

**INSTRUMENT  
APPROACH  
CHART - ICAO**

**AERODROME ELEV 28 FT**  
THR ELEV 27 FT  
HEIGHTS RELATED TO AD ELEV

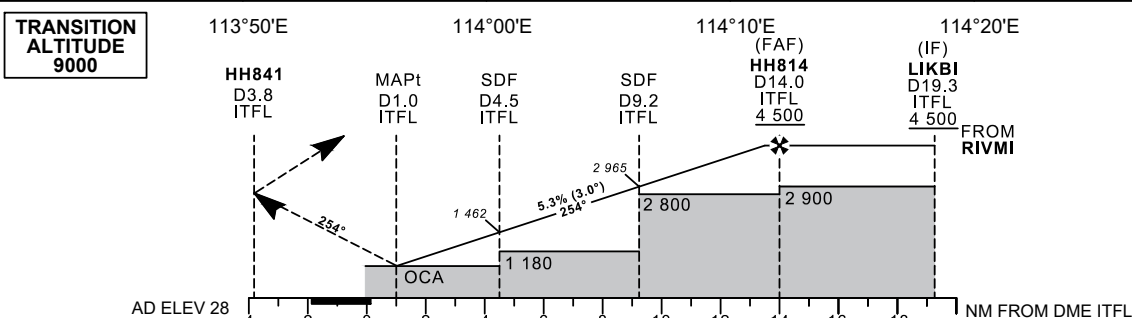
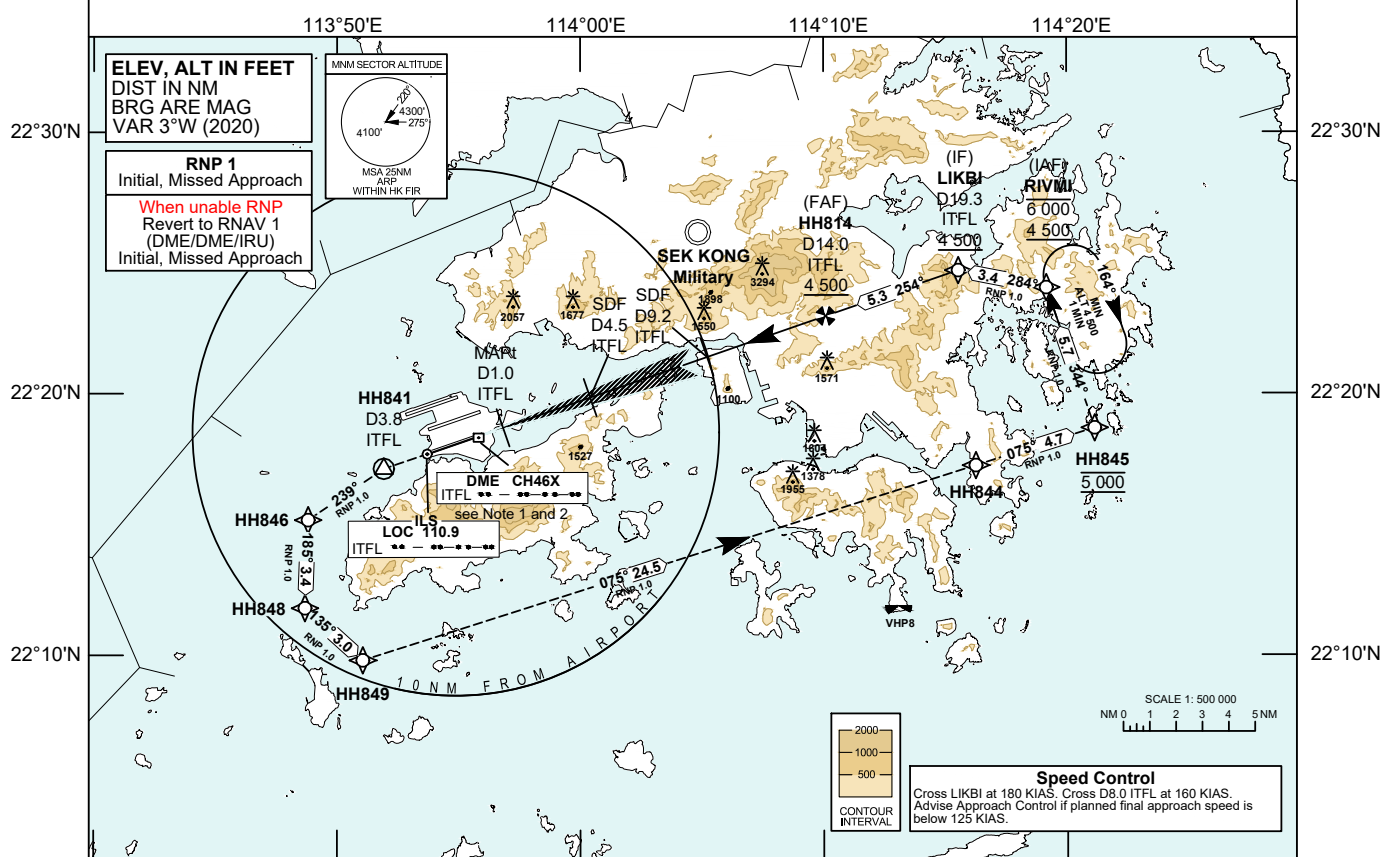
**TOWER** 118.4  
**APPROACH** 119.1  
**DIRECTOR** 119.5

**HONG KONG / INTL (VHHH)  
LOC RWY 25L**

**Warnings** 1. LOC ITFL UNUSABLE BEYOND 28° LEFT OF COURSE AND BEYOND 22° RIGHT OF COURSE

**Notes**

1. DME is required.
2. If unable RNP (e.g. Loss of GNSS), revert to RNAV 1 (DME/DME/IRU) and inform ATC. Continue on the procedure tracks. Request ATC assistance as required. Critical DME: TD required.

**MISSED APPROACH**

Climb to 5 000 ft. Track 254°M to HH841 (ITFL D3.8). Turn left track 239°M to HH846, then proceed to HH848, HH849, HH844, HH845 and RIVMI.

Speed restriction: 185 KIAS maximum until HH849, then maintain 230 KIAS until HH844, then maintain 210 KIAS until RIVMI.

Initial missed approach turn must not be made before HH841 due to terrain.

|                                   |      |           |      |      |      |                        |          |       |      |      |      |      |      |
|-----------------------------------|------|-----------|------|------|------|------------------------|----------|-------|------|------|------|------|------|
| DME ITFL                          | 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  |
| Missed Approach<br>Climb Gradient |      | OCA (OCH) |      |      |      |                        |          |       |      |      |      |      |      |
|                                   |      | A         | B    | C    | D    |                        |          |       |      |      |      |      |      |
| LOC                               | 2.5% | 690 (662) |      |      |      | Ground Speed           | kt       | 80    | 100  | 120  | 140  | 160  | 180  |
|                                   | 4.0% | 420 (392) |      |      |      | HH814-THR<br>(13.8 NM) | min:s    | 10:22 | 8:18 | 6:55 | 5:55 | 5:11 | 4:36 |
| VISUAL CIRCLING<br>NOT AVAILABLE  |      | N / A     |      |      |      | ROD<br>(5.3%)          | ft / min | 430   | 530  | 640  | 750  | 850  | 960  |
|                                   |      |           |      |      |      |                        |          |       |      |      |      |      |      |

CHANGE: Editorial & Reversion Procedure.

**LOC RWY 25L APPROACH****NAVIGATION AIDS**

| Navaid/Ident   | Frequency | Coordinates  |               | Remarks      |
|----------------|-----------|--------------|---------------|--------------|
| Localizer/ITFL | 110.9 MHz | 22 17 42.98N | 113 53 42.30E | Course 254°M |
| DME/ITFL       | CH 46X    | 22 18 19.93N | 113 55 49.28E |              |

**TABULAR DESCRIPTION: LOC RWY 25L**

| 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<br>+4500 | -            | -   | RNP 1/<br>RNAV 1         |
| 02            | TF              | LIKBI               | -        | 284 (281)      | +3.0               | 3.4           | -              | +4500          | @180         | -   | RNP 1/<br>RNAV 1         |
| 03            | -               | HH814               | -        | 254 (251)      | +3.0               | 5.3           | -              | +4500          | @180         | -   | Conventional             |
| 04            | -               | RW25L               | Y        | 254 (251)      | +3.0               | 13.8          | -              | -              | -            | -   | Conventional             |
| 05            | -               | HH841               | Y        | 254 (251)      | +3.0               | 4.0           | -              | -              | -185         | -   | Conventional             |
| 06            | CF              | HH846               | -        | 239 (236)      | +3.0               | -             | -              | -              | @185         | -   | RNP 1/<br>RNAV 1         |
| 07            | TF              | HH848               | -        | 185 (182)      | +3.0               | 3.4           | -              | -              | @185         | -   | RNP 1/<br>RNAV 1         |
| 08            | TF              | HH849               | -        | 135 (132)      | +3.0               | 3.0           | -              | -              | @185         | -   | RNP 1/<br>RNAV 1         |
| 09            | TF              | HH844               | -        | 075 (072)      | +3.0               | 24.5          | -              | -              | @230         | -   | RNP 1/<br>RNAV 1         |
| 10            | TF              | HH845               | -        | 075 (072)      | +3.0               | 4.7           | -              | @5000          | @210         | -   | RNP 1/<br>RNAV 1         |
| 11            | TF              | RIVMI               | -        | 344 (341)      | +3.0               | 5.7           | -              | -              | @210         | -   | RNP 1/<br>RNAV 1         |

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

**WAYPOINT LIST**

| LOC RWY 25L         |                            |                             |
|---------------------|----------------------------|-----------------------------|
| Waypoint Identifier | Coordinates (WGS-84)       | Cross Reference from Navaid |
| RIVMI (IAF)         | 22 24 03.96N 114 19 09.28E |                             |
| LIKBI (IF)          | 22 24 43.38N 114 15 32.10E | ITFL DME 19.3 NM            |
| HH814 (FAF)         | 22 22 58.61N 114 10 04.78E | ITFL DME 14.0 NM            |
| SDF9.2              | 22 21 24.41N 114 05 10.89E | ITFL DME 9.2 NM             |
| SDF4.5              | 22 19 52.02N 114 00 23.21E | ITFL DME 4.5 NM             |
| MAPt                | 22 18 43.11N 113 56 48.97E | ITFL DME 1.0 NM             |
| RW25L (THR)         | 22 18 26.75N 113 55 58.15E | ITFL DME 0.2 NM             |
| HH841               | 22 17 08.54N 113 51 55.54E | ITFL DME 3.8 NM             |
| HH846               | 22 15 10.93N 113 48 48.94E |                             |
| HH848               | 22 11 48.89N 113 48 41.36E |                             |
| HH849               | 22 09 49.33N 113 51 03.91E |                             |
| HH844               | 22 17 16.04N 114 16 15.09E |                             |
| HH845               | 22 18 42.08N 114 21 08.00E |                             |