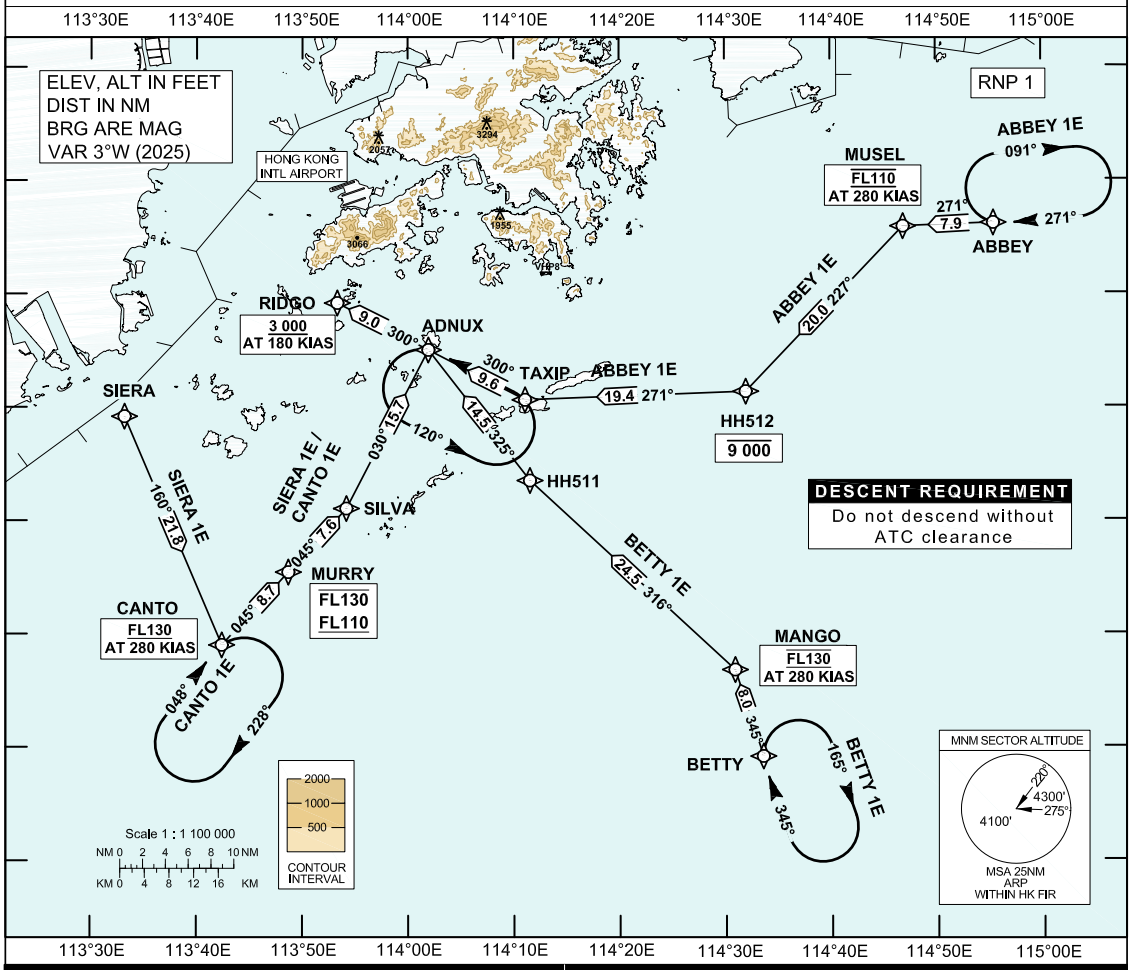
STANDARD ARRIVAL CHART-INSTRUMENT (STAR) - ICAO

Transition Altitude 9 000 ft

HONG KONG RADAR 126.3 (BETTY 1E)
HONG KONG RADAR 126.5 (ABBEY 1E)
HONG KONG RADAR 127.55 (CANTO 1E / SIERA 1E)

HONG KONG / Intl (VHHH)
RNAV (GNSS) ABBEY 1E / BETTY 1E STAR
RNAV (GNSS) CANTO 1E / SIERA 1E STAR
RWY 07R

1. For RNAV (GNSS) STAR, aircraft must be approved by State of Registry in accordance with ICAO RNP 1 standard or equivalent (see GEN 1.5 para 3.5.3). Carriage of certified GNSS receiver is mandatory.
2. In the event that PBN performance ceases to comply with the requirements for RNP 1 inflight, pilots must notify ATC as soon as possible. ATC assistance would be provided as necessary.



ABBEY 1E STAR RWY 07R

Expect RNP AR APCH. Inform ATC immediately if unable RNP AR APCH. Descend as directed by ATC.

BETTY 1E STAR RWY 07R

Expect RNP AR APCH. Inform ATC immediately if unable RNP AR APCH. Descend as directed by ATC.

CANTO 1E STAR RWY 07R

Expect RNP AR APCH. Inform ATC immediately if unable RNP AR APCH. Descend as directed by ATC.

SIERA 1E STAR RWY 07R

Expect RNP AR APCH. Inform ATC immediately if unable RNP AR APCH. Descend as directed by ATC.

DESCENT REQUIREMENT
Cross RIDGO at 3 000 ft or above.
ABBEY 1E Cross MUSEL at FL110.
BETTY 1E Cross MANGO at FL130.
CANTO 1E / SIERA 1E Cross CANTO FL130 or above. Cross MURRY between FL130 and FL110.
DO NOT DESCEND WITHOUT ATC CLEARANCE.

SPEED CONTROL
Aircraft shall fly at 280 KIAS by MUSEL / MANGO / CANTO, or as directed by ATC.

HOLDING
The holding pattern is established at ABBEY / BETTY / CANTO. If holding is required, each flight will be instructed individually.

ALTERNATIVE HOLDING
In order to provide traffic management flexibility during peak periods of arrival or adverse weather situation in Hong Kong TMA, traffic may be instructed to hold at BAKER 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. Thence: Maintain FL110 (from MUSEL) or FL130 (from MANGO or CANTO) to ADNUX. Join ADNUX holding pattern and descend to 4 500 ft in the hold, then continue to RIDGO, descend to 3 000 ft and carry out the appropriate RNP AR APCH.

CHANGE: New procedures.

AD 2-VHHH-STAR-E_V01_260721km

FMC Database Coding Reference for Hong Kong RNAV(GNSS) STARs

TABULAR DESCRIPTION: ABBEY 1E Runway 07R

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	ABBEY	-	-	+3.0	-	-	-	-	RNP 1
02	TF	MUSEL	-	271 (268)	+3.0	7.9	-	@FL110	@280	RNP 1
03	TF	HH512	-	227 (224)	+3.0	20.0	-	-9000	-	RNP 1
04	TF	TAXIP	-	271 (268)	+3.0	19.4	-	-	-	RNP 1
05	TF	ADNUX	-	300 (297)	+3.0	9.6	-	-	-	RNP 1
06	TF	RIDGO	-	300 (297)	+3.0	9.0	-	+3000	@180	RNP 1

TABULAR DESCRIPTION: BETTY 1E Runway 07R

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	BETTY	-	-	+3.0	-	-	-	-	RNP 1
02	TF	MANGO	-	345 (342)	+3.0	8.0	-	@FL130	@280	RNP 1
03	TF	HH511	-	316 (313)	+3.0	24.5	-	-	-	RNP 1
04	TF	ADNUX	-	325 (322)	+3.0	14.5	-	-	-	RNP 1
05	TF	RIDGO	-	300 (297)	+3.0	9.0	-	+3000	@180	RNP 1

TABULAR DESCRIPTION: CANTO 1E Runway 07R

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	CANTO	-	-	+3.0	-	-	+FL130	@280	RNP 1
02	TF	MURRY	-	045 (042)	+3.0	8.7	-	-FL130 +FL110	-	RNP 1
03	TF	SILVA	-	045 (042)	+3.0	7.6	-	-	-	RNP 1
04	TF	ADNUX	-	030 (027)	+3.0	15.7	-	-	-	RNP 1
05	TF	RIDGO	-	300 (297)	+3.0	9.0	-	+3000	@180	RNP 1

TABULAR DESCRIPTION: SIERA 1E Runway 07R

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	-	-	-	-	RNP 1
02	TF	CANTO	-	160 (157)	+3.0	21.8	-	+FL130	@280	RNP 1
03	TF	MURRY	-	045 (042)	+3.0	8.7	-	-FL130 +FL110	-	RNP 1
04	TF	SILVA	-	045 (042)	+3.0	7.6	-	-	-	RNP 1
05	TF	ADNUX	-	030 (027)	+3.0	15.7	-	-	-	RNP 1
06	TF	RIDGO	-	300 (297)	+3.0	9.0	-	+3000	@180	RNP 1

WAYPOINT LIST

Waypoint Identifier	Coordinates (WGS-84)		Waypoint Identifier	Coordinates (WGS-84)	
ABBEY	22 16 11.00N	114 55 25.92E	MURRY	21 45 28.37N	113 48 41.97E
BETTY	21 29 10.82N	114 33 31.92E	MUSEL	22 15 53.99N	114 46 52.13E
CANTO	21 39 02.63N	113 42 25.09E	RIDGO	22 09 11.98N	113 53 19.23E
ADNUX	22 05 03.55N	114 01 56.09E	SIERA	21 59 12.00N	113 33 12.00E
HH511	21 53 32.24N	114 11 31.99E	SILVA	21 51 04.50N	113 54 10.88E
HH512	22 01 21.80N	114 31 56.70E	TAXIP	22 00 39.11N	114 11 04.73E
MANGO	21 36 49.00N	114 30 53.00E			