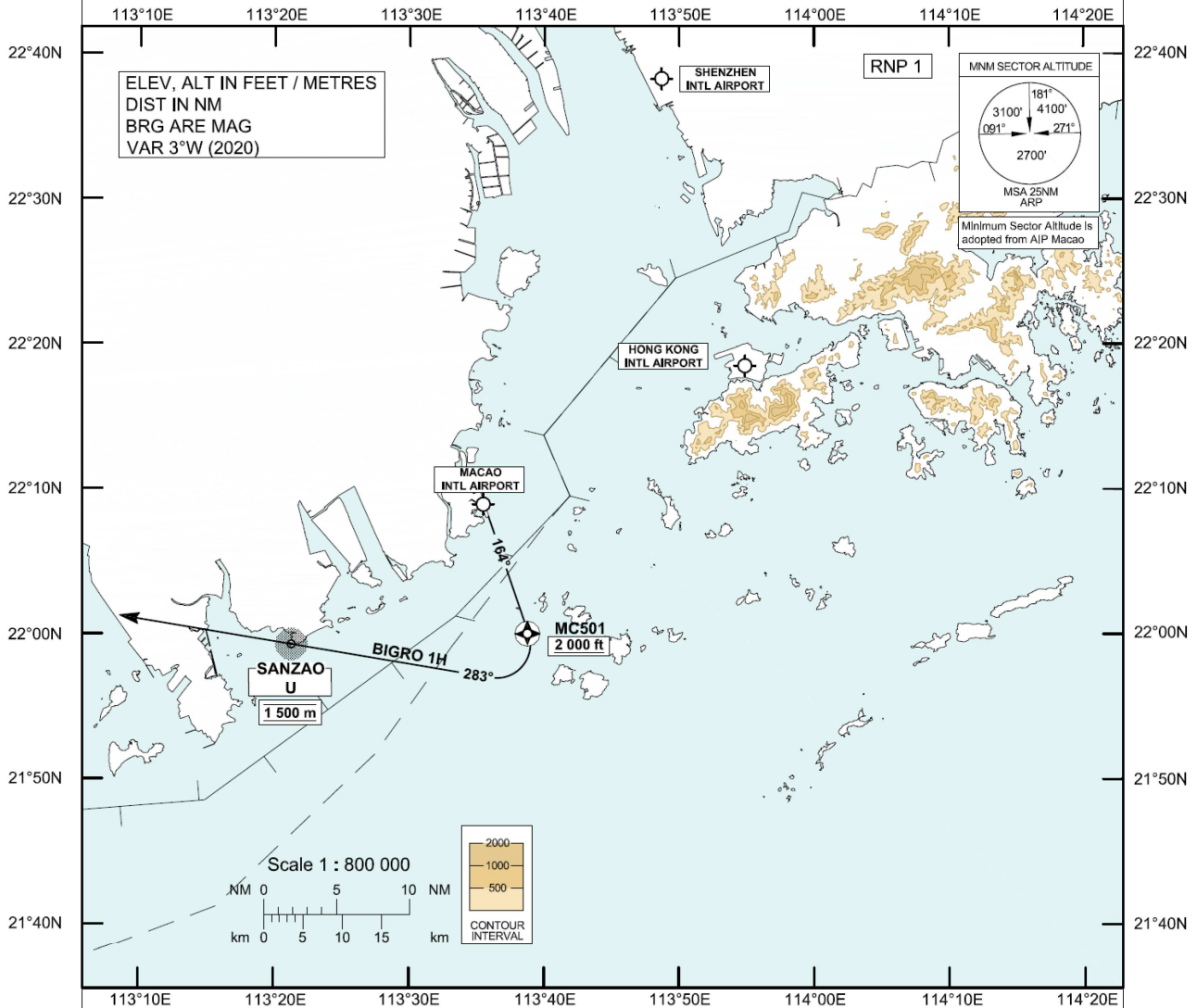


**STANDARD DEPARTURE CHART-
INSTRUMENT (SID) - ICAO**

Transition Altitude 9 000 ft
HONG KONG RADAR 123.95

**MACAO / Intl (VMC)
RWY 16
RNAV (GNSS) BIGRO 1H SID**

1. For use when MCU DVOR is not available.
2. Aircraft shall comply with the Macao RWY 16 SID procedure as published in the AIP Macao.



BIGRO 1H SID RWY 16

RNP 1 Procedure

MC501 - U

Continue in accordance with the SID procedure as published in the AIP Macao.

CLIMB REQUIREMENT

Cross MC501 at or above 2 000 ft (610 m).
Cross U NDB at 1 500 m. Expect further climb in accordance with procedure published in the AIP Macao.

This procedure requires a minimum climb gradient of 3.8% until reaching 1 500 m.

SPEED CONTROL

Maximum departure turning speed: 205 KIAS

CHANGE: Update of MSA.

FMC Database Coding Reference for Macao RNAV_(GNSS) SIDs

Designator: BIGRO 1H RWY 16

Serial Number	Path Descriptor	Waypoint Identifier	Fly-over	Course /Track °M (°T)	Magnetic Variation	Distance (NM)	Turn Direction	Altitude (ft)	Speed (KIAS)	Navigation Specification
Aircraft shall comply with the Macao RWY 16 SID procedure as published in the AIP Macao										
	CF	MC501	Y	163 (160)	+3.0	-	-	+2000	-205	RNP 1
	CF	U	-	-	+3.0	-	R	@1500M	-205	RNP 1

WAYPOINT LIST

BIGRO 1H RWY 16		
Waypoint Identifier	Coordinates (WGS84)	
MC501	22 00 03.00 N	113 38 45.76 E
U	21 59.3 N	113 21.3 E