AIP HONG KONG 28 NOV 24

MACAO / Intl (VMMC) STANDARD DEPARTURE CHART-Transition Altitude 9 000 ft **RWY 34 INSTRUMENT (SID) - ICAO** HONG KONG DEPARTURE 122.0 **RNAV (GNSS) ALLEY 4U SID** Aircraft shall comply with the Macao RWY 34 SID procedure as published in the AIP Macao.
 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. 113°30E 113°40E 113°50E 114°00E 114°10E 114°20E 114°30E 114°40E 0 ELEV, ALT IN FEET ALLEY 4U RNP 1 MNM SECTOR ALTITUDE DIST IN NM LUKBU MC411 **BRG ARE MAG** 5 500 ft 6 000 ft 4100 3000' 22°20N VAR 3°W (2020) 22°20N 091° INTL AIRPORT MC314 9 000 ft 🕥 MSA 25NM j Es 3 adopted from AIP Macao 22°10N 22°10N 00 SUDVA FL170 22°00N 22°00N 21°50N 21°50N 21°40N 21°40N SOSLU ALLEY 4U 21°30N 21°30N PECAN 1000 1:800 000 - 500 21°20N 21°20N 12 ALLEY 114°10E 114°20E 114°30E 114°40E 113°30E 113°40E 114°00E 113°50E **ALLEY 4U SID RWY 34** (Mandate procedure available to aircraft appropriately equipped and approved) revised frequency MC411 - LUKBU - MC314 - MC315 - SUDVA - SOSLU - PECAN - ALLEY **Conventional Procedure** Departures shall enter Hong Kong airspace via MC411. From MC411 direct to LUKBU, then to MC314, MC315, SUDVA, SOSLU, PECAN and ALLEY. **CLIMB REQUIREMENT** Cross MC411 at or above 5 500 ft climbing to 6 000 ft. Cross LUKBU at 6 000 ft or above. Expect further climb when instructed by ATC. SPEED RESTRICTION Aircraft shall fly at 250 KIAS or less below FL 110.

AD 2-VMMC-SID-ALLEY-U V07 240531k

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FMC Database Coding Reference for Macao RNAV_(GNSS) SID

TABULAR DESCRIPTION: ALLEY 4U Runway 34

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 RWY34 SID procedure as published in the AIP Macao										
01	TF	MC411	-	-	+3.0	ı	-	+5500	-250	RNP 1
02	TF	LUKBU	-	081 (078)	+3.0	5.1	-	+6000	1	RNP 1
03	TF	MC314	-	127 (124)	+3.0	10.6	-	+9000	-	RNP 1
04	TF	MC315	-	128 (125)	+3.0	9.4	-	+FL130	-	RNP 1
05	TF	SUDVA	-	128 (125)	+3.0	12.2	-	+FL170	-	RNP 1
06	TF	SOSLU	-	214 (211)	+3.0	29.7	-	-	-	RNP 1
07	TF	PECAN	-	197 (194)	+3.0	12.7	-	-	-	RNP 1
08	TF	ALLEY	-	217 (214)	+3.0	25.3	-	-	-	RNP 1

WAYPOINT LIST

WATI OINT LIST										
ALLEY 4U RWY 34										
Waypoint Identifier	Coordinates (WGS-84)									
MC411	22 21 41.20N	113 47 37.58E								
LUKBU	22 22 44.12N	113 53 01.50E								
MC314	22 16 42.35N	114 02 26.88E								
MC315	22 11 21.09N	114 10 47.55E								
SUDVA	22 04 25.14N	114 21 33.87E								
SOSLU	21 38 44.03N	114 05 18.39E								
PECAN	21 26 20.19N	114 02 05.64E								
ALLEY	21 05 11.15N	113 47 09.50E								