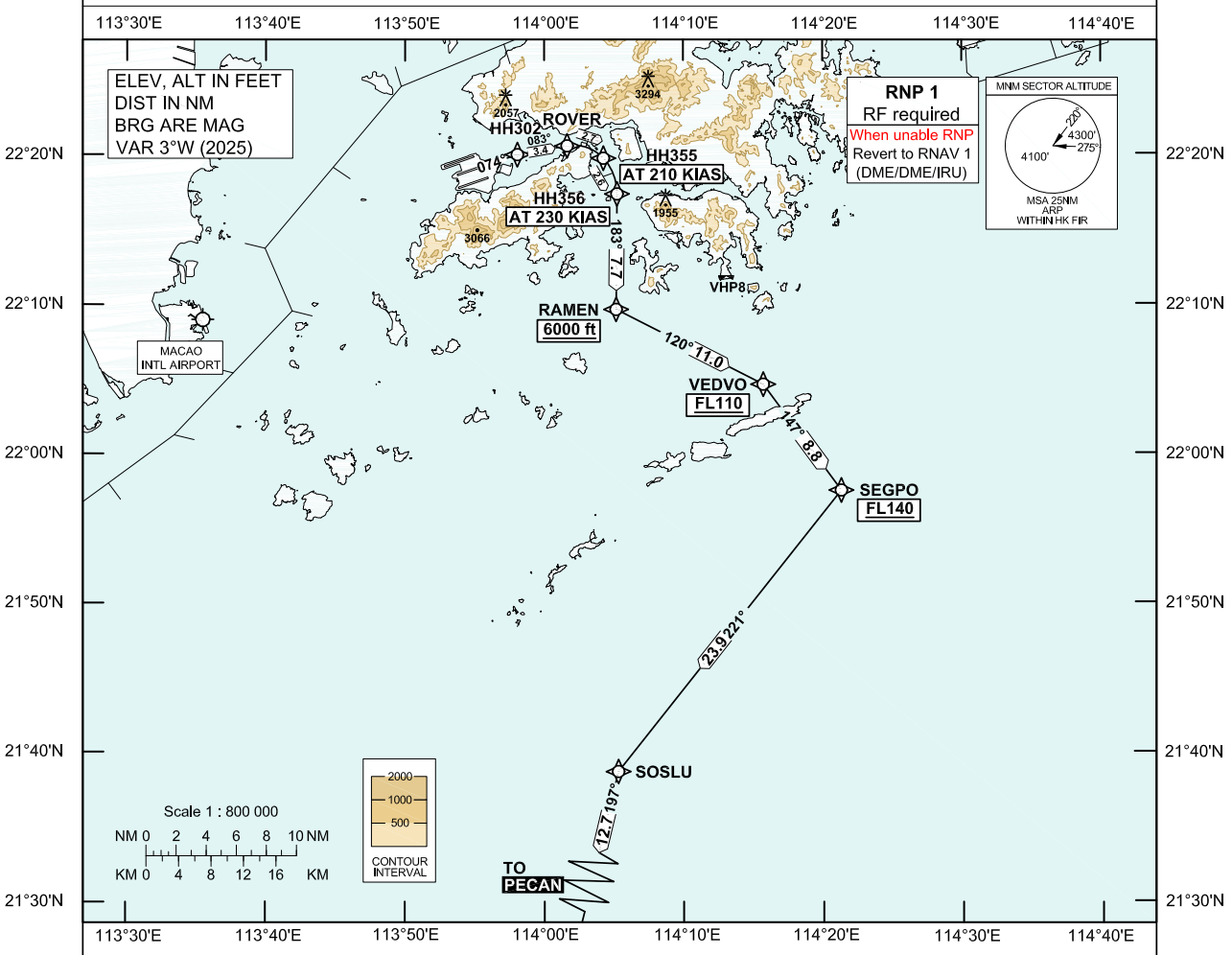
STANDARD DEPARTURE CHART-INSTRUMENT (SID) - ICAO

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

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

1. 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. See VHHH AD 2.22 para 2.2.3.1 for contingency procedures.

2. **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.

UNABLE RNP OR LOSS OF GNSS PROCEDURE

- Revert to RNAV 1 (DME/DME/IRU) and inform ATC
- Continue on assigned SID
- Critical DME: TD required

CHANGE: Magnetic variation version and editorial change.

AD 2-VHHH-SID-PECAN-Y_V03_260616lh

FMC Database Coding Reference for Hong Kong RNAV 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/ RNAV 1
02	TF	ROVER	-	083 (080)	+3.0	3.4	-	-	-	RNP 1/ RNAV 1
03	RF Centre: HH955 r=2.642 NM	HH355	-	-	+3.0	2.7	R	-	@210	RNP 1/ RNAV 1
04	RF Centre: HH956 r=3.494 NM	HH356	-	-	+3.0	2.6	R	-	@230	RNP 1/ RNAV 1
05	TF	RAMEN	-	183 (180)	+3.0	7.7	-	+6000	-	RNP 1/ RNAV 1
06	TF	VEDVO	-	120 (117)	+3.0	11.0	-	+FL110	-	RNP 1/ RNAV 1
07	TF	SEGPO	-	147 (144)	+3.0	8.8	-	+FL140	-	RNP 1/ RNAV 1
08	TF	SOSLU	-	221 (218)	+3.0	23.9	-	-	-	RNP 1/ RNAV 1
09	TF	PECAN	-	197 (194)	+3.0	12.7	-	-	-	RNP 1/ RNAV 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