	+FL110	-	RNP 1
06	TF	SEGPO	-	147 (144)	+3.0	8.8	-	+FL140	-	RNP 1
07	TF	DAKIG	-	147 (144)	+3.0	8.2	-	-	-	RNP 1
08	TF	DALOL	-	108 (105)	+3.0	23.4	-	-	-	RNP 1

WAYPOINT LIST

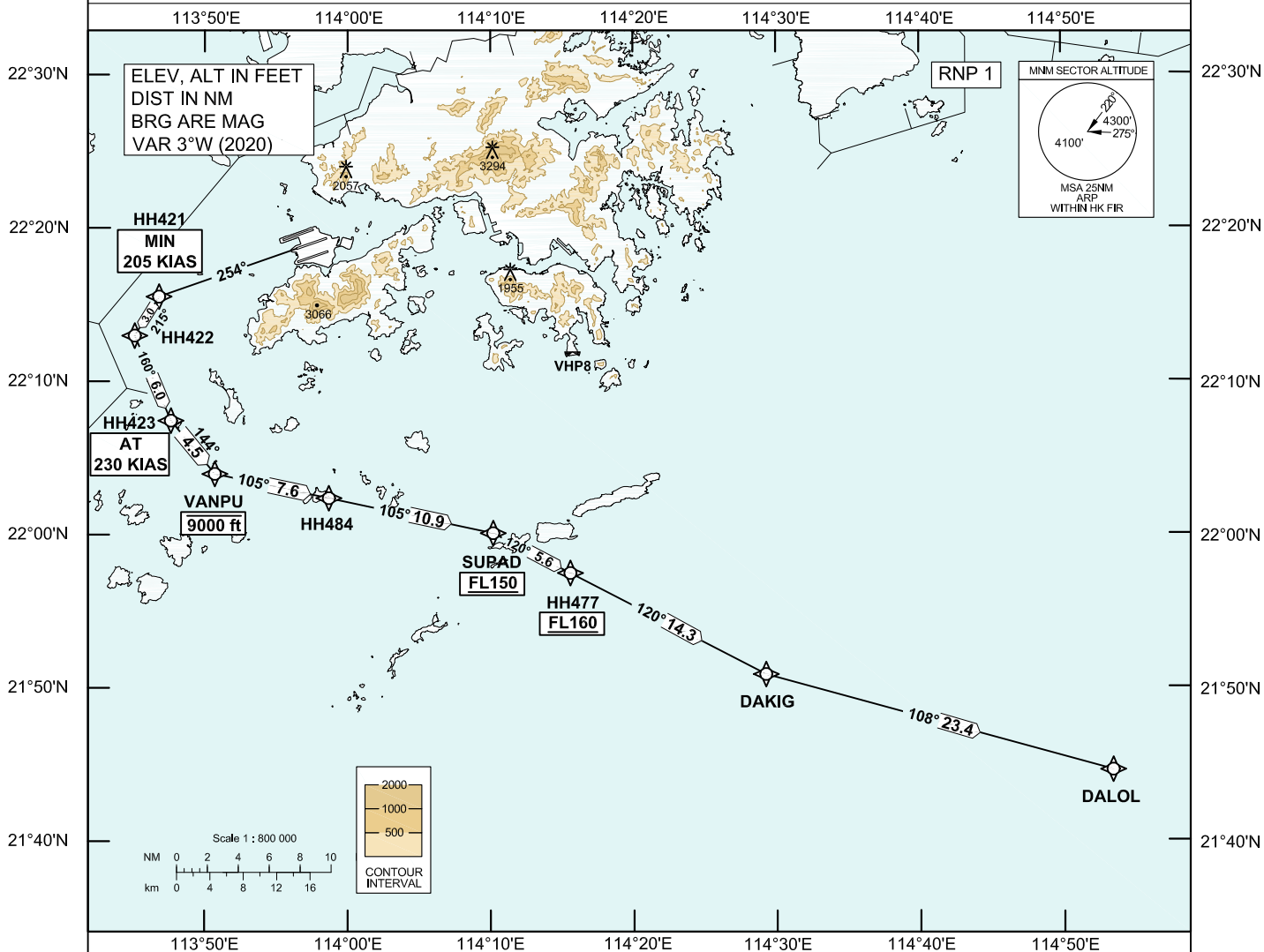
DALOL 1C RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
ROVER	22 20 35.58N	114 01 39.12E
HH322	22 15 08.88N	114 05 12.88E
RAMEN	22 09 39.22N	114 05 09.89E
VEDVO	22 04 38.19N	114 15 43.05E
SEGPO	21 57 32.77N	114 21 18.59E
DAKIG	21 50 52.90N	114 26 33.33E
DALOL	21 44 36.90N	114 50 45.34E

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

Transition Altitude	9 000 ft
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) DALOL 1D SID RWY 25C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.



DALOL 1D SID RWY 25C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.3% (201 ft/NM).

SPEED RESTRICTION

Speed restriction of 205 KIAS or greater at HH421 and 230 KIAS until HH423.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: DALOL 1D RWY 25C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH421	-	254 (251)	+3.0	-	-	-	+205	RNP 1
02	TF	HH422	-	215 (212)	+3.0	3.0	-	-	-	RNP 1
03	TF	HH423	-	160 (157)	+3.0	6.0	-	-	@230	RNP 1
04	TF	VANPU	-	144 (141)	+3.0	4.5	-	-9000	-	RNP 1
05	TF	HH484	-	105 (102)	+3.0	7.6	-	-	-	RNP 1
06	TF	SUPAD	-	105 (102)	+3.0	10.9	-	+FL150	-	RNP 1
07	TF	HH477	-	120 (117)	+3.0	5.6	-	+FL160	-	RNP 1
08	TF	DAKIG	-	120 (117)	+3.0	14.3	-	-	-	RNP 1
09	TF	DALOL	-	108 (105)	+3.0	23.4	-	-	-	RNP 1

WAYPOINT LIST

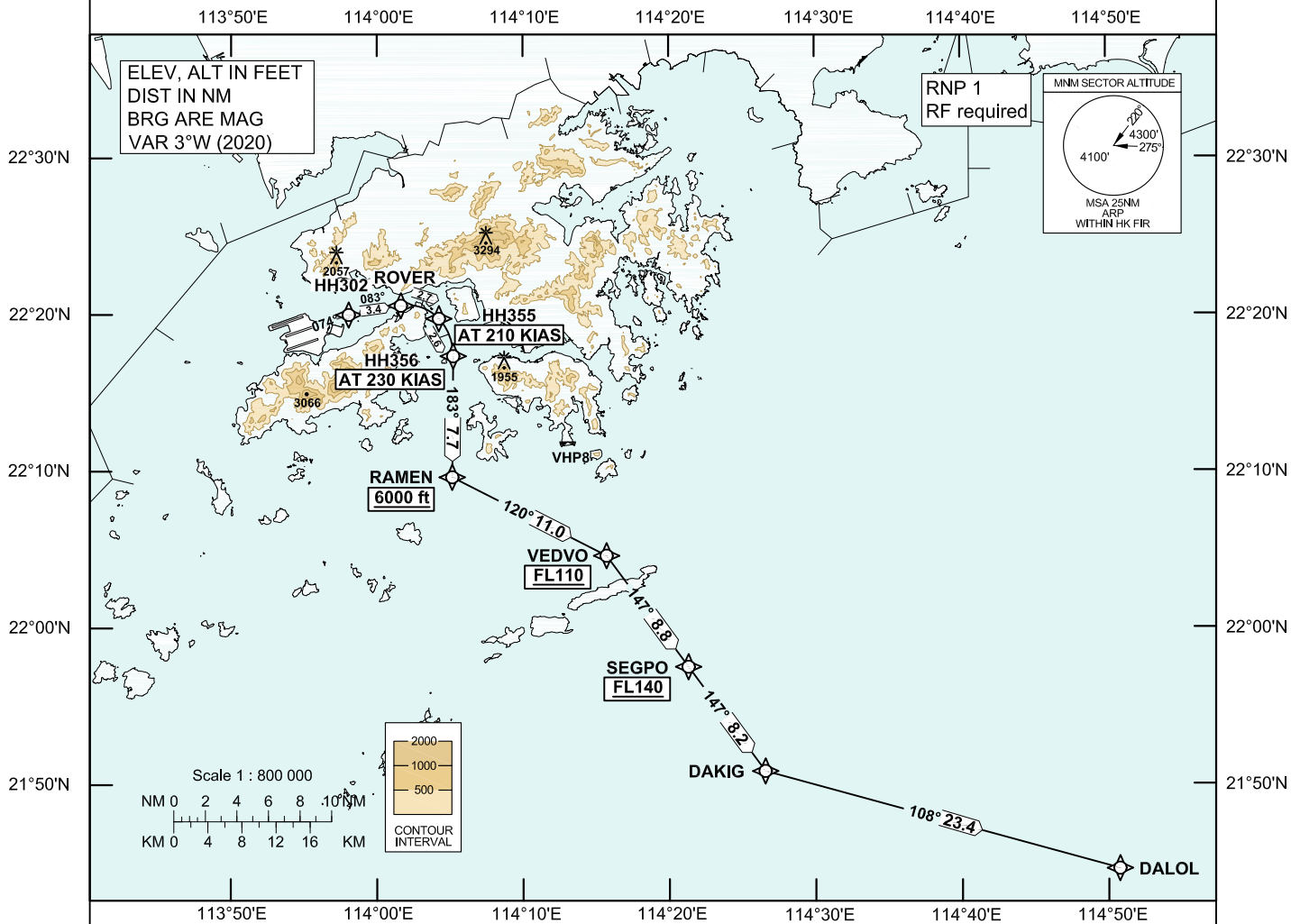
DALOL 1D RWY 25C		
Waypoint Identifier	Coordinates (WGS-84)	
HH421	22 15 31.13N	113 44 09.41E
HH422	22 12 58.53N	113 42 27.41E
HH423	22 07 26.10N	113 44 59.40E
VANPU	22 03 57.95N	113 48 03.85E
HH484	22 02 23.21N	113 56 01.92E
SUPAD	22 00 05.99N	114 07 30.72E
HH477	21 57 29.80N	114 12 54.07E
DAKIG	21 50 52.90N	114 26 33.33E
DALOL	21 44 36.90N	114 50 45.34E

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

Transition Altitude 9 000 ft	
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) DALOL 1Y SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.
3. **Radius-to-fix (RF) leg is required.** Aircraft shall have RF capability as stipulated in the Aircraft Flight Manual or its FMS manual. For aircraft without RF capability, pilot shall request the corresponding non-RF SID procedure from Hong Kong Delivery.



DALOL 1Y SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.4% (207 ft/NM) until passing 1 200 ft is required.

SPEED RESTRICTION

Speed restriction of 210 KIAS at HH355 and 230 KIAS at HH356.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: DALOL 1Y RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	ROVER	-	083 (080)	+3.0	3.4	-	-	-	RNP 1
03	RF Centre: HH955 r=2.642 NM	HH355	-	-	+3.0	2.7	R	-	@210	RNP 1
04	RF Centre: HH956 r=3.494 NM	HH356	-	-	+3.0	2.6	R	-	@230	RNP 1
05	TF	RAMEN	-	183 (180)	+3.0	7.7	-	+6000	-	RNP 1
06	TF	VEDVO	-	120 (117)	+3.0	11.0	-	+FL110	-	RNP 1
07	TF	SEGPO	-	147 (144)	+3.0	8.8	-	+FL140	-	RNP 1
08	TF	DAKIG	-	147 (144)	+3.0	8.2	-	-	-	RNP 1
09	TF	DALOL	-	108 (105)	+3.0	23.4	-	-	-	RNP 1

WAYPOINT LIST

DALOL 1Y RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
ROVER	22 20 35.58N	114 01 39.12E
HH355	22 19 45.97N	114 04 15.23E
HH356	22 17 22.57N	114 05 14.10E
RAMEN	22 09 39.22N	114 05 09.89E
VEDVO	22 04 38.19N	114 15 43.05E
SEGPO	21 57 32.77N	114 21 18.59E
DAKIG	21 50 52.90N	114 26 33.33E
DALOL	21 44 36.90N	114 50 45.34E
RF Arc Centre Identifier	Coordinates (WGS-84)	
HH955	22 17 58.85N	114 02 08.75E
HH956	22 17 24.31N	114 01 27.97E

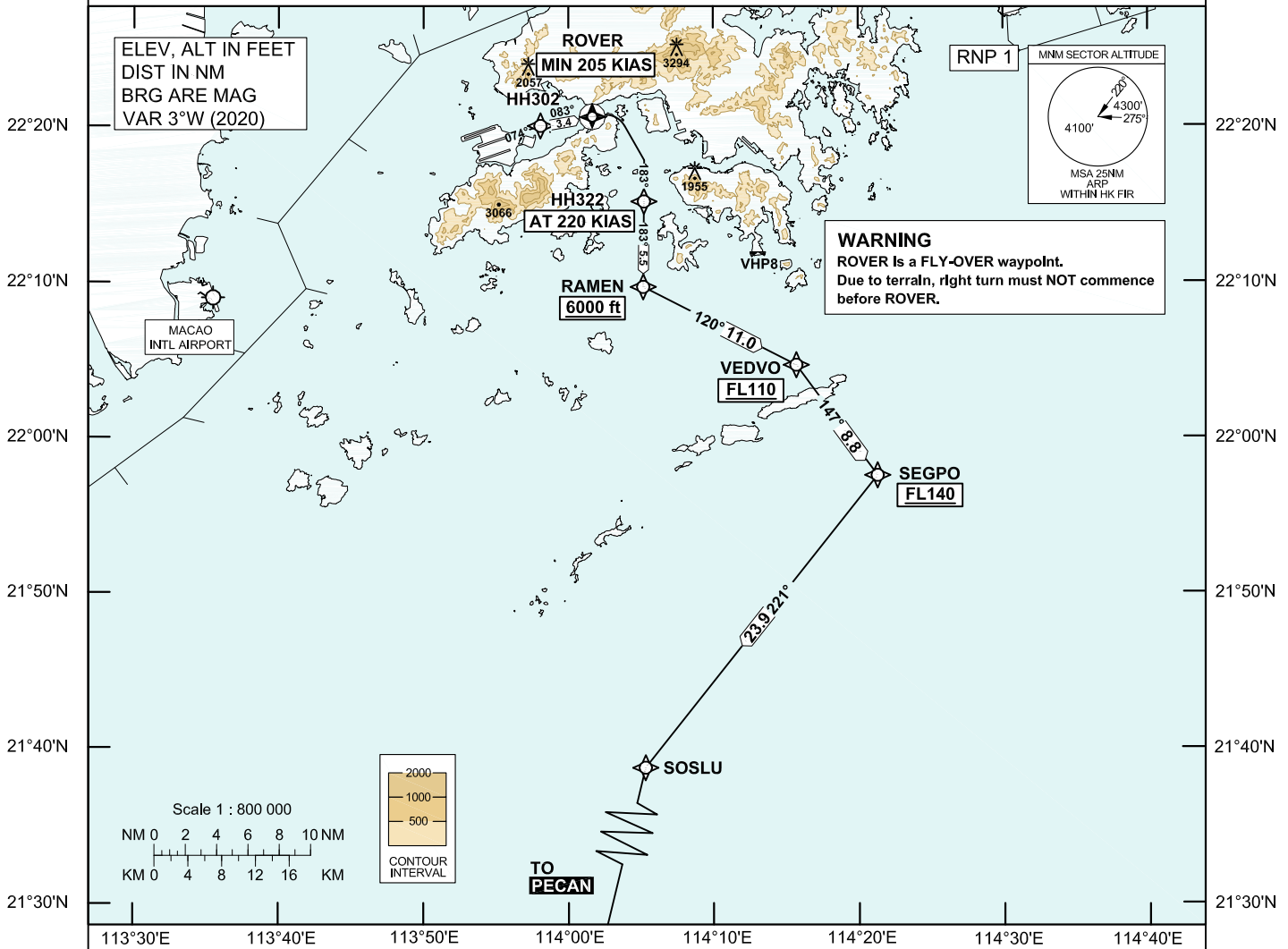
**STANDARD DEPARTURE CHART-
INSTRUMENT (SID) - ICAO**

Transition Altitude 9 000 ft	
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) PECAN 1C SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.
3. ROVER is a **FLY-OVER** waypoint. All other waypoints are fly-by.

113°30'E 113°40'E 113°50'E 114°00'E 114°10'E 114°20'E 114°30'E 114°40'E



PECAN 1C SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.8% (231 ft/NM) until passing 1 300 ft is required.

SPEED RESTRICTION

Speed restriction of 205 KIAS or greater at ROVER and 220 KIAS until HH322.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: PECAN 1C RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	ROVER	Y	083 (080)	+3.0	3.4	-	-	+205	RNP 1
03	CF	HH322	-	183 (180)	+3.0	-	R	-	@220	RNP 1
04	TF	RAMEN	-	183 (180)	+3.0	5.5	-	+6000	-	RNP 1
05	TF	VEDVO	-	120 (117)	+3.0	11.0	-	+FL110	-	RNP 1
06	TF	SEGPO	-	147 (144)	+3.0	8.8	-	+FL140	-	RNP 1
07	TF	SOSLU	-	221 (218)	+3.0	23.9	-	-	-	RNP 1
08	TF	PECAN	-	197 (194)	+3.0	12.7	-	-	-	RNP 1

WAYPOINT LIST

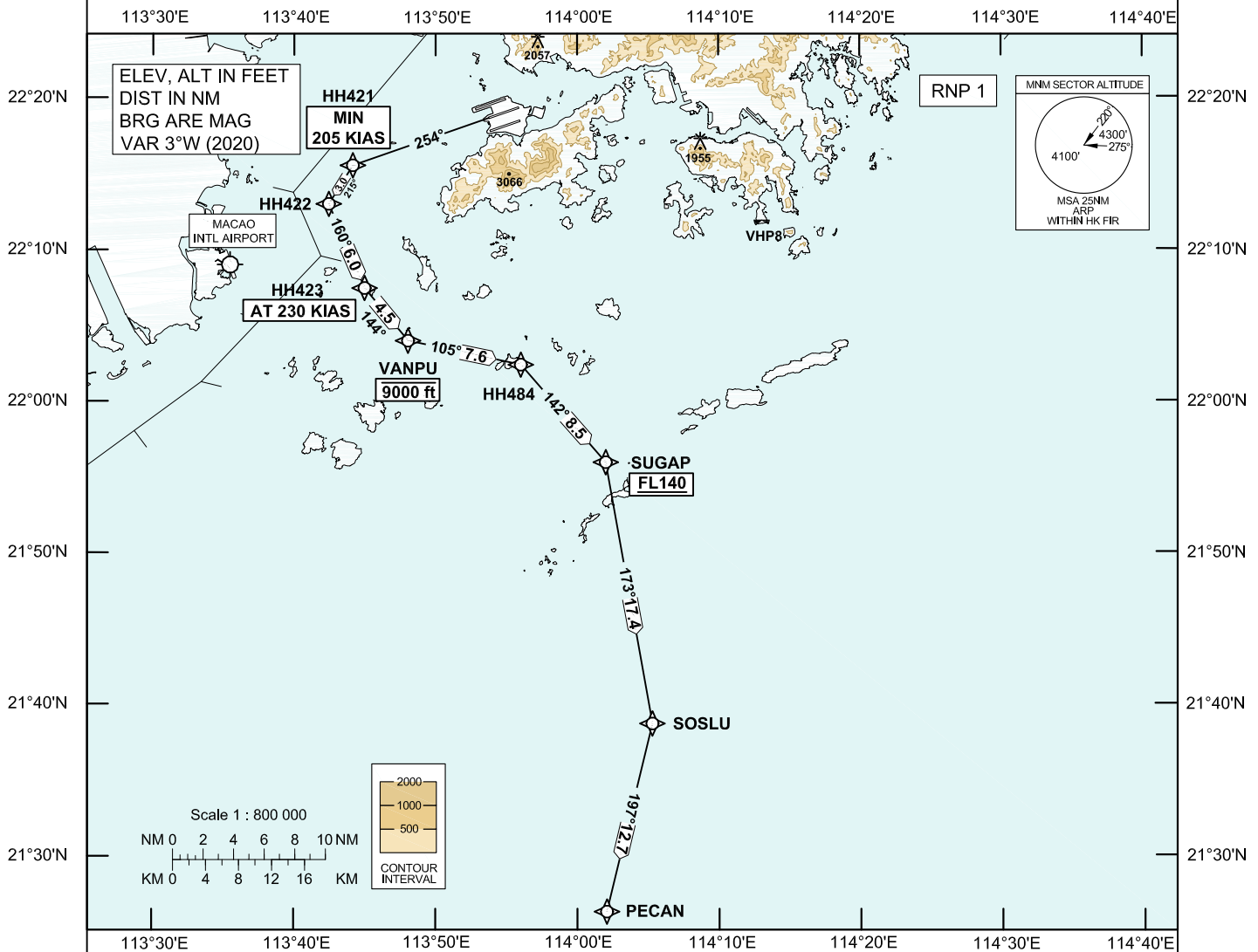
PECAN 1C RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
ROVER	22 20 35.58N	114 01 39.12E
HH322	22 15 08.88N	114 05 12.88E
RAMEN	22 09 39.22N	114 05 09.89E
VEDVO	22 04 38.19N	114 15 43.05E
SEGPO	21 57 32.77N	114 21 18.59E
SOSLU	21 38 44.03N	114 05 18.39E
PECAN	21 26 20.19N	114 02 05.64E

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

Transition Altitude	9 000 ft
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) PECAN 1D SID RWY 25C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.



PECAN 1D SID RWY 25C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.3% (201 ft/NM).

SPEED RESTRICTION

Speed restriction of 205 KIAS or greater at HH421 and 230 KIAS until HH423.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: PECAN 1D RWY 25C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH421	-	254 (251)	+3.0	-	-	-	+205	RNP 1
02	TF	HH422	-	215 (212)	+3.0	3.0	-	-	-	RNP 1
03	TF	HH423	-	160 (157)	+3.0	6.0	-	-	@230	RNP 1
04	TF	VANPU	-	144 (141)	+3.0	4.5	-	-9000	-	RNP 1
05	TF	HH484	-	105 (102)	+3.0	7.6	-	-	-	RNP 1
06	TF	SUGAP	-	142 (139)	+3.0	8.5		+FL140	-	RNP 1
07	TF	SOSLU	-	173 (170)	+3.0	17.4		-	-	RNP 1
08	TF	PECAN	-	197 (194)	+3.0	12.7	-	-	-	RNP 1

WAYPOINT LIST

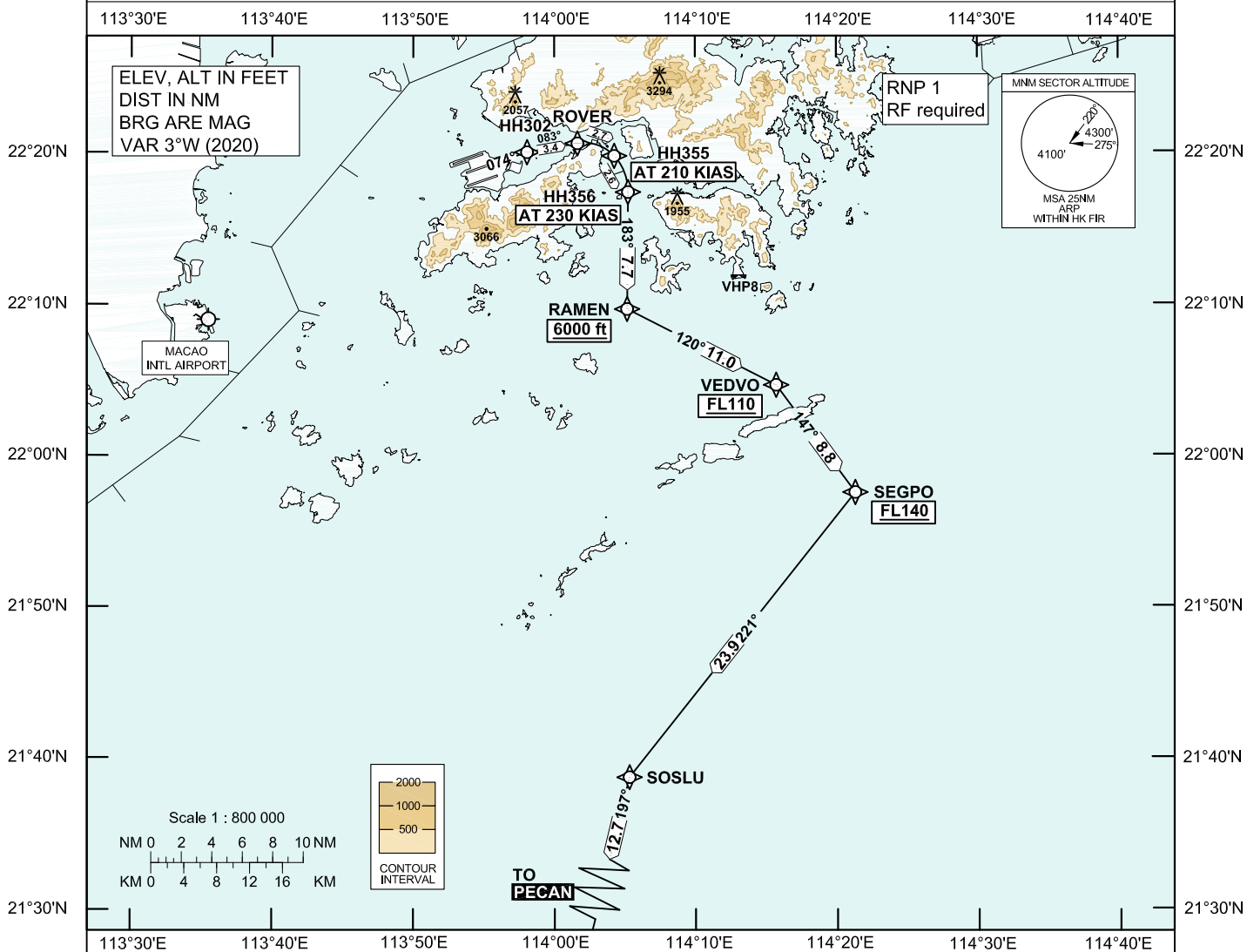
PECAN 1D RWY 25C		
Waypoint Identifier	Coordinates (WGS-84)	
HH421	22 15 31.13N	113 44 09.41E
HH422	22 12 58.53N	113 42 27.41E
HH423	22 07 26.10N	113 44 59.40E
VANPU	22 03 57.95N	113 48 03.85E
HH484	22 02 23.21N	113 56 01.92E
SUGAP	21 55 57.44N	114 02 01.64E
SOSLU	21 38 44.03N	114 05 18.39E
PECAN	21 26 20.19N	114 02 05.64E

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

Transition Altitude	9 000 ft
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RNAV (GNSS) PECAN 1Y SID RWY 07C**

1. In the event that PBN performance ceases to comply with the requirements for RNP 1 after departure, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.
2. Only specific categories of flights (e.g. SAR) as stated in GEN 1.5 para 3.5.3.5 are exempted from the RNP 1 requirement. These flights shall fly the contingency procedures as detailed in VHHH AD 2.22 para 2.2.3.5.
3. **Radius-to-fix (RF) leg is required.** Aircraft shall have RF capability as stipulated in the Aircraft Flight Manual or its FMS manual. For aircraft without RF capability, pilot shall request the corresponding non-RF SID procedure from Hong Kong Delivery.



PECAN 1Y SID RWY 07C

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC. Comply with all the published altitude restrictions. If unable to comply with the vertical profile, pilot shall inform ATC prior to start-up.

TERRAIN CLEARANCE

Minimum climb gradient of 3.4% (207 ft/NM) until passing 1 200 ft is required.

SPEED RESTRICTION

Speed restriction of 210 KIAS at HH355 and 230 KIAS at HH356.

CHANGE: New procedure.

FMC Database Coding Reference for Hong Kong RNAV_(GNSS) SID**TABULAR DESCRIPTION: PECAN 1Y RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	CF	HH302	-	074 (071)	+3.0	-	-	-	-	RNP 1
02	TF	ROVER	-	083 (080)	+3.0	3.4	-	-	-	RNP 1
03	RF Centre: HH955 r=2.642 NM	HH355	-	-	+3.0	2.7	R	-	@210	RNP 1
04	RF Centre: HH956 r=3.494 NM	HH356	-	-	+3.0	2.6	R	-	@230	RNP 1
05	TF	RAMEN	-	183 (180)	+3.0	7.7	-	+6000	-	RNP 1
06	TF	VEDVO	-	120 (117)	+3.0	11.0	-	+FL110	-	RNP 1
07	TF	SEGPO	-	147 (144)	+3.0	8.8	-	+FL140	-	RNP 1
08	TF	SOSLU	-	221 (218)	+3.0	23.9	-	-	-	RNP 1
09	TF	PECAN	-	197 (194)	+3.0	12.7	-	-	-	RNP 1

WAYPOINT LIST

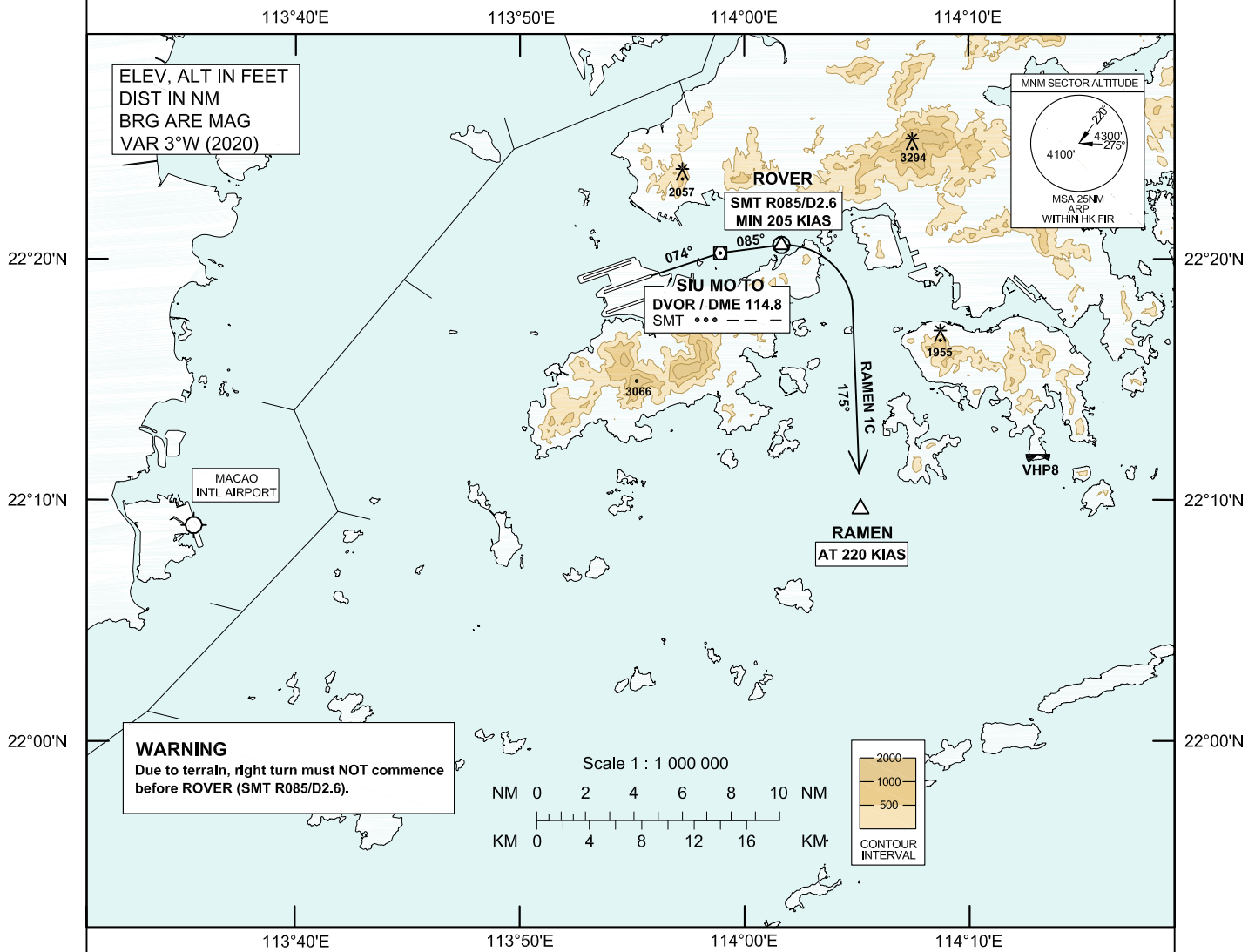
PECAN 1Y RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
HH302	22 20 00.43N	113 58 04.56E
ROVER	22 20 35.58N	114 01 39.12E
HH355	22 19 45.97N	114 04 15.23E
HH356	22 17 22.57N	114 05 14.10E
RAMEN	22 09 39.22N	114 05 09.89E
VEDVO	22 04 38.19N	114 15 43.05E
SEGPO	21 57 32.77N	114 21 18.59E
SOSLU	21 38 44.03N	114 05 18.39E
PECAN	21 26 20.19N	114 02 05.64E
RF Arc Centre Identifier	Coordinates (WGS-84)	
HH955	22 17 58.85N	114 02 08.75E
HH956	22 17 24.31N	114 01 27.97E

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

Transition Altitude 9 000 ft	
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RAMEN 1C SID RWY 07C**

1. This is contingency procedure exclusive for flights exempted from RNP1 requirement as specified in GEN 1.5 para 3.5.3.5.
2. DME is required.
3. To maintain terrain clearance, **DO NOT** turn right before passing ROVER (SMT R085/D2.6).



RAMEN 1C SID RWY 07C

CONVENTIONAL PROCEDURE

Track 074° SMT DVOR. Depart SMT DVOR on RDL085 to ROVER (SMT R085/D2.6). At ROVER, turn right to track 175°M, request radar vectors to RAMEN.

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC.

TERRAIN CLEARANCE

Minimum climb gradient of 3.8% (231 ft/NM) until leaving 1 300 ft is required.

SPEED RESTRICTION

Speed restriction of 205 KIAS or greater at ROVER and 220 KIAS until RAMEN.

CHANGE: New Procedure.

RWY 07C RAMEN 1C DEPARTURE**NAVIGATION AIDS**

Navaid/Ident	Frequency	Coordinates	Remarks
SMT DVOR	114.8 MHz	22 20 15.43N 113 58 55.46E	Co-located
SMT DME	CH 95X		

WAYPOINT LIST

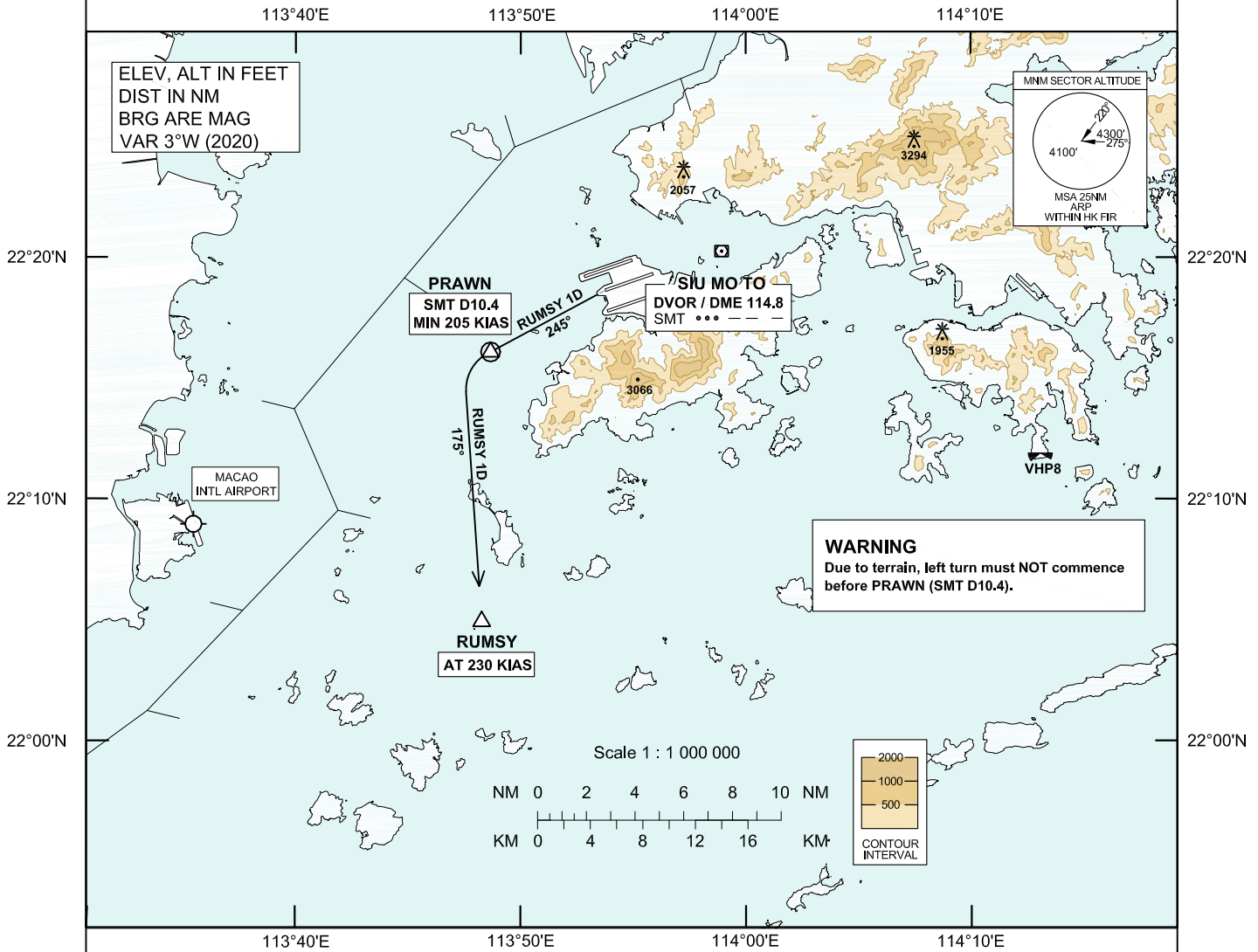
RAMEN 1C RWY 07C			
Waypoint Identifier	Coordinates (WGS-84)		Cross Reference from Navaid
ROVER	22 20 35.58N	114 01 39.12E	SMT RDL 085 DME 2.6 NM
RAMEN	22 09 39.22N	114 05 09.89E	-
SMT	22 20 15.43N	113 58 55.46E	SMT DVOR/DME

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

Transition Altitude	9 000 ft
Hong Kong Tower	118.2
Hong Kong Departure	123.8

**HONG KONG / Intl (VHHH)
RUMSY 1D SID RWY 25C**

1. This is contingency procedure exclusive for flights exempted from RNP1 requirement as specified in GEN 1.5 para 3.5.3.5.
2. DME is required.
3. To maintain terrain clearance, **DO NOT** turn left before passing the departure end of runway and **DO NOT** turn left before passing PRAWN (SMT D10.4).



RUMSY 1D SID RWY 25C

CONVENTIONAL PROCEDURE

Climb straight ahead to 430 ft. Then track 245° to PRAWN (SMT D10.4). At PRAWN turn left track 175°, request radar vectors to RUMSY.

CLIMB REQUIREMENT

Initial climb to 5 000 ft. Expect further climb when instructed by ATC.

TERRAIN CLEARANCE

Minimum climb gradient of 3.3% (201 ft/NM).

SPEED RESTRICTION

Speed restriction of 205 KIAS or greater at PRAWN and 230 KIAS until RUMSY.

CHANGE: New Procedure.

RWY 25C RUMSY 1D DEPARTURE**NAVIGATION AIDS**

Navaid/Ident	Frequency	Coordinates	Remarks
SMT DVOR	114.8 MHz	22 20 15.43N 113 58 55.46E	Co-located
SMT DME	CH 95X		

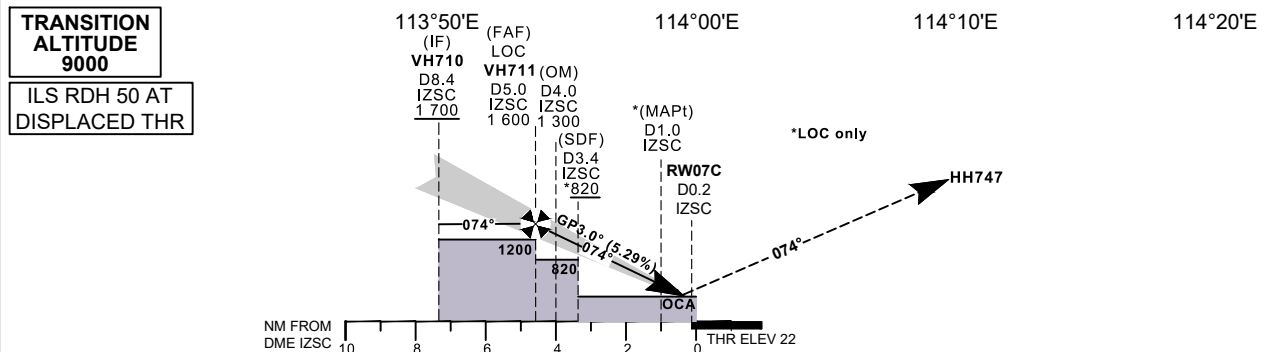
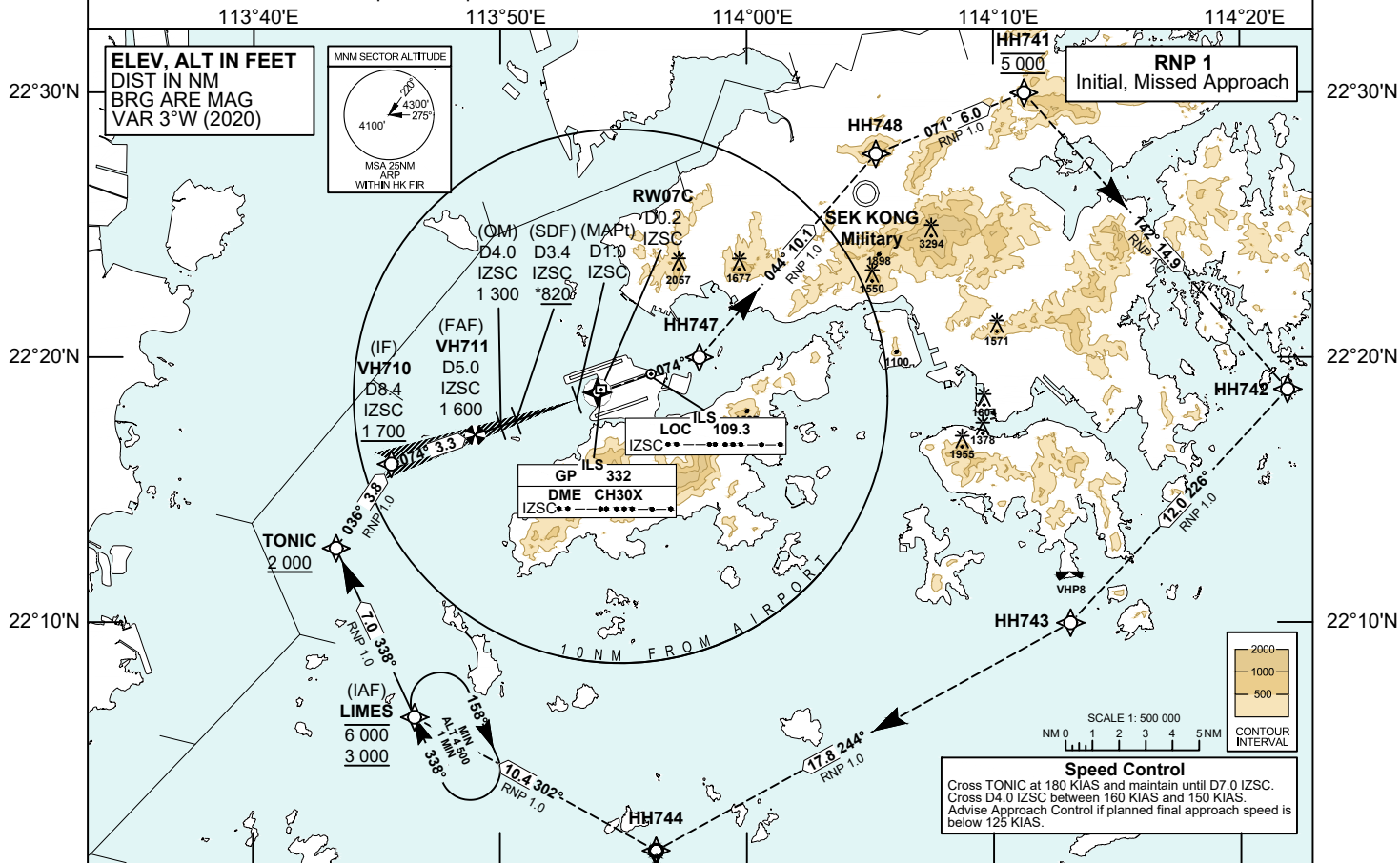
WAYPOINT LIST

RUMSY 1D RWY 25C			
Waypoint Identifier	Coordinates (WGS-84)		Cross Reference from Navaid
PRAWN	22 16 05.40N	113 48 40.10E	SMT DME 10.4NM
RUMSY	22 04 56.94N	113 48 16.79E	-

AD 2-VHHH-IAC-03A(insert)

INSTRUMENT APPROACH CHART - ICAO	AERODROME ELEV 28 FT HEIGHTS RELATED TO THR RWY 07C - ELEV 22 FT	TOWER 118.2 APPROACH 119.1 DIRECTOR 119.5	HONG KONG / INTL (VHHH) ILS CAT II or LOC RWY 07C
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- Warnings**
1. LOC IZSC UNUSABLE BEYOND 22° LEFT OF COURSE AND BEYOND 26° RIGHT OF COURSE
 2. PILOTS SHOULD MONITOR FOR FALSE CAPTURE OF LOC AND GP BY COMPARING INDICATIONS WITH AIRCRAFT POSITION AND ALTITUDE
- Notes**
1. DME is required.
 2. If unable RNP 1, inform ATC accordingly. If unable RNP 1 during missed approach, continue on the published missed approach track, climb and pass Minimum Sector Altitude (MSA) 4 300 ft as soon as practicable, and continue to 5 000 ft.
 3. Simultaneous dependent operation is authorized with RWY 07R.



MISSED APPROACH
Climb to 5 000 ft. Track 074°M to HH747, then turn left to HH748. Track to HH741, then proceed to HH742, HH743, HH744 and LIMES.
Speed restriction: Maximum 200 KIAS until HH748, then maintain 230 KIAS until LIMES.

DME IZSC	5	4	3	2
DIST THR (NM)	4.8	3.8	2.8	1.8
ALTITUDE (FT)	1600	1280	960	640

CHANGE: New Procedure.	MISSED APPROACH CLIMB GRADIENT		OCA (OCH)											
			A	B	C	D								
	ILS CAT I	2.5%	781 (759)				Ground Speed	kt	80	100	120	140	160	180
		4.6%	222 (200)											
	ILS CAT II	4.9%	122 (100)				HH711-THR (4.9 NM)	min:s	3:39	2:55	2:26	2:05	1:49	1:37
	LOC (GP INOP)	2.5%	930 (902)				ROD (5.2%)	ft / min	420	520	630	730	840	940
3.9%		420 (392)												
VISUAL CIRCLING NOT AVAILABLE		N/A												

AD 2-VHHH-IAC-03A-1(*insert*)**ILS or LOC RWY 07C APPROACH****NAVIGATION AIDS**

Navaid/Ident	Frequency	Coordinates		Remarks
Localizer/IZSC	109.3 MHz	22 19 22.54N	113 56 06.89E	Course 074°M
Glide Path	332.0 MHz	22 18 47.96N	113 54 05.67E	3° glide slope Co-located
DME/IZSC	CH 30X			

TABULAR DESCRIPTION: ILS or LOC RWY 07C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	VPA	Navigation Specification
01	IF	LIMES	-	-	+3.0	-	-	-6000 +3000	-	-	RNP 1
02	TF	TONIC	-	338 (335)	+3.0	7.0	-	+2000	@180	-	RNP 1
03	TF	VH710	-	036 (033)	+3.0	3.8	-	+1700	@180	-	RNP 1
04	-	VH711	-	074 (071)	+3.0	3.3	-	-	-	-	Conventional
05	-	RW07C	Y	074 (071)	+3.0	4.9	-	-	-	-	Conventional
06	CF	HH747	-	074 (071)	+3.0	-	-	-	-200	-	RNP 1
07	TF	HH748	-	044 (041)	+3.0	10.1	-	-	@200	-	RNP 1
08	TF	HH741	-	071 (068)	+3.0	6.0	-	@5000	@230	-	RNP 1
09	TF	HH742	-	142 (139)	+3.0	14.9	-	-	@230	-	RNP 1
10	TF	HH743	-	226 (223)	+3.0	12.0	-	-	@230	-	RNP 1
11	TF	HH744	-	244 (241)	+3.0	17.8	-	-	@230	-	RNP 1
12	TF	LIMES	-	302 (299)	+3.0	10.4	-	-	@230	-	RNP 1

Note: Coding is not provided for final approach segment. Please refer to the chart for altitude and speed restrictions.

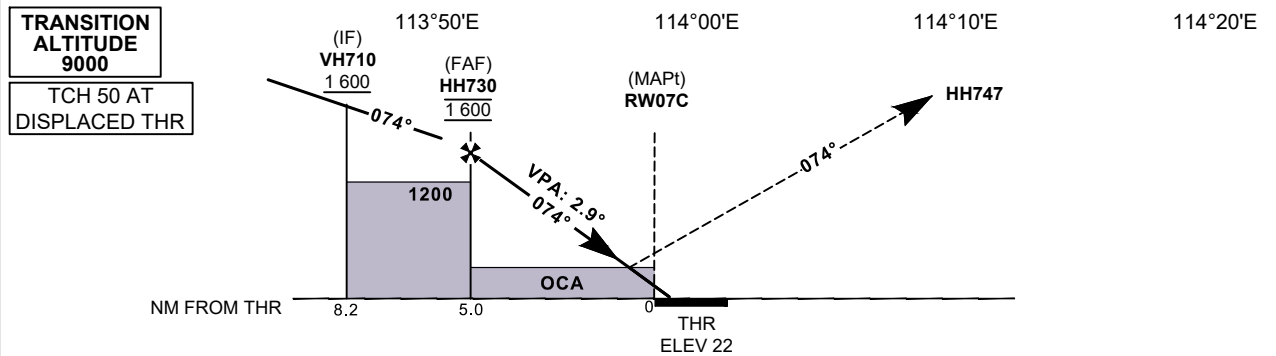
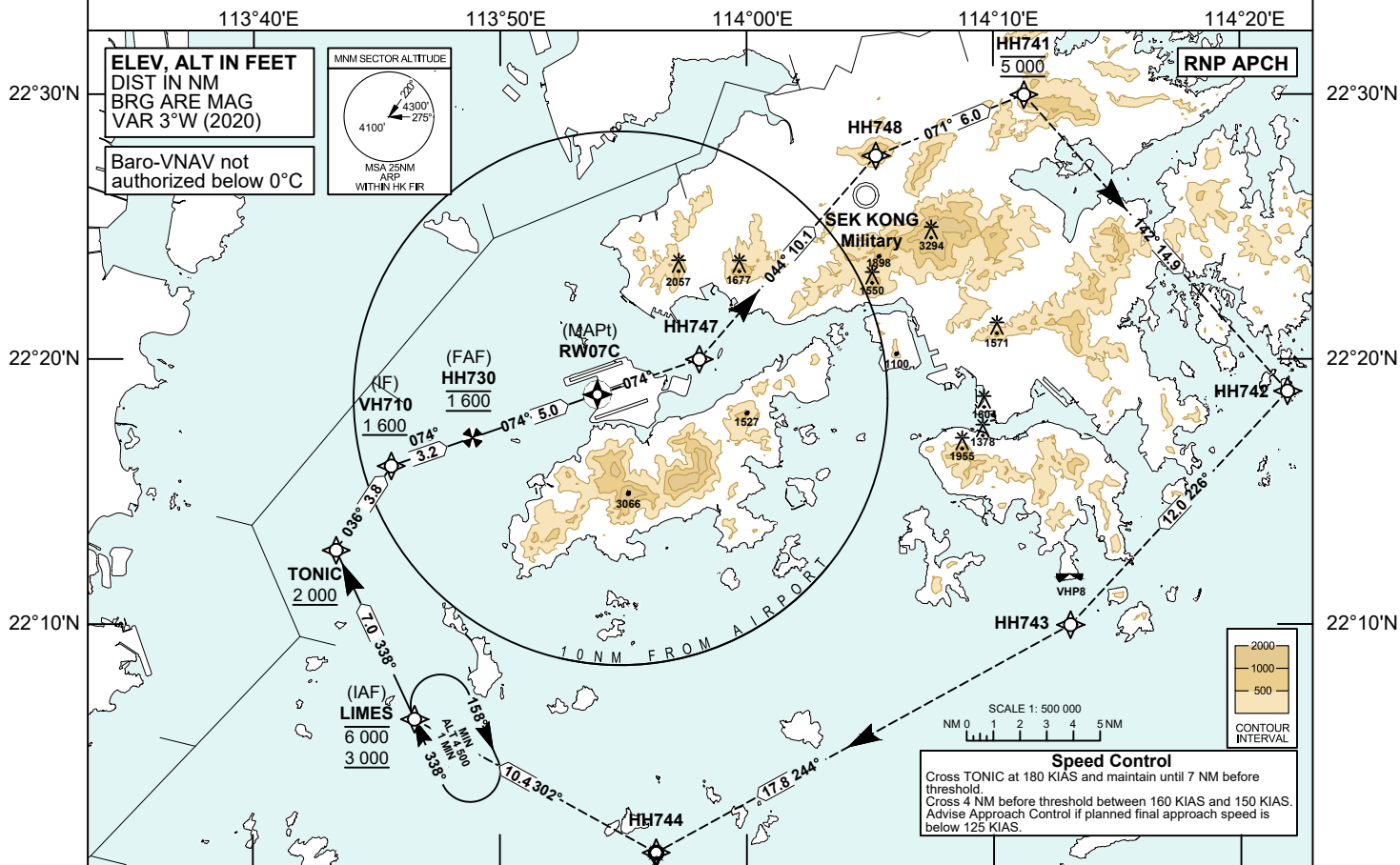
WAYPOINT LIST

ILS or LOC RWY 07C			
Waypoint Identifier	Coordinates (WGS-84)		Cross Reference from Navaid
LIMES (IAF)	22 06 25.60N	113 46 32.60E	
TONIC	22 12 47.88N	113 43 21.85E	
VH710 (IF)	22 15 58.80N	113 45 35.61E	IZSC DME 8.4 NM
VH711 (FAF)	22 17 04.63N	113 48 59.26E	IZSC DME 5.0 NM
SDF, LOC only	22 17 36.93N	113 50 39.30E	IZSC DME 3.4 NM
MAPt, LOC only	22 18 24.32N	113 53 06.18E	IZSC DME 1.0 NM
RW07C (THR)	22 18 40.58N	113 53 56.64E	IZSC DME 0.2 NM
HH747	22 20 00.42N	113 58 04.56E	
HH748	22 27 40.86N	114 05 14.12E	
HH741	22 29 58.66N	114 11 14.89E	
HH742	22 18 46.90N	114 21 54.81E	
HH743	22 09 58.85N	114 13 06.23E	
HH744	22 01 23.71N	113 56 19.34E	

AD 2-VHHH-IAC-03E(insert)

INSTRUMENT APPROACH CHART - ICAO	AERODROME ELEV 28 FT HEIGHTS RELATED TO THR RWY 07C - ELEV 22 FT	TOWER 118.2 APPROACH 119.1 DIRECTOR 119.5	HONG KONG / INTL (VHHH) RNP RWY 07C (LNAV/VNAV only)
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Notes 1. Simultaneous dependent operation is authorized with RWY 07R.



MISSED APPROACH
Climb to 5 000 ft. From RW07C, track 074°M to HH747, then turn left to HH748. Track to HH741, then proceed to HH742, HH743, HH744 and LIMES.
Speed restriction: Maximum 200 KIAS until HH748, then maintain 230 KIAS until LIMES.

DIST THR (NM)	5	4	3	2
ALTITUDE (FT)	1600	1300	1000	690

CHANGE: New Procedure.	Missed Approach Climb Gradient		OCA (OCH)				Ground Speed							
			A	B	C	D	kt	80	100	120	140	160	180	
	LNAV/VNAV	2.5%	808 (786)				HH730-THR (5.0 NM)	min:s	3:43	2:59	2:29	2:08	1:52	1:39
		4.4%	302 (280)	312 (290)	322 (300)	331 (309)		ft / min	410	510	620	720	820	920
VISUAL CIRCLING NOT AVAILABLE		N / A				ROD (5.1%)								

AD 2-VHHH-IAC-03E-1(*insert*)**RNP RWY 07C APPROACH****TABULAR DESCRIPTION: RNP RWY 07C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	VPA	Navigation Specification
01	IF	LIMES	-	-	+3.0	-	-	-6000 +3000	-	-	RNP APCH
02	TF	TONIC	-	338 (335)	+3.0	7.0	-	+2000	@180	-	RNP APCH
03	TF	VH710	-	036 (033)	+3.0	3.8	-	+1600	@180	-	RNP APCH
04	TF	HH730	-	074 (071)	+3.0	3.2	-	@1600	-160 +150	-	RNP APCH
05	TF	RW07C	Y	074 (071)	+3.0	5.0	-	@72	-	-2.9	RNP APCH
06	CF	HH747	-	074 (071)	+3.0	-	-	-	-200	-	RNP APCH
07	TF	HH748	-	044 (041)	+3.0	10.1	-	-	@200	-	RNP APCH
08	TF	HH741	-	071 (068)	+3.0	6.0	-	@5000	@230	-	RNP APCH
09	TF	HH742	-	142 (139)	+3.0	14.9	-	-	@230	-	RNP APCH
10	TF	HH743	-	226 (223)	+3.0	12.0	-	-	@230	-	RNP APCH
11	TF	HH744	-	244 (241)	+3.0	17.8	-	-	@230	-	RNP APCH
12	TF	LIMES	-	302 (299)	+3.0	10.4	-	-	@230	-	RNP APCH

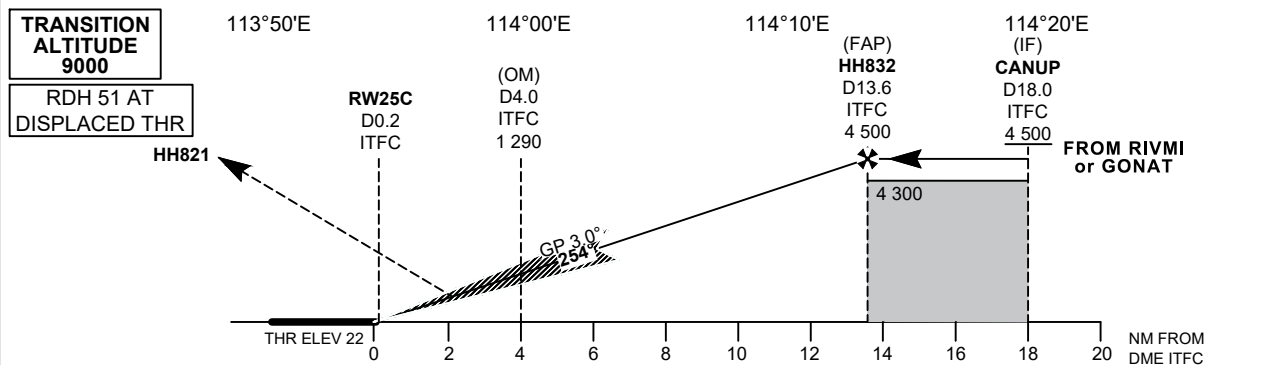
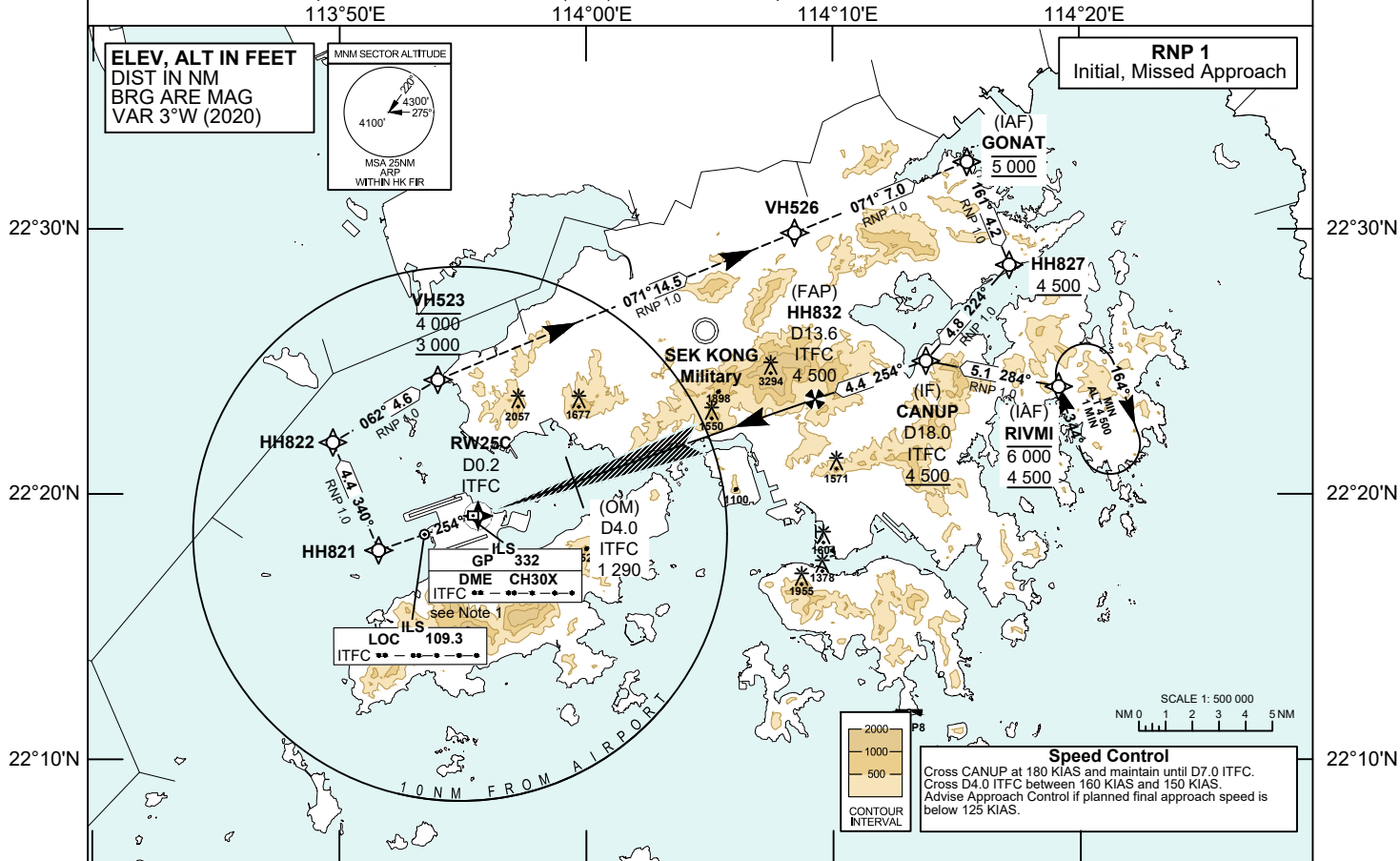
WAYPOINT LIST

RNP RWY 07C		
Waypoint Identifier	Coordinates (WGS-84)	
LIMES (IAF)	22 06 25.60N	113 46 32.60E
TONIC	22 12 47.88N	113 43 21.85E
VH710 (IF)	22 15 58.80N	113 45 35.61E
HH730 (FAF)	22 17 02.67N	113 48 53.16E
RW07C (THR)	22 18 40.58N	113 53 56.64E
HH747	22 20 00.42N	113 58 04.56E
HH748	22 27 40.86N	114 05 14.12E
HH741	22 29 58.66N	114 11 14.89E
HH742	22 18 46.90N	114 21 54.81E
HH743	22 09 58.85N	114 13 06.23E
HH744	22 01 23.71N	113 56 19.34E

AD 2-VHHH-IAC-04A(insert)

INSTRUMENT APPROACH CHART - ICAO	AERODROME ELEV 28 FT	TOWER	118.2	HONG KONG / INTL (VHHH) ILS RWY 25C CAT II & III
	HEIGHTS RELATED TO	APPROACH	119.1	
	THR RWY 25C - ELEV 22 FT	DIRECTOR	119.5	

- Warnings**
- LOC ITFC UNUSABLE BEYOND 19° RIGHT OF COURSE
 - PILOTS SHOULD MONITOR FOR FALSE CAPTURE OF LOC AND GP BY COMPARING INDICATIONS WITH AIRCRAFT POSITION AND ALTITUDE
- Notes**
- DME is required. If unable to receive ITFC DME pilot shall advise ATC and will receive equivalent radar ranges for FAP (D13.6 ITFC) and OM Fix (D4.0 ITFC).
 - Simultaneous dependent operation is authorized with RWY 25L.
 - If unable RNP 1, inform ATC accordingly. If unable RNP 1 during missed approach, continue on the published missed approach track, climb and pass Minimum Sector Altitude (MSA) 4 300 ft as soon as practicable, and continue to 5 000 ft.



MISSED APPROACH
 Climb initially to 4 000 ft and track 254°M to HH821, then turn right to HH822. Proceed to VH523 and cross VH523 between 3 000 ft and 4 000 ft. From VH523, climb to 5 000 ft and track to VH526 and GONAT.
 Speed restriction: 185 KIAS maximum until VH523, then maintain 230 KIAS until VH526, then maintain 210 KIAS until GONAT.

DME ITFC	13.6	13	12	11	10	9	8	7	6	5	4	3	2	1
DIST THR (NM)	13.4	12.8	11.8	10.8	9.8	8.8	7.8	6.8	5.8	4.8	3.8	2.8	1.8	0.8
ALTITUDE (FT)	4500	4290	3950	3610	3280	2940	2610	2280	1950	1620	1290	970	650	330

CHANGE: New Procedure.	Missed Approach		OCA (OCH)				Ground Speed							
			Climb Gradient	A	B	C								D
	ILS CAT I	2.5%	500 (478)				VH505-THR (13.4 NM)	kt	80	100	120	140	160	180
		4.0%	222 (200)					min:s	10:03	8:02	6:42	5:44	5:01	4:28
	ILS CAT II	4.0%	122 (100)				ROD (5.2%)	ft / min	420	530	640	740	850	960
VISUAL CIRCLING NOT AVAILABLE		N / A												

AD 2-VHHH-IAC-04A-1(*insert*)**ILS RWY 25C APPROACH****NAVIGATION AIDS**

Navaid/Ident	Frequency	Coordinates		Remarks
Localizer/ITFC	109.3 MHz	22 18 30.88N	113 53 26.53E	Course 254°M
Glide Path	332.0 MHz	22 19 13.45N	113 55 24.77E	3° glide slope Co-located
DME/ITFC	CH 30X			

TABULAR DESCRIPTION: ILS RWY 25C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	VPA	Navigation Specification
01	IF	RIVMI	-	-	+3.0	-	-	-6000 +4500	-	-	RNP 1
02	TF	CANUP	-	284 (281)	+3.0	5.1	-	+4500	@180	-	RNP 1
01	IF	GONAT	-	-	+3.0	-	-	@5000	@210	-	RNP 1
02	TF	HH827	-	161 (158)	+3.0	4.2	-	+4500	-	-	RNP 1
03	TF	CANUP	-	224 (221)	+3.0	4.8	-	+4500	@180	-	RNP 1
01	IF	CANUP	-	-	+3.0	-	-	+4500	@180	-	Conventional
02	-	HH832	-	254 (251)	+3.0	4.4	-	-	@180	-	Conventional
03	-	RW25C	Y	254 (251)	+3.0	13.4	-	-	-	-	Conventional
04	CF	HH821	-	254 (251)	+3.0	-	-	-	-185	-	RNP 1
05	TF	HH822	-	340 (337)	+3.0	4.4	-	-	@185	-	RNP 1
06	TF	VH523	-	062 (059)	+3.0	4.6	-	-4000 +3000	@185	-	RNP 1
07	TF	VH526	-	071 (068)	+3.0	14.5	-	-	@230	-	RNP 1
08	TF	GONAT	-	071 (068)	+3.0	7.0	-	@5000	@210	-	RNP 1

Note: Coding is not provided for final approach segment. Please refer to the chart for altitude and speed restrictions.

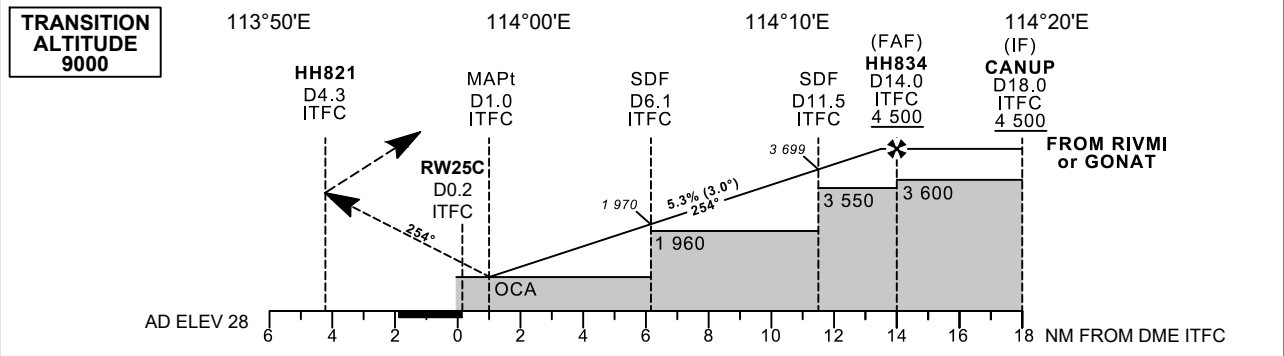
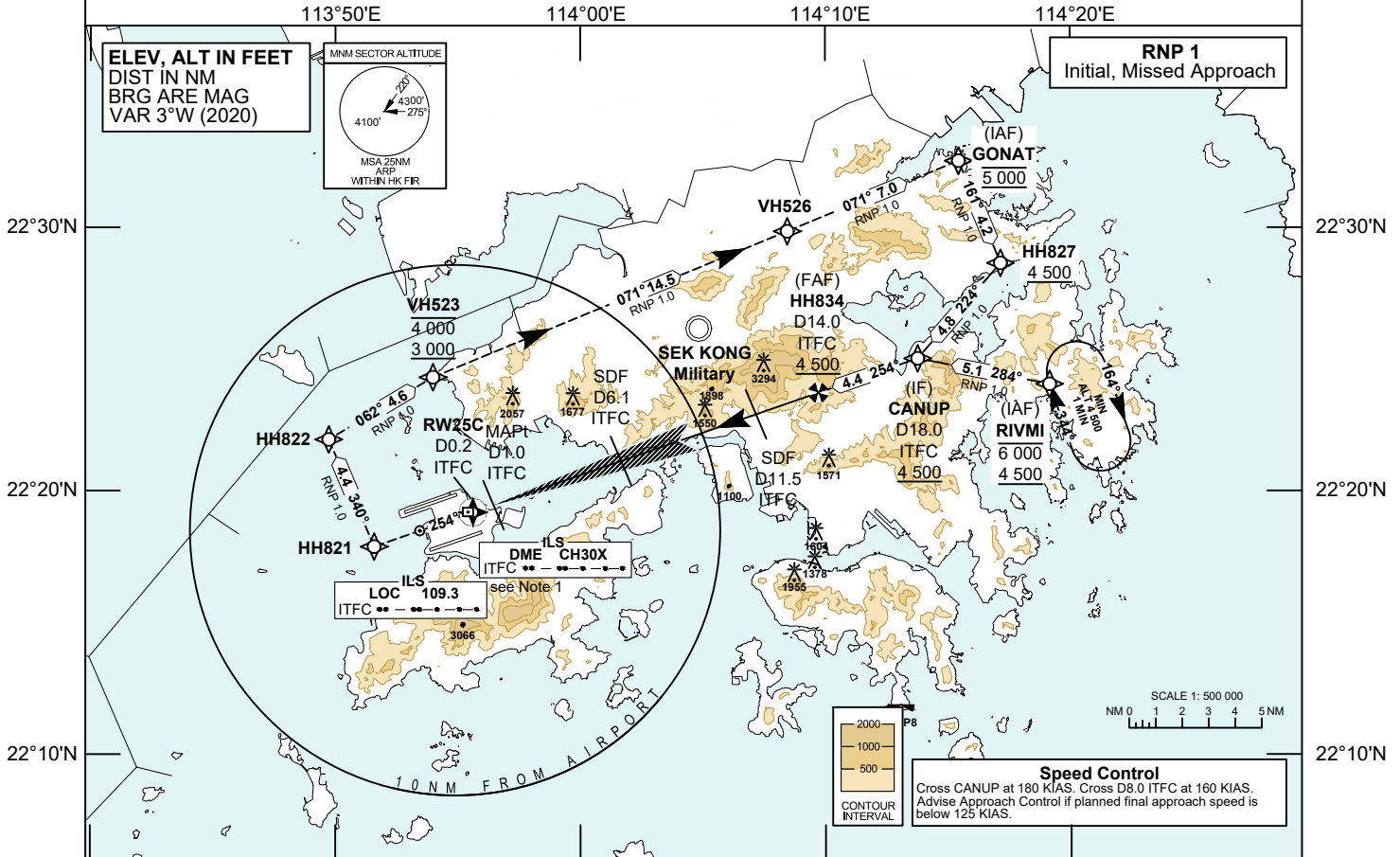
WAYPOINT LIST

ILS RWY 25C			
Waypoint Identifier	Coordinates (WGS-84)		Cross Reference from Navaid
RIVMI (IAF)	22 24 03.96N	114 19 09.28E	
GONAT (IAF)	22 32 32.30N	114 15 27.06E	
HH827	22 28 39.55N	114 17 09.59E	
CANUP (IF)	22 25 02.54N	114 13 46.40E	ITFC DME 18.0 NM
HH832 (FAP)	22 23 36.12N	114 09 16.39E	ITFC DME 13.6 NM
RW25C (THR)	22 19 12.85N	113 55 36.78E	ITFC DME 0.2 NM
HH821	22 17 54.88N	113 51 34.92E	
HH822	22 21 58.90N	113 49 43.76E	
VH523	22 24 20.51N	113 53 58.89E	
VH526	22 29 52.41N	114 08 27.15E	

AD 2-VHHH-IAC-04C(insert)

INSTRUMENT APPROACH CHART - ICAO	AERODROME ELEV 28 FT	TOWER	118.2	HONG KONG / INTL (VHHH) LOC RWY 25C
	THR ELEV 22 FT	APPROACH	119.1	
	HEIGHTS RELATED TO AD ELEV	DIRECTOR	119.5	

- Warnings** 1. LOC ITFC UNUSABLE BEYOND 19° RIGHT OF COURSE
- Notes**
- DME is required.
 - If unable RNP 1, inform ATC accordingly. If unable RNP 1 during missed approach, continue on the published missed approach track, climb and pass Minimum Sector Altitude (MSA) 4 300 ft as soon as practicable, and continue to 5 000 ft.



MISSED APPROACH
 Climb initially to 4 000 ft and track 254°M to HH821, then turn right to HH822. Proceed to VH523 and cross VH523 between 3 000 ft and 4 000 ft. From VH523, climb to 5 000 ft and track to VH526 and GONAT.
 Speed restriction: 185 KIAS maximum until VH523, then maintain 230 KIAS until VH526, then maintain 210 KIAS until GONAT.

DME ITFC	14	13	12	11	10	9	8	7	6	5	4	3	2
DIST THR (NM)	13.8	12.8	11.8	10.8	9.8	8.8	7.8	6.8	5.8	4.8	3.8	2.8	1.8
ALTITUDE (FT)	4500	4170	3850	3530	3210	2890	2570	2250	1930	1610	1290	970	650

CHANGE: New Procedure.	Missed Approach		OCA (OCH)											
	Climb Gradient		A	B	C	D	Ground Speed	kt	80	100	120	140	160	180
	LOC	2.5%	710 (682)				HH834-THR (13.8 NM)	min:s	10:22	8:18	6:55	5:55	5:11	4:36
		4.0%	420 (392)					ROD (5.3%)	ft / min	430	530	640	750	850
	VISUAL CIRCLING NOT AVAILABLE		N / A											

AD 2-VHHH-IAC-04C-1(insert)

LOC RWY 25C APPROACH**NAVIGATION AIDS**

Navaid/Ident	Frequency	Coordinates		Remarks
Localizer/ITFC	109.3 MHz	22 18 30.88N	113 53 26.53E	Course 254°M
DME/ITFC	CH 30X	22 19 13.45N	113 55 24.77E	

TABULAR DESCRIPTION: LOC RWY 25C

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	VPA	Navigation Specification
01	IF	RIVMI	-	-	+3.0	-	-	-6000 +4500	-	-	RNP 1
02	TF	CANUP	-	284 (281)	+3.0	5.1	-	+4500	@180	-	RNP 1
01	IF	GONAT	-	-	+3.0	-	-	@5000	@210	-	RNP 1
02	TF	HH827	-	161 (158)	+3.0	4.2	-	+4500	-	-	RNP 1
03	TF	CANUP	-	224 (221)	+3.0	4.8	-	+4500	@180	-	RNP 1
01	IF	CANUP	-	-	+3.0	-	-	+4500	@180	-	Conventional
02	-	HH834	-	254 (251)	+3.0	4.0	-	+4500	@180	-	Conventional
03	-	RW25C	Y	254 (251)	+3.0	13.8	-	-	-	-	Conventional
04	CF	HH821	-	254 (251)	+3.0	-	-	-	-185	-	RNP 1
05	TF	HH822	-	340 (337)	+3.0	4.4	-	-	@185	-	RNP 1
06	TF	VH523	-	062 (059)	+3.0	4.6	-	-4000 +3000	@185	-	RNP 1
07	TF	VH526	-	071 (068)	+3.0	14.5	-	-	@230	-	RNP 1
08	TF	GONAT	-	071 (068)	+3.0	7.0	-	@5000	@210	-	RNP 1

Note: Coding is not provided for final approach segment. Please refer to the chart for altitude and speed restrictions.

WAYPOINT LIST

LOC RWY 25C			
Waypoint Identifier	Coordinates (WGS-84)		Cross Reference from Navaid
RIVMI (IAF)	22 24 03.96N	114 19 09.28E	
GONAT (IAF)	22 32 32.30N	114 15 27.06E	
HH827	22 28 39.55N	114 17 09.59E	
CANUP (IF)	22 25 02.54N	114 13 46.40E	ITFC DME 18.0 NM
HH834 (FAF)	22 23 44.66N	114 09 43.13E	ITFC DME 14.0 NM
SDF11.5	22 22 55.61N	114 07 10.04E	ITFC DME 11.5 NM
SDF6.1	22 21 09.51N	114 01 39.45E	ITFC DME 6.1 NM
MAPt	22 19 29.10N	113 56 27.24E	ITFC DME 1.0 NM
RW25C (THR)	22 19 12.85N	113 55 36.78E	ITFC DME 0.2 NM
HH821	22 17 54.88N	113 51 34.92E	
HH822	22 21 58.90N	113 49 43.76E	
VH523	22 24 20.51N	113 53 58.89E	
VH526	22 29 52.41N	114 08 27.15E	

AD 2-VHHH-IAC-04E(insert)

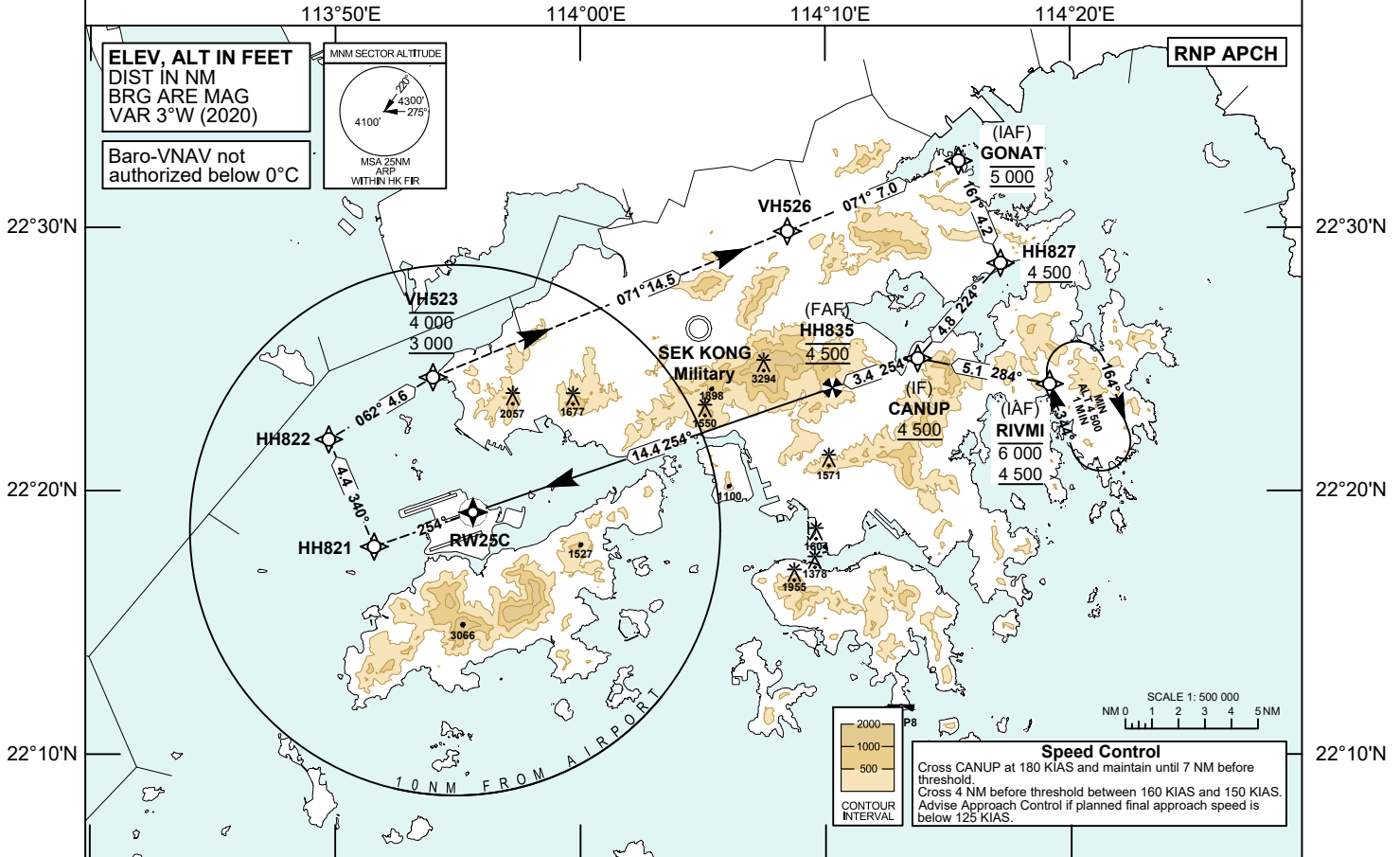
INSTRUMENT APPROACH CHART - ICAO

AERODROME ELEV 28 FT
 HEIGHTS RELATED TO
 THR RWY 25C - ELEV 22 FT

TOWER 118.2
 APPROACH 119.1
 DIRECTOR 119.5

HONG KONG / INTL (VHHH)
RNP Z RWY 25C
(LNAV/VNAV only)

Notes 1. Simultaneous dependent operation is authorized with RWY 25L.



DIST THR (NM)	14.4	14	13	12	11	10	9	8	7	6	5	4	3	2
ALTITUDE (FT)	4500	4380	4080	3770	3460	3150	2840	2540	2230	1920	1610	1300	1000	690

Missed Approach Climb Gradient	OCA (OCH)				Ground Speed	kt	80	100	120	140	160	180	
	A	B	C	D									
LNAV/VNAV	2.5%	500 (478)				HH835-THR (14.4 NM)	min:s	10:47	8:38	7:11	6:10	5:24	4:48
VISUAL CIRCLING NOT AVAILABLE	N / A				ROD (5.1%)	ft / min	410	510	620	720	820	920	

CHANGE: New Procedure.

AD 2-VHHH-IAC-04E-1(*insert*)**RNP Z RWY 25C APPROACH****TABULAR DESCRIPTION: RNP Z RWY 25C**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	VPA	Navigation Specification
01	IF	RIVMI	-	-	+3.0	-	-	-6000 +4500	-	-	RNP APCH
02	TF	CANUP	-	284 (281)	+3.0	5.1	-	+4500	@180	-	RNP APCH
01	IF	GONAT	-	-	+3.0	-	-	@5000	@210	-	RNP APCH
02	TF	HH827	-	161 (158)	+3.0	4.2	-	+4500	-	-	RNP APCH
03	TF	CANUP	-	224 (221)	+3.0	4.8	-	+4500	@180	-	RNP APCH
01	IF	CANUP	-	-	+3.0	-	-	+4500	@180	-	RNP APCH
02	TF	HH835	-	254 (251)	+3.0	3.4	-	@4500	@180	-	RNP APCH
03	TF	RW25C	Y	254 (251)	+3.0	14.4	-	@72	-	-2.9	RNP APCH
04	CF	HH821	-	254 (251)	+3.0	-	-	-	-185	-	RNP APCH
05	TF	HH822	-	340 (337)	+3.0	4.4	-	-	@185	-	RNP APCH
06	TF	VH523	-	062 (059)	+3.0	4.6	-	-4000 +3000	@185	-	RNP APCH
07	TF	VH526	-	071 (068)	+3.0	14.5	-	-	@230	-	RNP APCH
08	TF	GONAT	-	071 (068)	+3.0	7.0	-	@5000	@210	-	RNP APCH

WAYPOINT LIST

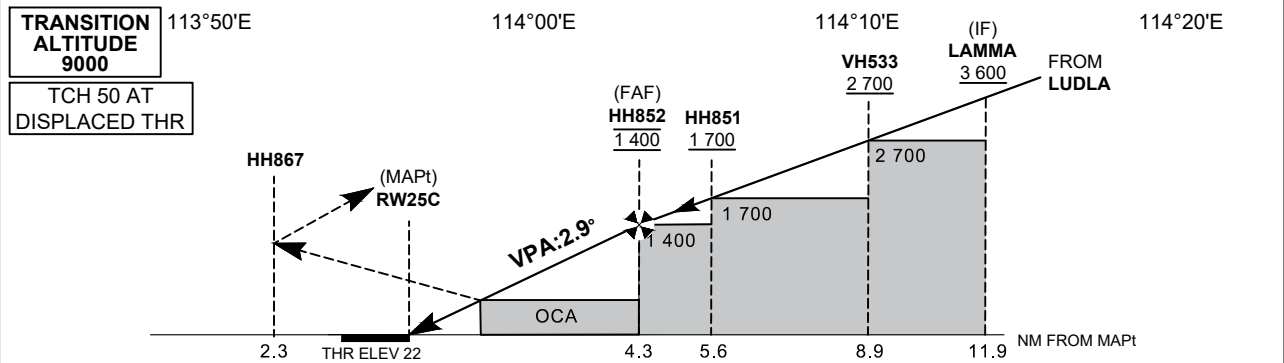
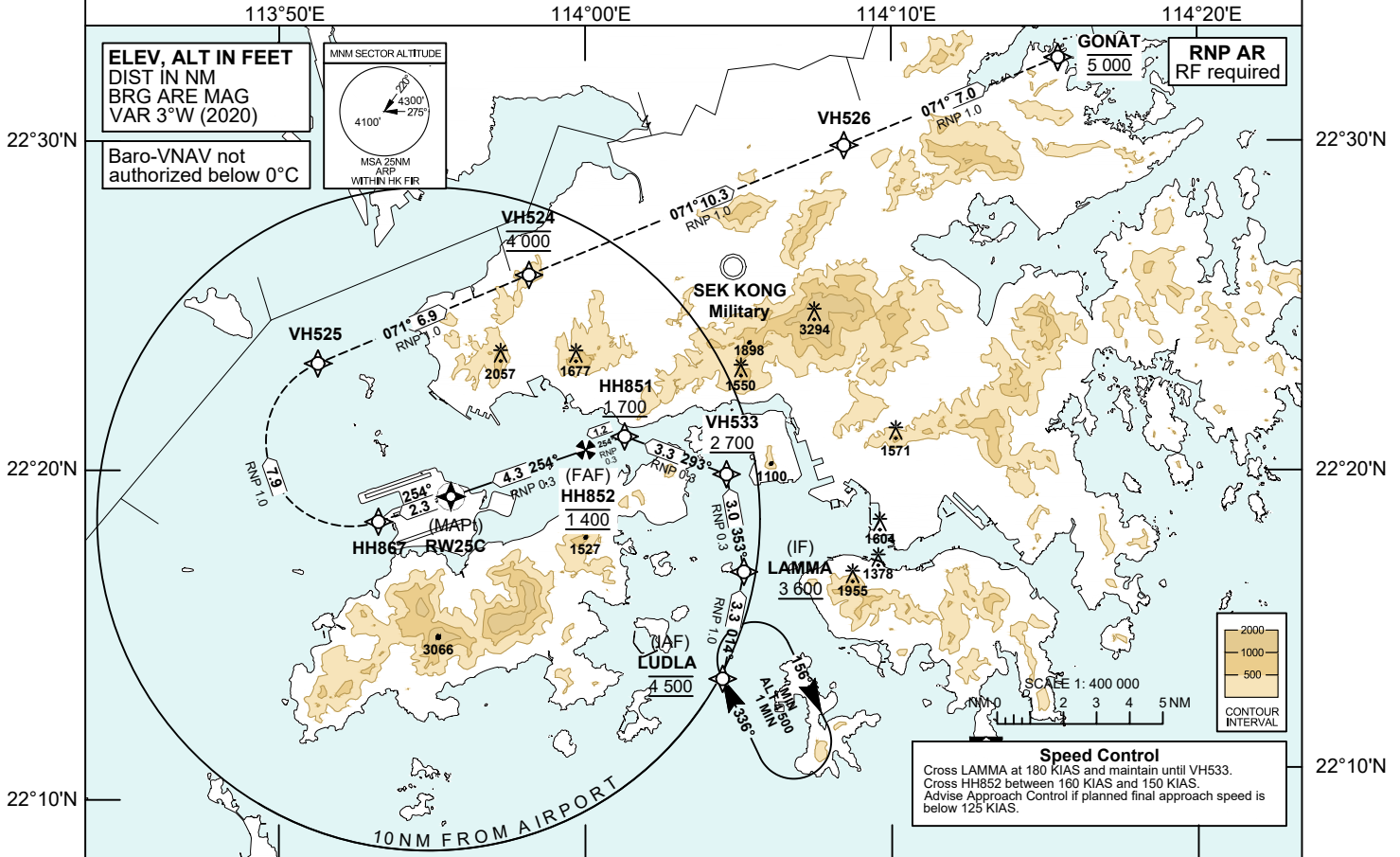
RNP Z RWY 25C		
Waypoint Identifier	Coordinates (WGS-84)	
RIVMI (IAF)	22 24 03.96N	114 19 09.28E
GONAT (IAF)	22 32 32.30N	114 15 27.06E
HH827	22 28 39.55N	114 17 09.59E
CANUP (IF)	22 25 02.54N	114 13 46.40E
HH835 (FAF)	22 23 55.53N	114 10 16.99E
RW25C (THR)	22 19 12.85N	113 55 36.78E
HH821	22 17 54.88N	113 51 34.92E
HH822	22 21 58.90N	113 49 43.76E
VH523	22 24 20.51N	113 53 58.89E
VH526	22 29 52.41N	114 08 27.15E

AD 2-VHHH-IAC-04G(insert)

INSTRUMENT APPROACH CHART - ICAO	AERODROME ELEV 28 FT HEIGHTS RELATED TO THR RWY 25C - ELEV 22 FT	TOWER 118.2 APPROACH 119.1 DIRECTOR 119.5	HONG KONG / INTL (VHHH) RNP Y RWY 25C (AR)
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Authorization from HONG KONG CAD is Required (Refer to the relevant AIC for application procedures)

- Notes**
1. RNP AR APCH: RNP 0.3 in Intermediate segment. RNP values are depicted on Plan View for each applicable leg.
 2. Simultaneous dependent operation is authorized with RWY 25L.
 3. **Do not accept radar vectors inside LUDLA.**



MISSED APPROACH
Climb initially to 4 000 ft. From RW25C, track 254°M to HH867, then turn right to VH525. Proceed to VH524 and cross VH524 at 4 000 ft. From VH524, climb to 5 000 ft and track to VH526 and GONAT.
Speed restriction: 185 KIAS maximum until VH525, then maintain 230 KIAS until VH526, then maintain 210 KIAS until GONAT.

DIST THR (NM)	4.3	4	3	2									
ALTITUDE (FT)	1400	1300	1000	690									
Missed Approach Climb Gradient		OCA (OCH)											
		A	B	C	D	Ground Speed	kt	80	100	120	140	160	180
RNP 0.30	2.5%	470 (448)	480 (458)	490 (468)	500 (478)	HH852-THR (4.3 NM)	min:s	3:14	2:35	2:09	1:51	1:37	1:26
VISUAL CIRCLING NOT AVAILABLE		N / A				ROD (5.1%)	ft / min	410	510	620	720	820	920

CHANGE: New Procedure.

AD 2-VHHH-IAC-04G-1(*insert*)**RNP Y RWY 25C (AR) APPROACH****TABULAR DESCRIPTION: RNP Y RWY 25C (AR)**

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	VPA	Navigation Specification (RNP Value)
01	IF	LUDLA	-	-	+3.0	-	-	@4500	-	-	RNP AR APCH (RNP 1.0)
02	TF	LAMMA	-	014 (011)	+3.0	3.3	-	+3600	@180	-	RNP AR APCH (RNP 1.0)
03	TF	VH533	-	353 (350)	+3.0	3.0	-	+2700	@180	-	RNP AR APCH (RNP 0.3)
04	TF	HH851	-	293 (290)	+3.0	3.3	-	+1700	-	-	RNP AR APCH (RNP 0.3)
05	TF	HH852	-	254 (251)	+3.0	1.2	-	@1400	-160 +150	-	RNP AR APCH (RNP 0.3)
06	TF	RW25C	Y	254 (251)	+3.0	4.3	-	@72	-	-2.9	RNP AR APCH (RNP 0.3)
07	TF	HH867	-	254 (251)	+3.0	2.3	-	-	-	-	RNP AR APCH (RNP 1.0)
08	RF Centre: HH987 r=2.565 NM	VH525	-	-	+3.0	7.9	R	-	@185	-	RNP AR APCH (RNP 1.0)
09	TF	VH524	-	071 (068)	+3.0	6.9	-	@4000	-	-	RNP AR APCH (RNP 1.0)
10	TF	VH526	-	071 (068)	+3.0	10.3	-	-	@230	-	RNP AR APCH (RNP 1.0)
11	TF	GONAT	-	071 (068)	+3.0	7.0	-	@5000	@210	-	RNP AR APCH (RNP 1.0)

WAYPOINT LIST

RNP Y RWY 25C (AR)		
Waypoint Identifier	Coordinates (WGS-84)	
LUDLA (IAF)	22 13 40.79N	114 04 28.75E
LAMMA (IF)	22 16 55.61N	114 05 10.55E
VH533	22 19 53.47N	114 04 36.72E
HH851	22 21 02.31N	114 01 17.04E
HH852 (FAF)	22 20 37.80N	114 00 00.77E
RW25C (MAPT)	22 19 12.85N	113 55 36.78E
HH867	22 18 27.11N	113 53 14.84E
VH525	22 23 15.38N	113 51 16.25E
VH524	22 25 56.63N	113 58 09.87E
VH526	22 29 52.41N	114 08 27.15E
GONAT	22 32 32.30N	114 15 27.06E
RF Arc Centre Identifier	Coordinates (WGS-84)	
HH987	22 20 53.00N	113 52 20.49E