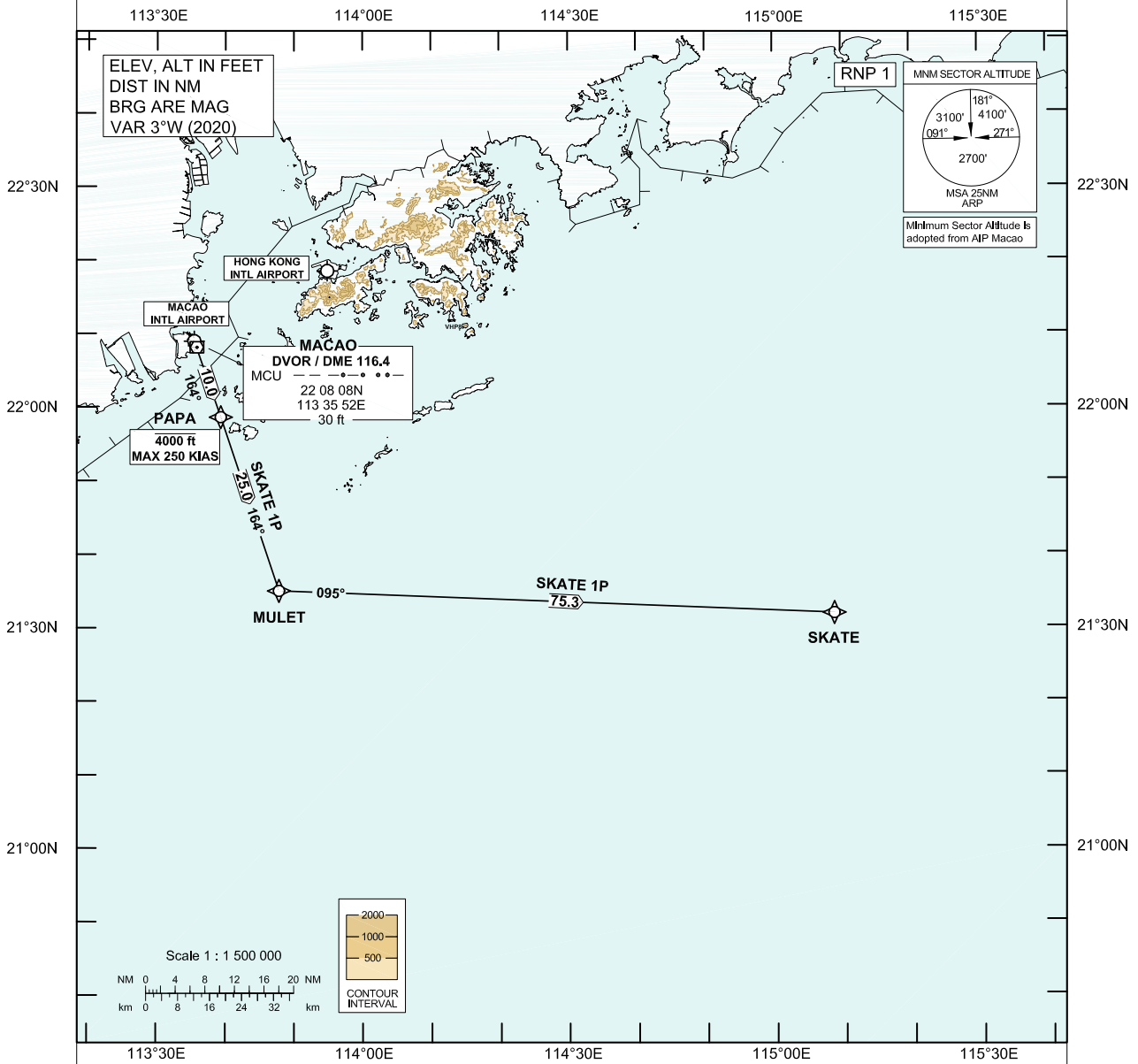


**STANDARD DEPARTURE CHART- INSTRUMENT (SID) - ICAO** Transition Altitude 9 000 ft **MACAO / Intl (VMC)**  
HONG KONG RADAR 123.95 **RWY 16**  
 **RNAV (GNSS) SKATE 1P SID**

1. Aircraft shall comply with the Macao RWY 16 SID procedure as published in the AIP Macao.
2. For RNAV (GNSS) SID, aircraft must be approved by State of Registry in accordance with ICAO RNP 1 standard or equivalent. Carriage of certified GNSS receiver is mandatory.
3. Aircraft that do not have approval or whose RNP 1 capability has been degraded shall use the Conventional Procedure described below.



**SKATE 1P SID RWY 16**

**RNP 1 Procedure**  
 (Mandate procedure available to aircraft appropriately equipped and approved)

PAPA - MULET - SKATE

**Conventional Procedure**  
 Continue outbound on MCU RDL 164 to PAPA then MULET. From MULET turn left direct to SKATE.

**If MCU DVOR is not available**  
 Continue tracking 164°M to MULET, then continue on the track above.

**CLIMB REQUIREMENT**  
 Climb to 4 000 ft. Expect further climb when Instructed by ATC.

**SPEED RESTRICTION**  
 Aircraft shall fly at 250 KIAS or less below FL 110.

CHANGE: New Procedure.

## FMC Database Coding Reference for Macao RNAV<sub>(GNSS)</sub> SIDs

### TABULAR DESCRIPTION: SKATE 1P Runway 16

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
Aircraft shall comply with the Macao RWY16 SID procedure as published in the AIP Macao										
01	CF	PAPA	-	-	+3.0	-	-	-4000	-250	RNP 1
02	TF	MULET	-	164	+3.0	25.0	-	-	-	RNP 1
03	TF	SKATE	-	095	+3.0	75.3	L	-	-	RNP 1

### WAYPOINT LIST

SKATE 1P RWY 16	
Waypoint Identifier	Coordinates (WGS-84)
PAPA	21 58 39 N 113 39 22 E
MULET	21 35 01.95 N 113 47 51.87 E
SKATE	21 31 54.99 N 115 08 39.94 E