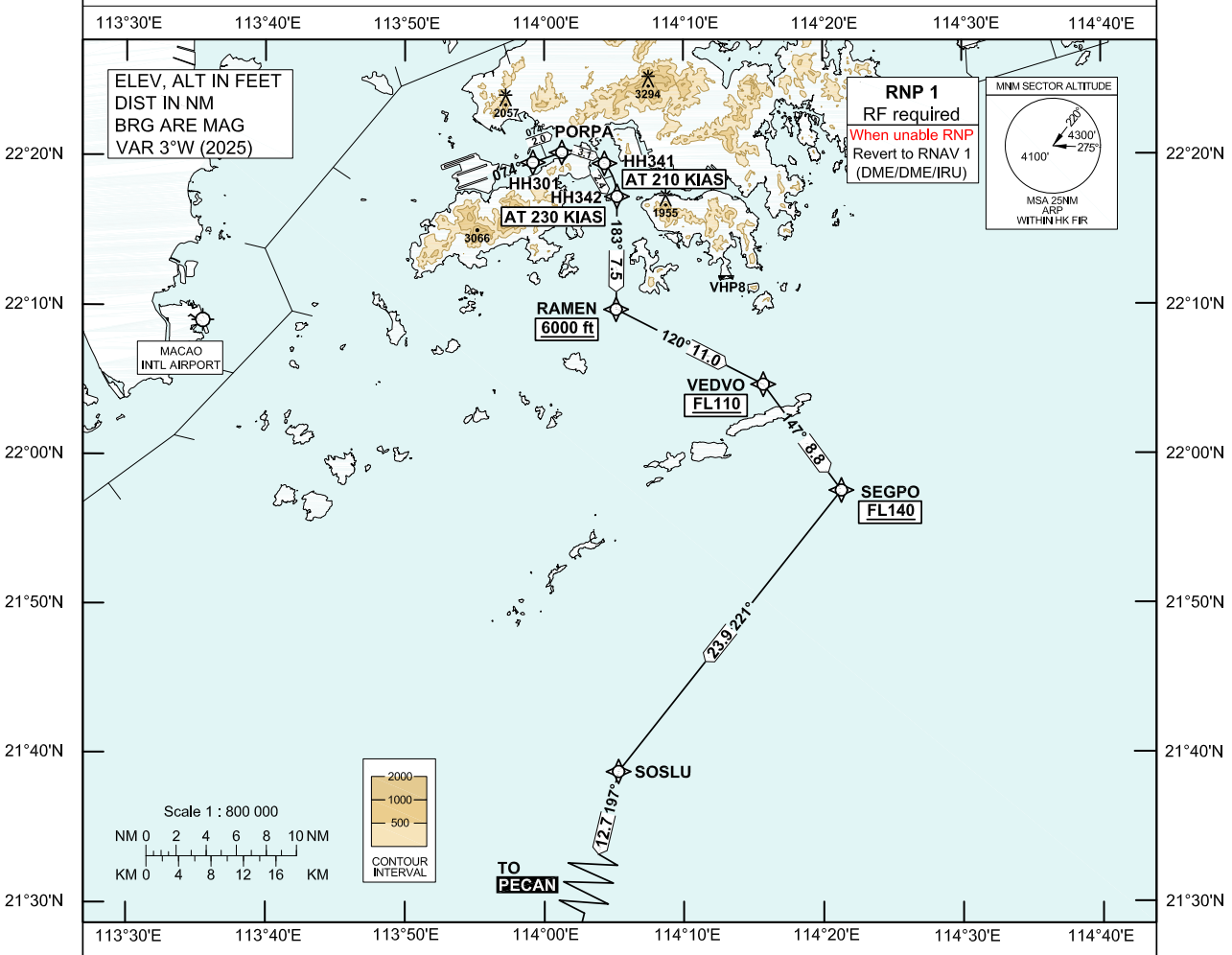
STANDARD DEPARTURE CHART-INSTRUMENT (SID) - ICAO

Transition Altitude 9 000 ft	
Hong Kong Tower	118.4
Hong Kong Departure	122.0

HONG KONG / Intl (VHHH)
RNAV PECAN 3X SID RWY 07R

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 3X SID RWY 07R

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 4.8% (292 ft/NM) until passing 1 200 ft is required.

SPEED RESTRICTION

Speed restriction of 210 KIAS at HH341 and 230 KIAS at HH342.

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-X_V03_260616h

FMC Database Coding Reference for Hong Kong RNAV SID

TABULAR DESCRIPTION: PECAN 3X RWY 07R

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	HH301	-	074 (071)	+3.0	-	-	-	-	RNP 1/ RNAV 1
02	TF	PORPA	-	074 (071)	+3.0	2.0	-	-	-	RNP 1/ RNAV 1
03	RF Centre: HH941 r=2.656 NM	HH341	-	-	+3.0	3.1	R	-	@210	RNP 1/ RNAV 1
04	RF Centre: HH942 r=3.246 NM	HH342	-	-	+3.0	2.4	R	-	@230	RNP 1/ RNAV 1
05	TF	RAMEN	-	183 (180)	+3.0	7.5	-	+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 3X RWY 07R

Waypoint Identifier	Coordinates (WGS-84)	
HH301	22 19 29.01N	113 59 11.61E
PORPA	22 20 09.10N	114 01 16.30E
HH341	22 19 25.15N	114 04 19.86E
HH342	22 17 12.51N	114 05 14.01E
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)**	
HH941	22 17 37.96N	114 02 12.36E
HH942	22 17 14.13N	114 01 44.03E