STANDARD DEPARTURE CHART-INSTRUMENT (SID) - ICAO

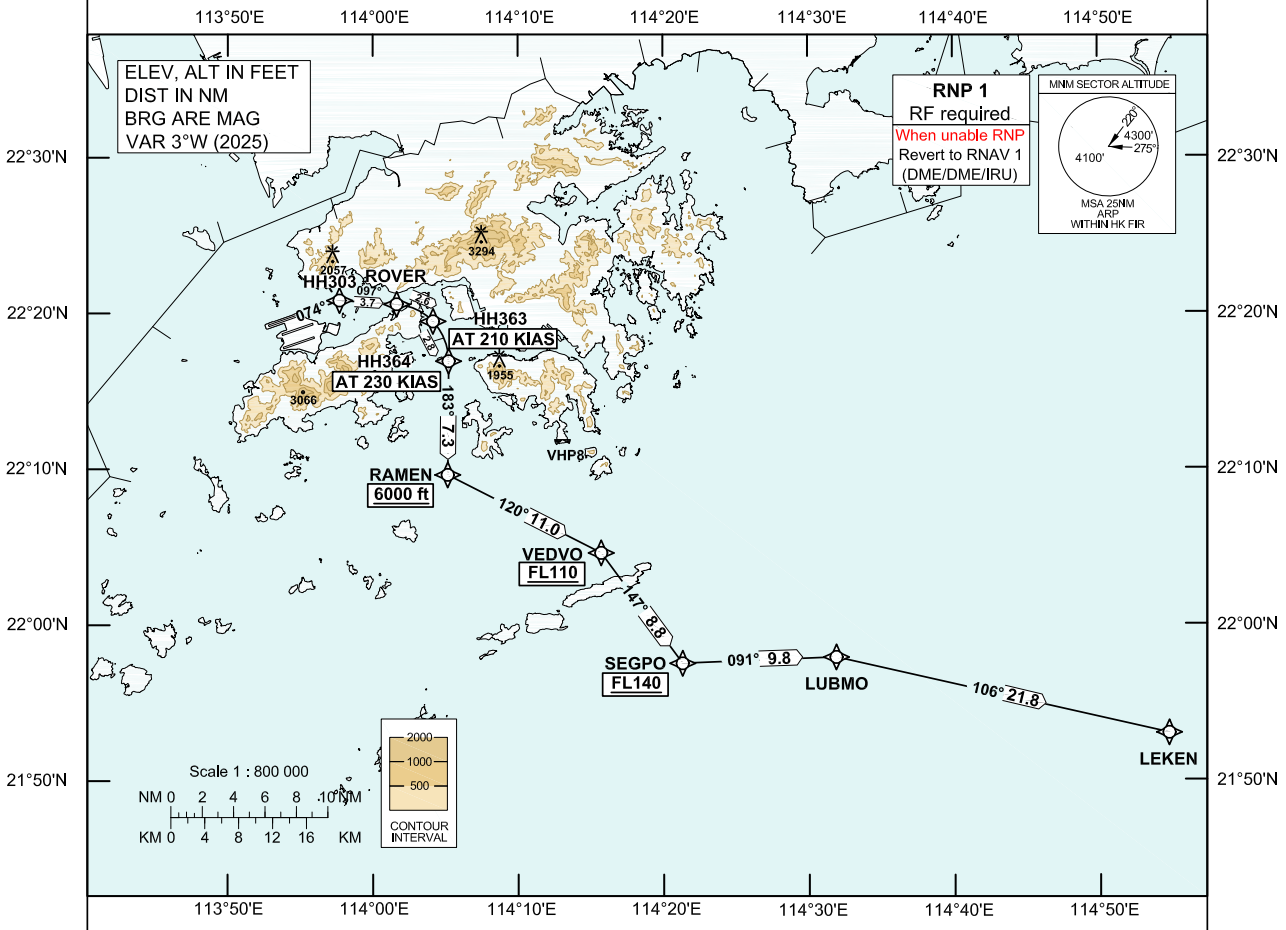
Transition Altitude 9 000 ft

Hong Kong Tower	118.7
Hong Kong Departure	123.8

HONG KONG / Intl (VHHH)
RNAV LEKEN 1Z SID RWY 07L

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.



LEKEN 1Z SID RWY 07L

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 210 KIAS at HH363 and 230 KIAS at HH364.

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-LEKEN-Z_V03_260616In

FMC Database Coding Reference for Hong Kong RNAV SID

TABULAR DESCRIPTION: LEKEN 1Z RWY 07L

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	HH303	-	074 (071)	+3.0	-	-	-	-	RNP 1/ RNAV 1
02	TF	ROVER	-	097 (094)	+3.0	3.7	-	-	-	RNP 1/ RNAV 1
03	RF Centre: HH963 r=3.507 NM	HH363	-	-	+3.0	2.6	R	-	@210	RNP 1/ RNAV 1
04	RF Centre: HH964 r=3.665 NM	HH364	-	-	+3.0	2.8	R	-	@230	RNP 1/ RNAV 1
05	TF	RAMEN	-	183 (180)	+3.0	7.3	-	+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	LUBMO	-	091 (088)	+3.0	9.8	-	-	-	RNP 1/ RNAV 1
09	TF	LEKEN	-	106 (103)	+3.0	21.8	-	-	-	RNP 1/ RNAV 1

WAYPOINT LIST

LEKEN 1Z RWY 07L

Waypoint Identifier	Coordinates (WGS-84)	
HH303	22 20 50.02N	113 57 42.83E
ROVER	22 20 35.58N	114 01 39.12E
HH363	22 19 29.68N	114 04 09.36E
HH364	22 16 56.52N	114 05 13.86E
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)**	
HH963	22 17 04.89N	114 01 24.20E
HH964	22 16 58.35N	114 01 16.75E