INSTRUMENT APPROACH CHART - ICAO

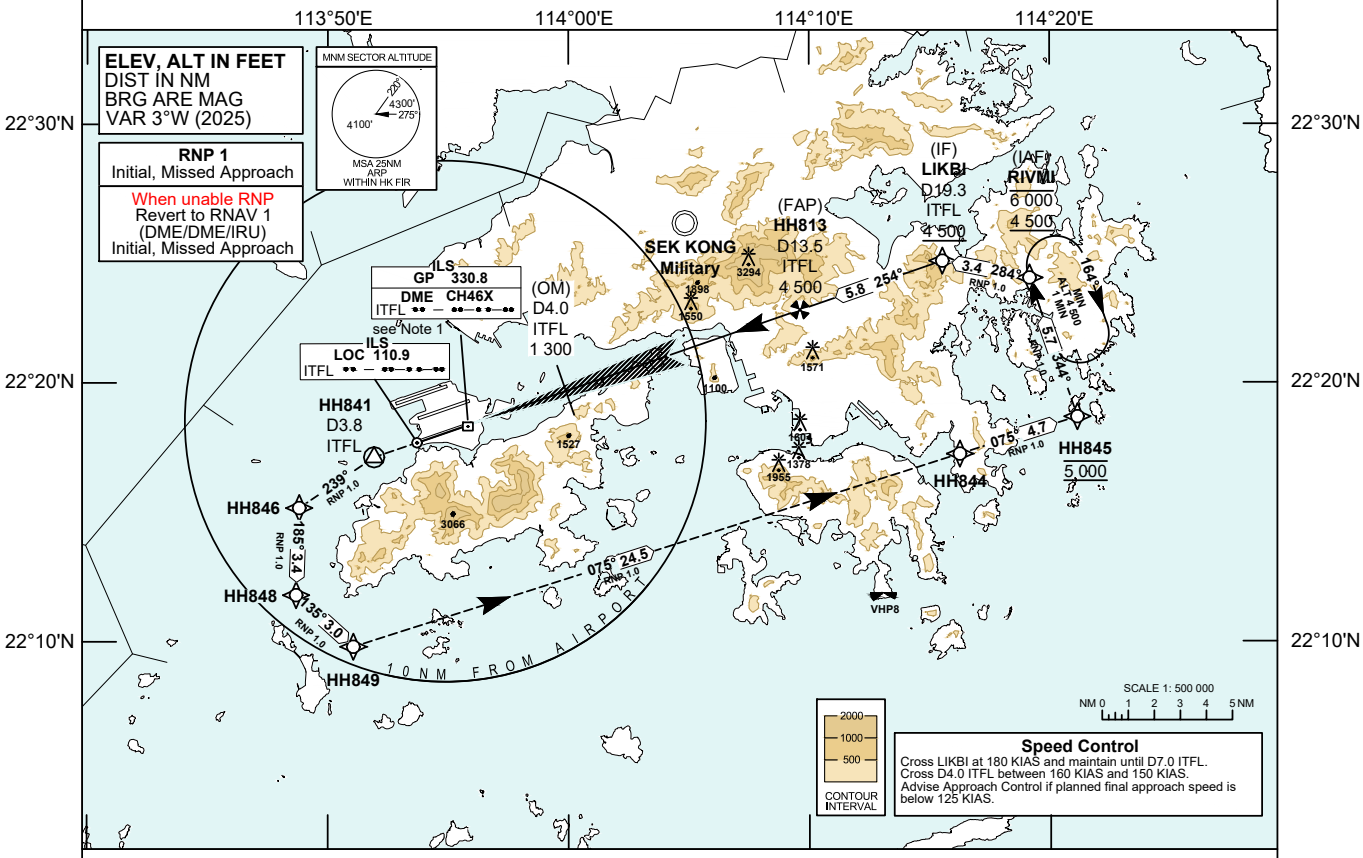
AERODROME ELEV 28 FT
HEIGHTS RELATED TO
THR RWY 25L - ELEV 27 FT

TOWER	118.4
APPROACH	119.1
DIRECTOR	119.5

HONG KONG / INTL (VHHH)
ILS RWY 25L
CAT II

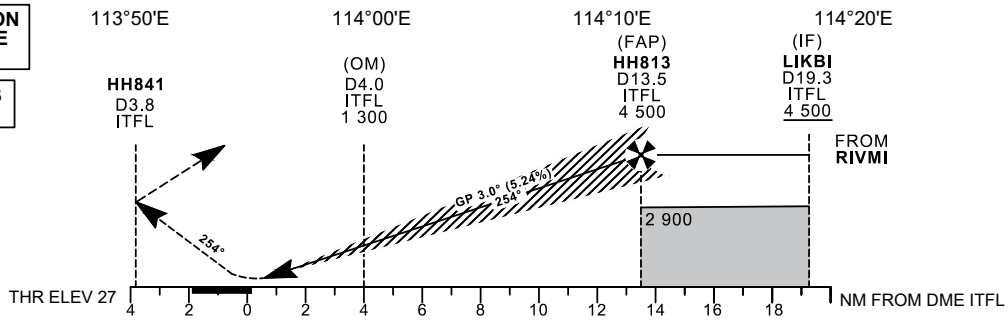
Warnings
1. LOC ITFL UNUSABLE BEYOND 28° LEFT OF COURSE AND BEYOND 22° RIGHT OF COURSE. GP UNUSABLE BEYOND 7° LEFT OF COURSE
2. GP SIGNAL MAY BE LIABLE TO INTERFERENCE FROM GROUND TRAFFIC DURING CAT I OPERATIONS
3. PILOTS SHOULD MONITOR FOR FALSE CAPTURE OF LOC AND GP BY COMPARING INDICATIONS WITH AIRCRAFT POSITION AND ALTITUDE

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.
3. Simultaneous dependent operation is authorized with RWY 25R or RWY 25C.



TRANSITION ALTITUDE 9000

ILS RDH 53
AT THR



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	13.5	13	12	11	10	9	8	7	6	5	4	3	2	1
DIST THR (NM)	13.3	12.8	11.8	10.8	9.8	8.8	7.8	6.8	5.8	4.8	3.8	2.8	1.8	0.8
ALTITUDE (FT)	4500	4300	3960	3620	3280	2950	2610	2280	1950	1630	1300	980	650	330

Missed Approach Climb Gradient		OCA (OCH) A	B	C	D
ILS CAT I	2.5%	607 (580)	619 (592)	627 (600)	638 (611)
	4.0%	227 (200)			
ILS CAT II	4.0%	127 (100)			
VISUAL CIRCLING NOT AVAILABLE		N / A			

Ground Speed	kt	80	100	120	140	160	180
HH813-THR (13.4 NM)	min:s	9:59	8:00	6:40	5:43	5:00	4:26
ROD (5.2%)	ft / min	440	550	660	770	880	990

CHANGE: Magnetic variation version and editorial change.

AD 2-VHHH-IAC-02A_V03_260617lh

ILS 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
Glide Path	330.8 MHz	22 18 19.93N	113 55 49.28E	3° glide slope Co-located
DME/ITFL	CH 46X			

TABULAR DESCRIPTION: ILS 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 +4500	-	-	RNP 1/ RNAV 1
02	TF	LIKBI	-	284 (281)	+3.0	3.4	-	+4500	@180	-	RNP 1/ RNAV 1
03	-	HH813	-	254 (251)	+3.0	5.8	-	-	@180	-	Conventional
04	-	RW25L	Y	254 (251)	+3.0	13.4	-	-	-	-	Conventional
05	-	HH841	Y	254 (251)	+3.0	4.0	-	-	-185	-	Conventional
06	CF	HH846	-	239 (236)	+3.0	-	-	-	@185	-	RNP 1/ RNAV 1
07	TF	HH848	-	185 (182)	+3.0	3.4	-	-	@185	-	RNP 1/ RNAV 1
08	TF	HH849	-	135 (132)	+3.0	3.0	-	-	@185	-	RNP 1/ RNAV 1
09	TF	HH844	-	075 (072)	+3.0	24.5	-	-	@230	-	RNP 1/ RNAV 1
10	TF	HH845	-	075 (072)	+3.0	4.7	-	@5000	@210	-	RNP 1/ RNAV 1
11	TF	RIVMI	-	344 (341)	+3.0	5.7	-	-	@210	-	RNP 1/ RNAV 1

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

WAYPOINT LIST

ILS 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
HH813 (FAP)	22 22 49.72N	114 09 36.81E	ITFL DME 13.5 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	