**INSTRUMENT APPROACH CHART - ICAO**

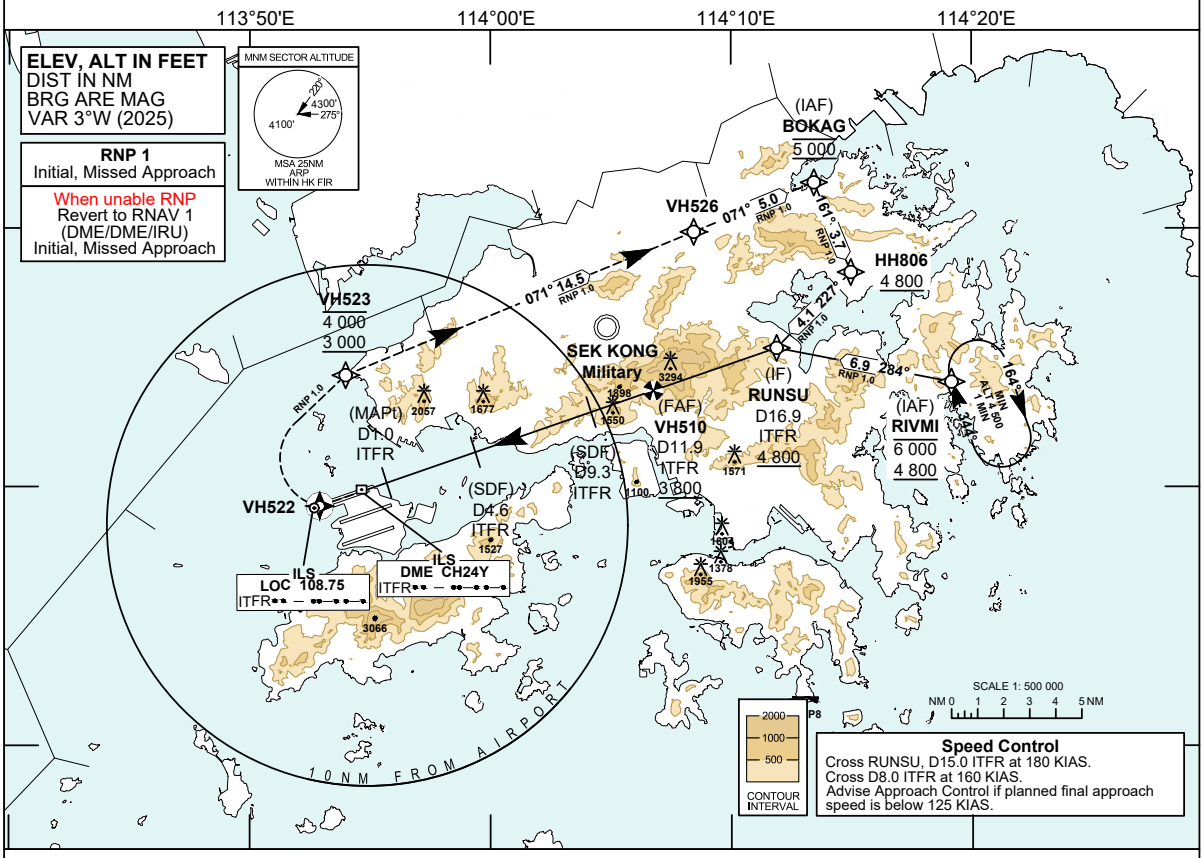
**AERODROME ELEV 28 FT**
THR ELEV 23 FT
HEIGHTS RELATED TO AD ELEV

| | |
|---|---|
| TOWER | 118.7 |
| APPROACH | 119.1 |
| DIRECTOR | 119.5 |

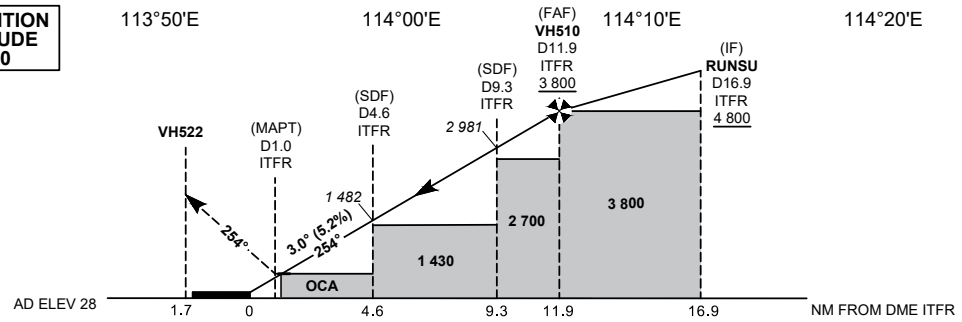
**HONG KONG / INTL (VHHH)**
**LOC RWY 25R**

**Warnings** 1. LOC ITFR UNUSABLE BEYOND 16° RIGHT OF COURSE

**Notes** 1. DME is required.
2. If unable RNP or 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.




**TRANSITION ALTITUDE 9000**




**MISSED APPROACH**
The Missed Approach Point is at ITFR DME 1 NM. Climb initially to 4 000 ft and track 254°M to VH522, then turn right direct to VH523 and cross VH523 between 3 000 ft and 4 000 ft. From VH523, climb to 5 000 ft and track to VH526 and BOKAG.
Speed restriction: 185 KIAS maximum until VH523, then maintain 230 KIAS until VH526, then maintain 210 KIAS until BOKAG.

| DME ITFR | 11.9 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| DIST THR (NM) | 11.7 | 10.8 | 9.8 | 8.8 | 7.8 | 6.8 | 5.8 | 4.8 | 3.8 | 2.8 | 1.8 |
| ALTITUDE (FT) | 3800 | 3520 | 3200 | 2880 | 2560 | 2240 | 1920 | 1600 | 1280 | 970 | 650 |

| Missed Approach Climb Gradient | | OCA (OCH) A | B | C | D |
|---|---|---|---|---|---|
| LOC | 5.1% | 430 (400) | | | |
| VISUAL CIRCLING NOT AVAILABLE | | N / A | | | |

| Ground Speed | kt | 80 | 100 | 120 | 140 | 160 | 180 |
|---|---|---|---|---|---|---|---|
| VH510-THR (11.7 NM) | min:s | 8:46 | 7:01 | 5:51 | 5:01 | 4:23 | 3:54 |
| ROD (5.2%) | ft / min | 430 | 530 | 640 | 740 | 850 | 960 |

CHANGE: Magnetic variation version and editorial change.

AD 2-VHHH-IAC-06C_V06_260617lh

# LOC RWY 25R APPROACH

## NAVIGATION AIDS

| Navaid/Ident | Frequency | Coordinates | | Remarks |
|---|---|---|---|---|
| Localizer/ITFR | 108.75 MHz | 22 19 12.67N | 113 52 40.61E | Course 254°M |
| DME/ITFR | CH 24Y | 22 19 55.16N | 113 54 38.56E | |

## TABULAR DESCRIPTION: LOC RWY 25R

| 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>+4800 | - | - | RNP 1/<br>RNAV 1 |
| 02 | TF | RUNSU | - | 284 (281) | +3.0 | 6.9 | - | +4800 | @180 | - | RNP 1/<br>RNAV 1 |
| 01 | IF | BOKAG | - | - | - | - | - | @5000 | @210 | - | RNP 1/<br>RNAV 1 |
| 02 | TF | HH806 | - | 161 (158) | +3.0 | 3.7 | - | +4800 | - | - | RNP 1/<br>RNAV 1 |
| 03 | TF | RUNSU | - | 227 (224) | +3.0 | 4.1 | - | +4800 | @180 | - | RNP 1/<br>RNAV 1 |
| 01 | IF | RUNSU | - | 254 (251) | +3.0 | - | - | +4800 | @180 | - | Conventional |
| 02 | - | VH510 | - | 254 (251) | +3.0 | 5.0 | - | +3800 | @180 | - | Conventional |
| 03 | - | RW25R | Y | 254 (251) | +3.0 | 11.7 | - | - | - | - | Conventional |
| 04 | CF | VH522 | Y | 254 (251) | +3.0 | 1.9 | - | - | - | - | RNP 1/<br>RNAV 1 |
| 05 | DF | VH523 | - | - | - | - | R | -4000<br>+3000 | @185 | - | RNP 1/<br>RNAV 1 |
| 06 | TF | VH526 | - | 071 (068) | +3.0 | 14.5 | - | - | @230 | - | RNP 1/<br>RNAV 1 |
| 07 | TF | BOKAG | - | 071 (068) | +3.0 | 5.0 | - | @5000 | @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 25R**

| Waypoint Identifier | Coordinates (WGS-84) | | Cross Reference from Navaid |
|---|---|---|---|
| RIVMI (IAF) | 22 24 03.96N | 114 19 09.28E | |
| BOKAG (IAF) | 22 31 46.65N | 114 13 27.06E | |
| HH806 | 22 28 18.61N | 114 14 58.76E | |
| RUNSU (IF) | 22 25 22.96N | 114 11 53.57E | ITFR DME 16.9 NM |
| VH510 (FAF) | 22 23 44.37N | 114 06 45.65E | ITFR DME 11.9 NM |
| SDF9.3 | 22 22 54.18N | 114 04 09.19E | ITFR DME 9.3 NM |
| SDF4.6 | 22 21 21.75N | 113 59 21.48E | ITFR DME 4.6 NM |
| MAPt | 22 20 10.82N | 113 55 41.07E | ITFR DME 1.0 NM |
| RW25R (THR) | 22 19 54.45N | 113 54 50.24E | |
| VH522 | 22 19 17.08N | 113 52 54.28E | |
| VH523 | 22 24 20.51N | 113 53 58.89E | |
| VH526 | 22 29 52.41N | 114 08 27.15E | |