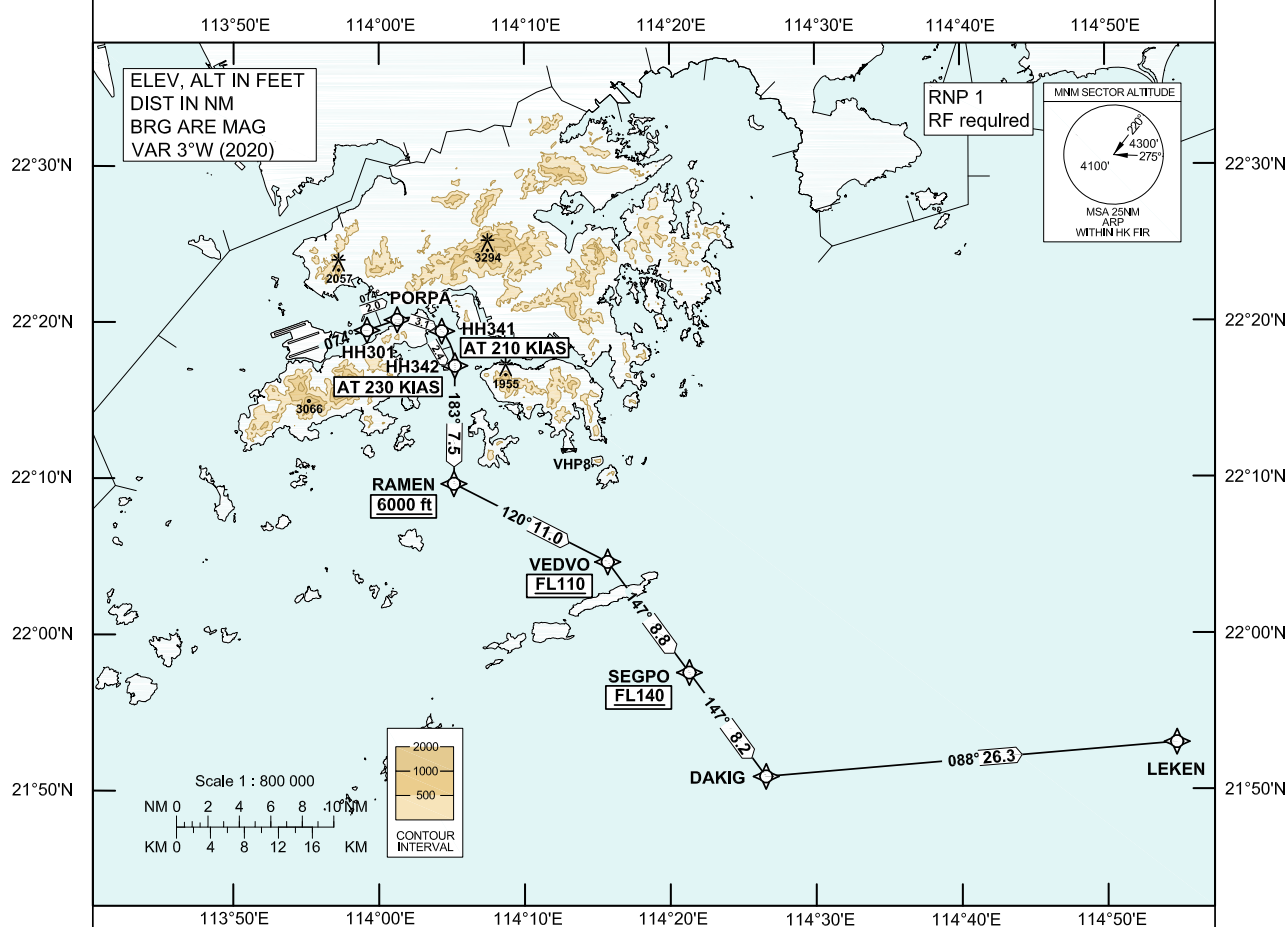


**STANDARD DEPARTURE CHART-  
INSTRUMENT (SID) - ICAO**

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

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

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 1X 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.

CHANGE: New procedure.

**FMC Database Coding Reference for Hong Kong RNAV<sub>(GNSS)</sub> SID****TABULAR DESCRIPTION: LEKEN 1X 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                    |
| 02            | TF                                   | PORPA               | -        | 074 (071)      | +3.0               | 2.0           | -              | -             | -            | RNP 1                    |
| 03            | RF Centre:<br>HH941<br>r=2.656<br>NM | HH341               | -        | -              | +3.0               | 3.1           | R              | -             | @210         | RNP 1                    |
| 04            | RF Centre:<br>HH942<br>r=3.246<br>NM | HH342               | -        | -              | +3.0               | 2.4           | R              | -             | @230         | RNP 1                    |
| 05            | TF                                   | RAMEN               | -        | 183 (180)      | +3.0               | 7.5           | -              | +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                                   | LEKEN               | -        | 088 (085)      | +3.0               | 26.3          | -              | -             | -            | RNP 1                    |

**WAYPOINT LIST**

| LEKEN 1X 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 |
| DAKIG                    | 21 50 52.90N         | 114 26 33.33E |
| LEKEN                    | 21 53 01.06N         | 114 54 44.95E |
| 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 |