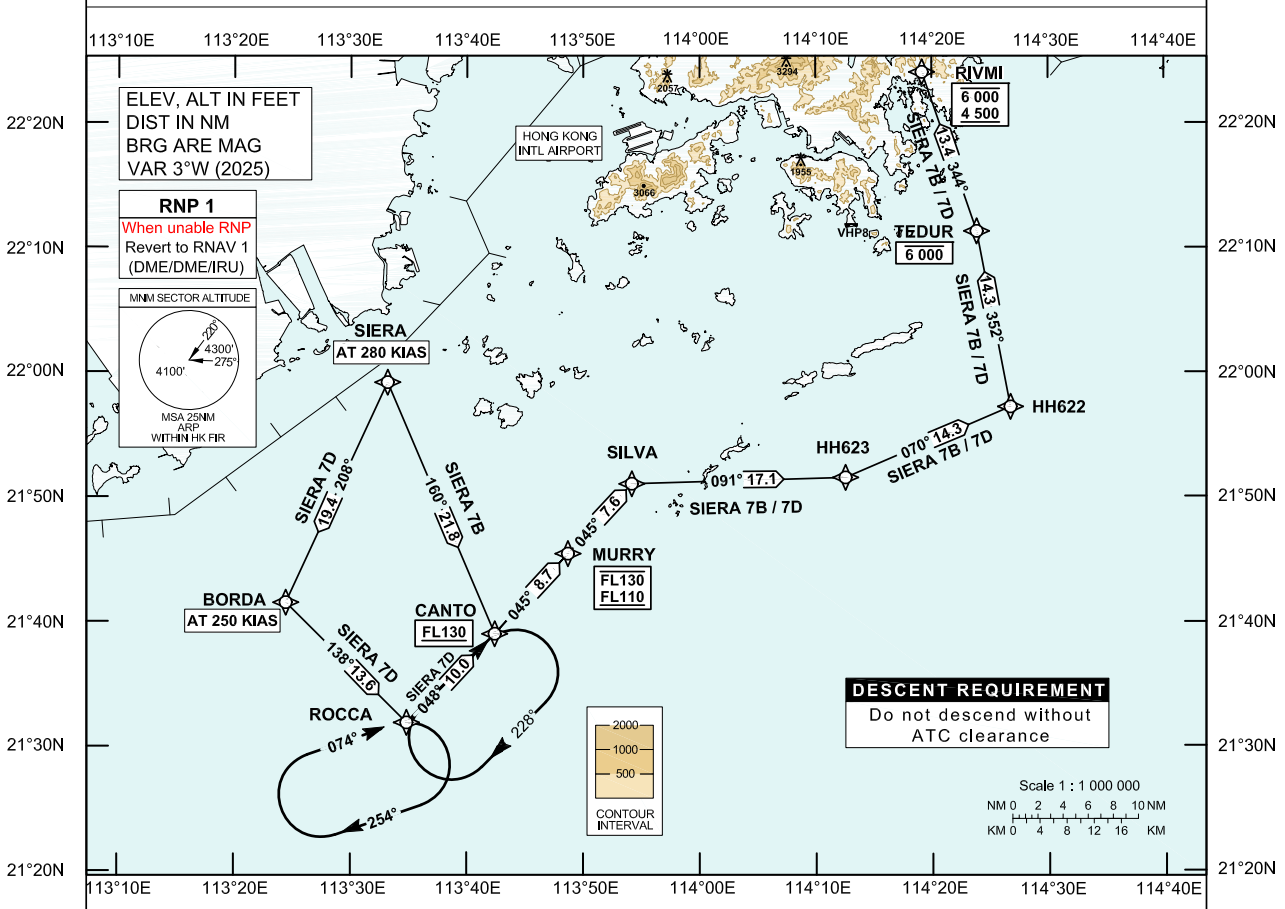
STANDARD ARRIVAL CHART-INSTRUMENT (STAR) - ICAO

Transition Altitude 9 000 ft
HONG KONG RADAR 127.55

HONG KONG / Intl (VHHH)
RNAV SIERA 7B / 7D STAR
RWY 25L/25C/25R

1. 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. See VHHH AD 2.22 para 7.1.3.1 for contingency procedures.



SIERA 7B STAR RWY 25L/25C/25R	SIERA 7D STAR RWY 25L/25C/25R
Expect ILS approach. Descend as directed by ATC. **SPEED CONTROL** Aircraft shall fly at 280 KIAS by SIERA.	Expect ILS approach.Descend as directed by ATC. **SPEED CONTROL** Aircraft shall fly at 280 KIAS by SIERA and 250 KIAS by BORDA.

DESCENT REQUIREMENT
Cross CANTO FL130 or above. Cross MURRY between FL130 and FL110.
DO NOT DESCEND WITHOUT ATC CLEARANCE.

HOLDING
The holding pattern for SIERA STARs is established at CANTO / ROCCA. If holding is required, each flight will be instructed individually.

ALTERNATIVE HOLDING
In order to provide traffic management flexibility during peak periods of arrivals or adverse weather situation in Hong Kong TMA, traffic may be instructed to hold at BETTY, GAMBA or other terminal holdings (see ENR 3.6) as directed by ATC.

LOSS OF COMMUNICATION
In the event of a loss of communication aircraft shall comply with the descent requirement and the STAR track above. Maintain FL130 to RIVMI. Join RIVMI holding pattern and descend to 4 500 ft in the hold, then carry out the appropriate ILS approach procedure.

UNABLE RNP OR LOSS OF GNSS PROCEDURE
- Revert to RNAV 1 (DME/DME/IRU) and inform ATC
- Continue on assigned STAR
- Critical DME: TD required

CHANGE: Magnetic variation version and editorial change.

AD 2-VHHH-STAR-SIERA-BD_V09_260702km

FMC Database Coding Reference for Hong Kong RNAV STARs

TABULAR DESCRIPTION: SIERA 7B Runway 25L / Runway 25C / Runway 25R

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	IF	SIERA	-	-	+3.0	-	-	-	@280	RNP 1/ RNAV 1
02	TF	CANTO	-	160 (157)	+3.0	21.8	-	+FL130	-	RNP 1/ RNAV 1
03	TF	MURRY	-	045 (042)	+3.0	8.7	-	-FL130 +FL110	-	RNP 1/ RNAV 1
04	TF	SILVA	-	045 (042)	+3.0	7.6	-	-	-	RNP 1/ RNAV 1
05	TF	HH623	-	091 (088)	+3.0	17.1	-	-	-	RNP 1/ RNAV 1
06	TF	HH622	-	070 (067)	+3.0	14.3	-	-	-	RNP 1/ RNAV 1
07	TF	TEDUR	-	352 (349)	+3.0	14.3	-	-6000	-	RNP 1/ RNAV 1
08	TF	RIVMI	-	344 (341)	+3.0	13.4	-	-6000 +4500	-	RNP 1/ RNAV 1

TABULAR DESCRIPTION: SIERA 7D Runway 25L / Runway 25C / Runway 25R

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
01	IF	SIERA	-	-	+3.0	-	-	-	@280	RNP 1/ RNAV 1
02	TF	BORDA	-	208 (205)	+3.0	19.4	-	-	@250	RNP 1/ RNAV 1
03	TF	ROCCA	-	138 (135)	+3.0	13.6	-	-	-	RNP 1/ RNAV 1
04	TF	CANTO	-	048 (045)	+3.0	10.0	-	+FL130	-	RNP 1/ RNAV 1
05	TF	MURRY	-	045 (042)	+3.0	8.7	-	-FL130 +FL110	-	RNP 1/ RNAV 1
06	TF	SILVA	-	045 (042)	+3.0	7.6	-	-	-	RNP 1/ RNAV 1
07	TF	HH623	-	091 (088)	+3.0	17.1	-	-	-	RNP 1/ RNAV 1
08	TF	HH622	-	070 (067)	+3.0	14.3	-	-	-	RNP 1/ RNAV 1
09	TF	TEDUR	-	352 (349)	+3.0	14.3	-	-6000	-	RNP 1/ RNAV 1
10	TF	RIVMI	-	344 (341)	+3.0	13.4	-	-6000 +4500	-	RNP 1/ RNAV 1

WAYPOINT LIST

Waypoint Identifier	Coordinates (WGS-84)	
SIERA	21 59 12.00N	113 33 12.00E
BORDA	21 41 32.37N	113 24 29.01E
ROCCA	21 31 55.42N	113 34 51.44E
CANTO	21 39 02.63N	113 42 25.09E
MURRY	21 45 28.37N	113 48 41.97E
SILVA	21 51 04.50N	113 54 10.88E
HH623	21 51 34.24N	114 12 32.62E
HH622	21 57 14.02N	114 26 43.79E
TEDUR	22 11 18.77N	114 23 51.26E
RIVMI	22 24 03.96N	114 19 09.28E