AIP HONG KONG

HONG KONG / INTL (VHHH) ILS CAT II or LOC RWY 07C **INSTRUMENT** AERODROME ELEV 28 FT HEIGHTS RELATED TO THR RWY 07C - ELEV 22 FT TOWER APPROACH 118.2 119.1 **APPROACH** DIRECTOR 119.5 **CHART - ICAO** Warnings 1. LOC IZSC UNUSABLE BEYOND 22° LEFT OF COURSE AND BEYOND 26° RIGHT OF COURSE 2. PILOTS SHOULD MONITOR FOR FALSE CAPTURE OF LOC AND GP BY COMPARING INDICATIONS WITH AIRCRAFT POSITION AND ALTITUDE Notes 1. DME is required. If unable RNP 1, inform ATC accordingly. If unable RNP 1 during missed approach, continue on the published missed approach track, climb and pass Minimum Sector Altitude (MSA) 4 300 ft as soon as practicable, and continue to 5 000 ft. 3. Simultaneous dependent operation is authorized with RWY 07R. 113°50'E 114°00'E 114°10'E HH741 ELEV, ALT IN FEET DIST IN NM BRG ARE MAG INM SECTOR ALTITUDE RNP 1 5 000 Initial, Missed Approach 22°30'N 22°30'N VAR 3°W (2020) HH748 RW07C SEK KONG ¬D00.2 (SDF) (MAPt) IZSC Military D4.0 D3.4 D1:0 IZSC *8208 IZSC IZSC 1 300 (FAF) VH711 (IF 22°20'N 22°20'N VH710 D5.0 ⁄D8.4 IZSC IZSC 1 600 LOC IZSC** W 333 X 109.3 1700 ď ď 332 GP DME CH30X TONIC <u>\$ 000</u> J Die. 22°10'N 22°10'N (IAF LIMES 9 6 000 CONTOUR INTERVAL Speed Control
TONIC at 180 KIAS and maintain
D4.0 IZSC between 3 000 Cross TONIC at 180 kIAS and maintain until D7.0 IZSC. Cross D4.0 IZSC between 160 KIAS and 150 KIAS. Advise Approach Control if planned final approach speed is selow 125 KIAS. **⊘**HH744 113°50'E (FAF) TRANSITION ALTITUDE 9000 114°00'E 114°10'E 114°20'E (IF) VH710 (OM) ILS RDH 50 AT *(MAPt) DISPLACED THR D1.0 IZSC *LOC only RW07C -HH747 IZSC 1200 NM FROM DME IZSC THR ELEV 22 MISSED APPROACH Climb to 5 000 ft. Track 074°M to HH747, then turn left to HH748. Track to HH741, then proceed to HH742, HH743, HH744 and LIMES. Speed restriction: Maximum 200 KIAS until HH748, then maintain 230 KIAS until LIMES. DME IZSC 5 3 2 DIST THR (NM) 4.8 3.8 ALTITUDE (FT) 1600 1280 960 640 MISSED APPROACH OCA (OCH **CLIMB GRADIENT** 781 2.5% (759)ILS CAT I Ground kt 80 100 120 140 180 4 6% 222 (200)Editorial Speed ILS CAT II 122 (100)4.9% VH711-THR 3:39 2:26 2:05 1:49 1:37 min:s 2:55 (4.9 NM) 2.5% 930 (902)LOC (GP INOP) ROD 3.9% 420 (392)ft / min 420 630 730 840 940 520 (5.2%)VISUAL CIRCLING N/A NOT AVAILABLE

AD 2-VHHH-IAC-03A V02 250220km

ILS or LOC RWY 07C APPROACH

NAVIGATION AIDS

Navaid/Ident	Frequency	Coordinates	Remarks
Localizer/IZSC	109.3 MHz	22 19 22.54N 113 56 06.89E	Course 074°M
Glide Path	332.0 MHz	22 18 47.96N 113 54 05.67F	3° glide slope
DME/IZSC	CH 30X	22 18 47.96N 113 54 05.67E	Co-located

TABULAR DESCRIPTION: ILS or LOC RWY 07C

Serial Number	Path Descriptor	Waypoint Identifier	Fly- over	Course °M (°T)	Magnetic Variation		Turn Direction	Altitude (ft)	Speed (KIAS)	VPA	Navigation Specification
01	IF	LIMES	-	-	+3.0	-	-	-6000 +3000	-	-	RNP 1
02	TF	TONIC	-	338 (335)	+3.0	7.0	-	+2000	@180	-	RNP 1
03	TF	VH710	-	036 (033)	+3.0	3.8	-	+1700	@180	-	RNP 1
04	-	VH711	-	074 (071)	+3.0	3.3	-	-	-	-	Conventional
05	-	RW07C	Υ	074 (071)	+3.0	4.9	-	-	-	-	Conventional
06	CF	HH747	-	074 (071)	+3.0	-	-	-	-200	-	RNP 1
07	TF	HH748	-	044 (041)	+3.0	10.1	-	-	@200	-	RNP 1
80	TF	HH741	-	071 (068)	+3.0	6.0	-	@5000	@230	-	RNP 1
09	TF	HH742	-	142 (139)	+3.0	14.9	-	-	@230	-	RNP 1
10	TF	HH743	-	226 (223)	+3.0	12.0	-	-	@230	-	RNP 1
11	TF	HH744	-	244 (241)	+3.0	17.8	-	-	@230	-	RNP 1
12	TF	LIMES	-	302 (299)	+3.0	10.4	=	-	@230	-	RNP 1

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

WAYPOINT LIST

ILS or LOC RWY 07C						
Waypoint Identifier	Coordina	ates (WGS-84)	Cross Reference from Navaio			
LIMES (IAF)	22 06 25.60N	113 46 32.60E				
TONIC	22 12 47.88N	113 43 21.85E				
VH710 (IF)	22 15 58.80N	113 45 35.61E	IZSC DME 8.4 NM			
VH711 (FAF)	22 17 04.63N	113 48 59.26E	IZSC DME 5.0 NM			
SDF, LOC only	22 17 36.93N	113 50 39.30E	IZSC DME 3.4 NM			
MAPt, LOC only	22 18 24.32N	113 53 06.18E	IZSC DME 1.0 NM			
RW07C (THR)	22 18 40.58N	113 53 56.64E	IZSC DME 0.2 NM			
HH747	22 20 00.42N	113 58 04.56E				
HH748	22 27 40.86N	114 05 14.12E				
HH741	22 29 58.66N	114 11 14.89E				
HH742	22 18 46.90N	114 21 54.81E				
HH743	22 09 58.85N	114 13 06.23E				
HH744	22 01 23.71N	113 56 19.34E				