

AD 2 AERODROMES

Note: The following section in this chapter is intentionally left blank: AD-2.16

RPVM AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RPVM - MACTAN-CEBU INTERNATIONAL AIRPORT

RPVM AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	101829N 1235842E.
2	Direction and distance from (city)	Aerodrome is within Lapu-Lapu City and 10.08 KM NE of Cebu City.
3	Elevation/Reference temperature	34 FT / 33.3°C.
4	Geoid undulation at AD ELEV PSN	207 FT.
5	MAG VAR/Annual Change	2°W (2021) / 6.0' increasing.
6	AD Operator, address, telephone, telefax, telex, AFS	Mactan-Cebu International Airport Authority (MCIAA) MCIAA Corporate Building, Mactan-Cebu International Airport, Airport Rd., Lapu-Lapu City, 6016, Cebu, Philippines Phone: (+63) (032) 494-8020 (+63) (032) 341-1861 (Fax) Website: www.mciaa.gov.ph Email: pao.mciaa@gmail.com
7	Types of traffic permitted (IFR/VFR)	22L - 04R: IFR-VFR 04L - 22R: VFR-IFR
8	Remarks	RWY 04L/22R IFR during VMC only.

RPVM AD 2.3 OPERATIONAL HOURS

1	AD Operator	0000 - 0900.
2	Customs and immigration	H24.
3	Health and sanitation	H24.
4	AIS Briefing Office	H24.
5	ATS Reporting Office (ARO)	H24.
6	MET Briefing Office	On request.
7	ATS	H24.
8	Fuelling	H24.
9	Handling	H24.
10	Security	H24.
11	De-icing	Nil.
12	Remarks	Airport Operations: H24. General Aviation Operations: 2200 - 1000. MET office not co-located in the aerodrome.

RPVM AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Philippine Airlines (PAL) - Up to 20 tons. Philippine Airport Ground Support Solutions, Inc. (PAGSS) - Up to 40 tons.
2	Fuel/oil types	Jet A1, AVGAS 100.
3	Fuelling facilities/capacity	Petrofuel: Bridger - 2 x 40000 liters Refuelers - 2 x 10000 liters - 1 x 23800 liters - 1 x 22800 liters Clarkfield Aviation Services, Inc.: Bridger - 1 x 40000 liters - 1 x 36000 liters Refuelers - 1 x 40000 liters - 1 x 19000 liters - 1 x 18000 liters Cebu Pacific: Refuelers - 4 x 25000 liters - 1 x 35000 liters - 1 x 12000 liters Aboitiz GMR-Megawide Cebu Airport Corporation (AGMCAC): Fuel Hydrant - Bays: B1, C12R, C12C, C12L, C13R, C13C, C13L, C21, C22, C23 and R75.
4	De-icing facilities	Nil.
5	Hangar space for visiting aircraft	Limited to A321 and below. Prior arrangement needed.
6	Repair facilities for visiting aircraft	Lufthansa Technik Philippines. a) B747-400, B777, B787, B747-200, B737 - Transit Check. b) A350, A340, A330, A320, B737 - S1 and S2 check.
7	Remarks	Item 5 may be arranged with private hangar owners for General Aviation types.

RPVM AD 2.5 PASSENGER FACILITIES

1	Hotels	Near the aerodrome and in the city.
2	Restaurants	Within the aerodrome and in the city.
3	Transportation	Taxi, rent-a-car, utility jeepneys, utility buses, Transport Network Vehicle Services, tourist vans.
4	Medical facilities	First aid at the aerodrome, hospital in the city. COVID-19 test laboratory within the aerodrome.
5	Bank and Post Office	At aerodrome, open within aerodrome hours and in the city.
6	Tourist Office	Within the aerodrome and in the city.
7	Remarks	Nil.

RPVM AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Category 9.
2	Rescue equipment	Six (6) fire trucks [Three (3) Oshkosh (12000 liters each), one (1) FireBann (12000 liters), one (1) Komodo (11400 liters) and one (1) Isuzu (5200 liters)].
3	Capability for removal of disabled aircraft	Aircraft recovery and removal is generally an aircraft operator's responsibility. However, it must be understood that for the reasons of business continuity and for the minimization of potential operational interruption, MCIAA may intervene at any time to expedite the removal of a disabled aircraft on or near the aircraft movement area at the owner's or aircraft operator's expense. Refer to MCIAA Disabled Aircraft Removal Plan (DARP). Contact information for Removal Operations: 1. Airport Operations Control Center Phone: (+63) 032 494-7000 local 7296 2. Emergency Services and Security Department Phone: (+63) 032 494-8020 local 6103 3. Rescue and Fire Division/DARP Coordinator Phone: (+63) 032 494-8020 local 6401 Largest aircraft that the authority is capable to remove is ATR 72-600.
4	Remarks	120 trained personnel, crew bar, 20 SCBA, bolt cutter and axes per truck, 100 spine boards, 2 power saws, 2 wheeled type fire extinguishers, 1 heavy duty tire changer, 3 portable generators, 1 rescue trailer, canvass stretcher, 4 scoop stretchers. Medical vehicles: a. One (1) Hyundai ambulance b. One (1) Ford trauma van Foam Meeting Performance: Level B.

RPVM AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	Sweeper truck available. H24.
2	Clearance priorities	1. RWY, 2. TWY, 3. APN, 4. RWY Strips.
3	Remarks	Nil.

RPVM AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	Apron surface and strength	Main Apron Surface: CONC. Strength: 1007/R/B/X/U. Remote Apron Surface: CONC. Strength: 1007/R/B/X/U. Northeast Apron Surface: CONC. Strength: 1007/R/B/X/U. Southwest Apron Surface: CONC. Strength: 1007/R/B/X/U.
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2	Taxiway width, surface and strength	TWY A1 Width: 44 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.	TWY B6 Width: 44 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.
		TWY A2 Width: 27 M. Surface: CONC. Strength: 432/R/B/X/U.	TWY B7 Width: 23 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.
		TWY A3 Width: 23 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.	TWY C Width: 44 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.
		TWY A4 Width: 23 M. Surface: CONC+ASPH. Strength: 341/F/B/X/U.	TWY D1 Width: 23 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.
		TWY A5 Width: 23 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.	TWY D2 Width: 44 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.
		TWY A6 Width: 44 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.	TWY D3 Width: 23 M. Surface: CONC. Strength: 432/R/B/X/U.
		TWY B2 Width: 44 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.	TWY G1 Width: 25 M. Surface: CONC. Strength: 432/R/B/X/U.
		TWY B3 Width: 44 M. Surface: CONC. Strength: 432/R/B/X/U.	TWY G2 Width: 25 M. Surface: CONC. Strength: 432/R/B/X/U.
		TWY B4 Width: 44 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.	Rapid Exit TWY R1 Width: 44 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.
3	Altimeter checkpoint location and elevation	TWY B5 Width: 23 M. Surface: CONC+ASPH. Strength: 341/F/B/X/U.	Rapid Exit TWY R2 Width: 44 M. Surface: CONC+ASPH. Strength: 630/F/B/X/U.
		Location: 101753.88N 1235819.56E. Elevation: 39 FT.	
4	VOR checkpoints	Nil.	
5	INS checkpoints	Nil.	
6	Remarks	Nil.	

RPVM AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand ID signs, TWY guide lines and visual docking/parking guidance system of aircraft stands	Taxiing aircraft should follow ground marshal. Follow-me vehicle available. Guide lines for Main Apron, Remote Apron, Northeast Apron and Southwest Apron. Advance Visual Docking Guidance System Unit for Main Apron and Southwest Apron.
2	RWY and TWY markings and LGT	04R - 22L: Designation, THR, RWY center line, Touchdown zone, Aiming point markings, RWY edge markings, RWY holding markings, RWY center lights, RWY edge lights, Approach lights. 04L - 22R: Designation, THR, RWY center line, Touchdown zone, Aiming point markings, RWY edge markings, RWY holding markings, RWY center lights, RWY edge lights, Approach lights. TWY: TWY center line, TWY edge markings, TWY edge light, TWY center lights (Rapid Exit TWY R1, Rapid Exit TWY R2).
3	Stop bars and RWY guard lights	RWY 04R/22L: RWY guard lights. RWY 04L/22R: RWY guard lights.
4	Other RWY protection measures	Nil.
5	Remarks	Main Apron, Remote Apron, Northeast Apron, Southwest Apron: Parking bays, Taxi guide lines.

RPVM AD 2.10 AERODROME OBSTACLES

In approach/TKOF areas			In circling area and at AD		Remarks
1			2		3
RWY/Area affected	Obstacle type Elevation Markings/LGT	Coordinates	Obstacle type Elevation Markings/LGT	Coordinates	
a	b	c	a	b	
04R APCH	Tree 64 FT	101739.7N 1235756.7E	Antenna 2637 FT	102151.7N 1235116.7E	Nil
04L APCH	Communication Antenna 104 FT	101750.3N 1235754.0E	City Light Building 770 FT	102046.6N 1235351.6E	
	Tree 62 FT	101750.0N 1235757.6E	Marco Polo Hotel 758 FT	102031.1N 1235352.6E	
			CCLEX Bridge 486 FT LGTD	101706.6N 1235401.5E	
			Building 427 FT	101915.2N 1235617.5E	
			Communication Tower 402 FT	101608.4N 1235855.2E	
			Building 375 FT	101615.1N 1235849.5E	
			Building 340 FT	101936.7N 1235832.4E	
			Building 319 FT	101755.4N 1240056.7E	

In approach/TKOF areas			In circling area and at AD		Remarks
1			2		3
RWY/Area affected	Obstacle type Elevation Markings/LGT	Coordinates	Obstacle type Elevation Markings/LGT	Coordinates	
a	b	c	a	b	
			Building 302 FT	101919.7N 1240207.1E	
			Building 302 FT	101808.2N 1235905.5E	
			Building 280 FT	101838.8N 1240124.3E	
			Building 279 FT	101906.7N 1240158.0E	
			Communication Antenna 273 FT	101555.3N 1235801.7E	
			Building 256 FT	101724.8N 1240016.8E	
			Building 254 FT	101825.1N 1240055.9E	
			Building 247 FT	101824.0N 1240056.7E	
			Water Tank 223 FT	101915.4N 1235846.0E	
			Building 208 FT	101755.7N 1240046.3E	
			Communication Antenna 203 FT	101935.4N 1235850.9E	
			Communication Antenna 182 FT	101930.7N 1235851.5E	
			Building 178 FT	101924.5N 1235822.6E	
			Water Tank 173 FT	101906.8N 1235842.6E	
			Building 170 FT	101819.1N 1235635.3E	

RPVM AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Associated MET Office	Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA).
2	Hours of service MET Office outside hours	H24. -
3	Office responsible for TAF preparation Periods of validity	PAGASA. H30.
4	Trend forecast Interval of issuance	METAR. Hourly.
5	Briefing/consultation provided	Weather briefings or consultations are provided to the air navigation users (walk-in or phone calls or meetings with prior coordination).

6	Flight documentation Language(s) used	- English.
7	Charts and other information available for briefing or consultation	Satellite/radar images (upon request), thunderstorm advisory posted in the official PAGASA Mactan Facebook page.
8	Supplementary equipment available for providing information	AWOS RWY 04R/22L: Anemometer, WDI, Transmissometer (RVR), and Ceilometer. RWY 04R: Barometer, RWY Temperature Indicator and Relative Humidity. HR of OPS:H24.
9	ATS units provided with information	Mactan Tower.
10	Additional information (limitation of service, etc.)	Transmissometer (RVR): RWY 04R: 101756.30N 1235819.90E. RWY 22L: 101853.50N 1235917.00E. Ceilometer: RWY 04R: 101738.60N 1235801.60E. RWY 22L: 101913.50N 1235936.40E.

RPVM AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (M)	Strength (PCR) and surface of RWY and SWY	THR coordinates RWY end coordinates THR geoid undulation	THR elevation and highest elevation of TDZ of precision APP RWY	Slope of RWY-SWY
1	2	3	4	5	6	7
04R	044.84°	3310 X 45	630/F/B/X/U CONC+ASPH	101749.03N 1235807.63E 207 FT	THR 21 FT TDZ 24 FT	0.12% uphill towards THR 22L
22L	224.84°	3310 X 45	630/F/B/X/U CONC+ASPH	101905.43N 1235924.34E 207 FT	THR 31 FT TDZ 32 FT	
04L	044.84°	2560 X 45	590/R/A/W/T CONC	101809.06N 1235818.01E 207 FT	THR 26 FT TDZ 31 FT	0.05% uphill towards THR 22R
22R	224.84°	2560 X 45	590/R/A/W/T CONC	101908.14N 1235917.33E 207 FT	THR 29 FT TDZ 29 FT	
SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	RESA dimensions (M)	Location/ description of arresting system	OFZ	Remarks
8	9	10	11	12	13	14
Nil	Nil	3430 X 150	120 X 150	Nil	Nil	Nil
Nil	Nil	3430 X 150	120 X 150	Nil	Nil	Nil
Nil	250 X 150	2680 X 150	120 X 150	Nil	Nil	Nil
Nil	250 X 150	2680 X 150	120 X 150	Nil	Nil	Nil

RPVM AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
04R	3310	3310	3310	3310	Nil
22L	3310	3310	3310	3310	Nil
04L	2560	2810	2560	2560	Nil
22R	2560	2810	2560	2560	Nil

RWY Designator	Intersection departures	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6	7
04R	A5	2530	2530	2530	2530	Nil
04R	A4	1695	1695	1695	1695	Nil
22L	A2	2780	2780	2780	2780	Nil
22L	A3	2390	2390	2390	2390	Nil
04L	B6	2115	2365	2115	2115	Nil
04L	B5	1595	1845	1595	1595	Nil
22R	B3	2120	2370	2120	2120	Nil
22R	B4	1739	1989	1739	1739	Nil

RPVM AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type, LEN, INTST	THR LGT colour, WBAR	VASIS, (MEHT), PAPI	TDZ, LGT LEN
1	2	3	4	5
04R	SALS 420 M LIH with sequenced FLG LGT	THR LGT Green	PAPI 3.0° Left/Right (65.03 FT)	Nil
22L	PALS 900 M LIH with sequenced FLG LGT	THR LGT Green WBAR: 5	PAPI 3.0° Left/Right (65.03 FT)	Nil
04L	SALS 420 M LIH	THR LGT Green	PAPI 3.0° Left/Right (56.89 FT)	Nil
22R	SALS 420 M LIH	THR LGT Green	PAPI 3.0° Left/Right (56.89 FT)	Nil

RWY Centre Line LGT LEN, spacing, colour, INTST	RWY Edge LGT LEN, spacing, colour, INTST	RWY End LGT colour, WBAR	SWY LGT LEN, colour	Remarks
6	7	8	9	10
3310 M, 30 M, White, LIH	3310 M, 60 M, White, LIH	Red	Nil	RWY 04R Approach light Color: White. SALS is elevated and inset. NR of THR light in RWY 04R: 20. RWY Center light is white except the last 600 M alternating red/white, 300 M red from the THR. RWY Edge light is white except 600 M yellow from the THR.
3310 M, 30 M, White, LIH	3310 M, 60 M, White, LIH	Red WBAR: 10	Nil	RWY 22L Approach light Color: White. PALS is elevated and inset. NR of THR light in RWY 22L: 20. RWY Center light is white except the last 600 M alternating red/white, 300 M red from the THR. RWY Edge light is white except 600 M yellow from the THR.

RWY Centre Line LGT LEN, spacing, colour, INTST	RWY Edge LGT LEN, spacing, colour, INTST	RWY End LGT colour, WBAR	SWY LGT LEN, colour	Remarks
6	7	8	9	10
2560 M, 30 M, White, LIH	2560 M, 60 M, White, LIH	Red	Nil	RWY 04L Approach light Color: White. SALS is elevated and inset. NR of THR light in RWY 04L: 16. PAPI: Visibility Range: 7 NM. Light Intensity: Clear. Light Transition: Clear. RWY Center light is white except the last 600 M alternating red/white, 300 M red from the THR. RWY Edge light is white except 600 M yellow from the THR.
2560 M, 30 M, White, LIH	2560 M, 60 M, White, LIH	Red	Nil	RWY 22R Approach light Color: White. SALS is elevated and inset. NR of THR light in RWY 22R: 16. PAPI: Visibility Range: 7 NM. Light Intensity: Clear. Light Transition: Clear. RWY Center light is white except the last 600 M alternating red/white, 300 M red from the THR. RWY Edge light is white except 600 M yellow from the THR.

RPVM AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	Location: 101852.09N 1235841.00E. Characteristics: An aeronautical ground light visible at all direction showing green and white color alternatively at 20 flashes per minute. HR of OPS: H24.
2	LDI location and LGT Anemometer location and LGT	Anemometer RWY 04R: 101755.10N 1235819.00E, LGTD. RWY 22L: 101853.70N 1235917.50E, LGTD.
3	TWY edge and centre line lighting	TWY A1: Edge LGT Blue. TWY A2: Edge LGT Blue. TWY A3: Edge LGT Blue. TWY A4: Edge LGT Blue. TWY A5: Edge LGT Blue. TWY A6: Edge LGT Blue. TWY B2: Edge LGT Blue. TWY B3: Edge LGT Blue. TWY B4: Edge LGT Blue. TWY B5: Edge LGT Blue. TWY B6: Edge LGT Blue. TWY B7: Edge LGT Blue. TWY C: Edge LGT Blue. TWY D1: Edge LGT Blue. TWY D2: Edge LGT Blue. TWY D3: Edge LGT Blue. TWY G1: Edge LGT Blue. TWY G2: Edge LGT Blue. Rapid Exit TWY R1: Edge LGT Blue, CL LGT Green. Rapid Exit TWY R2: Edge LGT Blue, CL LGT Green.
4	Secondary power supply/switch-over time	Stand-by generating set / switch-over time 15 seconds.
5	Remarks	Nil.

RPVM AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	MACTAN AERODROME TRAFFIC ZONE (ATZ): A circle radius 5 NM centered on 101829N 1235842E (ARP). MACTAN VFR Corridors: North (Danao) - The airspace bounded by 101848.8N 1235917.9E (MCT DVOR/DME) Radial 360 clockwise to the western boundary of the IFR area (East quadrant) and Mactan ATZ. Southwest (Naga) - The airspace between the western boundary of the IFR area (Southwest quadrant), Radial 265 of 101848.8N 1235917.9E (MCT DVOR/DME) and Mactan ATZ. Southeast (Caubyan/Coamen) - The airspace bounded by the 101848.8N 1235917.9E (MCT DVOR/DME) Radial 100 clockwise to Radial 180 starting from 5 NM to 15 NM radius centered on 101829N 1235842E (Mactan ARP). MACTAN CONTROL ZONE (CTR): A circle radius 10 NM centered on 101848.8N 1235917.9E (MCT DVOR/DME) extending to 15 NM radius on the northeast bounded by Radial 020 clockwise to Radial 100 and on the southwest bounded by Radial 180 clockwise to Radial 240. DUMAGUETE CONTROL ZONE (CTR): A circle radius 10 NM centered on 092003N 1231807E (Dumaguete ARP). PANGLAO CONTROL ZONE (CTR): A circle radius 10 NM centered on 093426N 1234614E (Bohol-Panglao ARP). MACTAN IFR Climb/Descend Areas: The airspace bounded by 101848.8N 1235917.9E (MCT DVOR/DME) Radial 020 clockwise to Radial 100 (East quadrant) and from Radial 180 clockwise to Radial 240 (Southwest quadrant) starting from 5 NM radius and extending 15 NM radius of 101848.8N 1235917.9E (MCT DVOR/DME). MACTAN TERMINAL CONTROL AREAS (TMA): From 101607N 1230839E thence along an arc 50 NM radius centered on 101848.8N 1235917.9E (MCT DVOR/DME) clockwise - 092835N 1235944E - 090701N 1231804E - 092749N 1225302E - 101607N 1230839E. MACTAN SUB-TERMINAL CONTROL AREA (TMA): From 095358N 1234459E - 095345N 1240104E - 092229N 1240315E - 090935N 1235745E - 090454N 1234214E - 090701N 1231804E - 092838N 1231345E - 095358N 1234459E.
2	Vertical limits	ATZ: SFC up to but excluding 2000 FT. VFR Corridor: 5 NM to 10 NM - SFC to 1500 FT. : 10 NM to 15 NM - SFC to 2500 FT. CTR: SFC up to 1500 FT. IFR Climb/Descend Areas: GND to UNL. TMA: 1500 FT to FL200 (excluding ATZ and ATS routes at FL160 and above).
3	Airspace classification	ATZ - B; CTR - D; TMA - D, ATS routes inside TMA below FL160 - D; and ATS routes inside TMA above FL160 - A.

4	ATS unit call sign Language(s)	ATZ - Mactan Tower. CTR/TMA/SUB-TMA - Mactan Approach. English.
5	Transition altitude	11000 FT.
6	Hours of applicability	H24.
7	Remarks	Nil.

RPVM AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	Call Sign	Frequency	SATVOICE number	Logon address	Hours of operation	Remarks
1	2	3	4	5	6	7
TWR	Mactan Tower	118.1 MHZ 121.5 MHZ	Nil	Nil	H24	PRI FREQ. Distress FREQ.
GND	Mactan Ground Control	121.8 MHZ				PRI FREQ.
APP	Mactan Approach	124.7 MHZ 121.2 MHZ				PRI FREQ. STRY FREQ.
CLNC DEL	Clearance Delivery	125.1 MHZ				PRI FREQ.
SUB-ACC	Mactan Control	132.2 MHZ 127.5 MHZ 121.5 MHZ				East sector FREQ. West sector FREQ. Distress FREQ.
FSS	Mactan Radio	5205 KHZ 3872.5 KHZ 124.0 KHZ				P/P PRI FREQ. P/P Back-up FREQ. A/G FREQ.
FOBS	Mactan Briefing	118.5 MHZ				Nil.
ATIS	Mactan ATIS	126.6 MHZ				Nil.

RPVM AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, MAG VAR, Type of supported OP(for VOR/ILS/MLS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
DVOR/DME (2°W / 2021)	MCT	114.3 MHZ / CH90X	H24	101848.8N 1235917.9E	100 FT	500 M from THR RWY 22L and 220 M right of CL. VOR - 100 W. DME - 1 KW. VOR unusable Radial 300 to Radial 320 beyond 40 NM below 8500 FT.

Type of aid, MAG VAR, Type of supported OP(for VOR/ILS/MLS, give declination)	ID	Frequency	Hours of operation	Position of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
1	2	3	4	5	6	7
ILS LOC 04R CAT I (2°W / 2021)	IMT	109.9 MHZ	H24	101914.3N 1235933.3E		Usable distance - 25 NM; Course Width - 3.36° (Transmitter 1), 3.37° (Transmitter 2).
GP 04R (2°W / 2021)		333.8 MHZ	H24	101752.7N 1235818.2E	100 FT	Usable distance - 10 NM Glide Angle - 3.12° (Transmitter 1), 3.10° (Transmitter 2). Path Width - 0.66° (Transmitter 1), 0.67° (Transmitter 2).
DME 04R (2°W / 2021)		CH36X	H24	101752.7N 1235818.2E	100 FT	DME Coverage Range - 25 NM.
ILS LOC 22L CAT I (2°W / 2021)	IMCT	109.1 MHZ	H24	101742.3N 1235800.8E		Usable distance - 25 NM; Course Width - 3.39° (Transmitter 1), 3.46° (Transmitter 2).
GP 22L (2°W / 2021)		331.4 MHZ	H24	101854.9N 1235920.7E	100 FT	Usable distance - 10 NM Glide Angle - 3.02° (Transmitter 1), 3.04° (Transmitter 2). Path Width - 0.76° (Transmitter 1), 0.68° (Transmitter 2).
DME 22L (2°W / 2021)		CH28X	H24	101854.9N 1235920.7E	100 FT	DME coverage range - 25 NM.

RPVM AD 2.20 LOCAL AERODROME REGULATIONS

1. Airport Regulations

1.1 General

1.1.1 Entry and departure of aircraft on international flights:

- a. All Mactan bound international scheduled/non-scheduled air carriers must land at Mactan-Cebu International Airport and shall park at the assigned bay for Customs, Immigration and Quarantine (CIQ) clearance;
- b. No aircraft shall be released from the assigned bay to their respective hangars unless officially released by the Office of the Military Supervisor and CIQ;
- c. All international scheduled/non-scheduled air carriers intending to depart from Mactan shall proceed to the assigned bay for CIQ clearance; and
- d. Loading and unloading of cargoes and embarkation/disembarkation of passengers shall be done at the assigned bays.

1.1.2 All General Aviation Flight Plan emanating from Mactan General Aviation Area shall be presented for stamping and signature to the duty personnel of 7th Philippine Civil Aviation for Security (PCAS) General Aviation Field office located at the General Aviation Terminal lounge before it will be faxed to Mactan FSS for Aircraft Clearance Permit (ACP) and approval.

1.1.3 All General Aviation aircraft either domestic or international flights operating at General Aviation Area must inform MCIAA General Aviation Office through flight advisories at least 24 hours before arrival for their parking assignment and billing.

1.2 Local Flying Restriction

1.2.1 Closed to aircraft operations without a functioning two-way radio.

1.2.2 No aircraft without a functioning ATC transponder with a Mode C capability shall be authorized to operate within Mactan TMA, except helicopters flying below 304 M (1000 FT) AMSL.

1.3 RWY 04R/22L Operations

1.3.1 Hours of Operations: H24.

1.4 RWY 04L/22R Operations

1.4.1 IFR flights permitted during VMC.

1.4.2 Take-off/landing on RWY 04L/22R allowed whenever RWY 04R/22L is closed.

1.4.3 Take-off/landing on RWY 04L/22R allowed based on the following limitations:

- a. No take-off/landing on RWY 04L/22R of Code C and above aircraft whenever there is a Code D and above aircraft operating on TWY C.
- b. No take-off/landing on RWY 04L/22R of Code D and above aircraft whenever there is a Code C and above aircraft operating on TWY C.

2. Taxiing to and from stands

2.1 Taxiways G1, G2, D1, D2 and D3 are utilized for this purpose.

- 2.2 General Aviation aircraft transiting the airport may park at the Northeast Apron. Exercise caution when taxiing to keep clear of other aircraft parked at the Northeast Apron.
- 2.3 All wide body four-engine aircraft are advised to use the inboard engines when taxiing to avoid foreign object damage.
- 2.4 Code C aircraft not allowed to enter TWY C whenever a Code D and above aircraft is taking-off and landing on RWY 04L/22R.
- 2.5 Code D and above aircraft not allowed to enter TWY C whenever a Code C and above aircraft taking-off or landing on RWY 04L/22R.
- 2.6 Engine Run-up and Isolation Area
 - 2.6.1 Engine run-up area is at TWY G1.
 - 2.6.2 Isolation area is at TWY G1.
- 2.7 Aircraft Taxiing Route
 - 2.7.1 When RWY 04R in use:
 - a. Departures shall taxi from parking aprons via TWY D1 or TWY D2 or TWY D3 then TWY C to TWY B7 to TWY A5 for short field take-off; or continue TWY A6 for normal take-off.
 - b. Arrivals shall taxi via Rapid Exit TWY R1 or TWY A3 to TWY B4 or via TWY A2 to TWY B3 to the parking apron; or via TWY A1 to TWY B2 to TWY C then TWY D1 to the parking apron.
 - c. General Aviation aircraft departures shall taxi from the parking apron via TWY G2.
 - d. General Aviation aircraft arrivals shall taxi to the parking apron via TWY G1.
 - 2.7.2 When RWY 22L in use:
 - a. Departures shall taxi from parking aprons via TWY D1 or TWY D2 or TWY D3 to TWY C to TWY B3 to TWY A2 for short field take-off; or continue TWY C to TWY B2 to TWY A1 for normal take-off.
 - b. Arrivals shall taxi via Rapid Exit TWY R2 to TWY B6 or TWY A5 to TWY B7 or TWY A6 to TWY C then TWY D1 or TWY D2 or TWY D3 to the parking apron.
 - c. General Aviation aircraft departures shall taxi from the parking apron via TWY G1 or TWY G2.
 - d. General Aviation aircraft arrivals shall taxi to the parking apron via TWY G1 or TWY G2.
 - 2.7.3 When RWY 04L in use:
 - a. Departures shall taxi from parking aprons via TWY D1 or TWY D2 or TWY D3 then TWY C to TWY B7 or TWY B6.
 - b. Arrivals shall taxi via TWY B2 to the parking apron; or via TWY B3 to TWY C then TWY D1 or TWY D2 or TWY D3 to the parking apron.
 - c. General Aviation aircraft departures shall taxi from the parking apron via TWY G1 or TWY G2.
 - d. General Aviation aircraft arrivals shall taxi to the parking apron via TWY G1 or TWY G2.
 - 2.7.4 When RWY 22R in use:
 - a. Departures shall taxi from parking aprons via TWY D1 or TWY D2 or TWY D3 then TWY C to TWY B2.

- b. Arrivals shall taxi via TWY B7 or TWY B6 to TWY C then TWY D1 or TWY D2 or TWY D3 to the parking apron.
- c. General Aviation aircraft departures shall taxi from the parking apron via TWY G1 to TWY A4.
- d. General Aviation aircraft arrivals shall taxi to the parking apron via TWY A5 to TWY G2.

3. Parking

3.1 Assignment of Parking Bays

3.1.1 Main Apron

Bay Number	Coordinates	Aircraft Type	Restrictions/Remarks
B1	101851.28N 1235841.62E	A300, A319, A320, A330, A340, B737, B747, B777, DC10, MD-11, MD-80, MD-82	With aerobridge. With Bridge Mounted Equipment (BME).
B2	101852.94N 1235843.31E	A300, A319, A320, A330, A340, B737, B747, B777, DC10, MD-11, MD-80, MD-82	With aerobridge. With Bridge Mounted Equipment (BME).
B3	101854.63N 1235844.99E	A300, A319, A320, A330, A340, B737, B747, B777, DC10, MD-11, MD-80, MD-82	With aerobridge. With Bridge Mounted Equipment (BME).
B4	101856.28N 1235846.65E	A300, A319, A320, A330, A340, B737, B747, B777, DC10, MD-11, MD-80, MD-82	With aerobridge. With Bridge Mounted Equipment (BME).
B5	101857.97N 1235848.34E	A300, A319, A320, A330, A340, B737, B747, B777, DC10, MD-11, MD-80, MD-82	With aerobridge. With Bridge Mounted Equipment (BME).
B6	101859.32N 1235849.95E	B737-800 and lower aircraft category	With aerobridge. With Bridge Mounted Equipment (BME).

Note: Advance Visual Docking Guidance System Unit is available to all parking bays.

3.1.2 Northeast Apron

Bay Number	Coordinates	Aircraft Type	Restrictions/Remarks
C1	101904.77N 1235855.48E	A319, A320, A321, B737-800	When parked by a Code C aircraft, the associated adjacent bays (C1L, C1R, C2L, C3R, C4R, C5R, R50L, R50R) cannot be utilized.
C1L	101904.45N 1235854.45E	Q400, ATR72 and lower category aircraft	Nil.
C1R	101905.27N 1235855.80E	Q400, ATR72 and lower category aircraft	Nil.
C2	101903.74N 1235853.81E	A319, A320, A321, B737-800	When parked by a Code C aircraft, the associated adjacent bays (C1L, C1R, C2L, C3R, C4R, C5R, R50L, R50R) cannot be utilized.
C2L	101903.66N 1235853.66E	Q400, ATR72 and lower category aircraft	Nil.
C3	101902.70N 1235852.76E	A319, A320, A321, B737-800	When parked by a Code C aircraft, the associated adjacent bays (C1L, C1R, C2L, C3R, C4R, C5R, R50L, R50R) cannot be utilized.
C3R	101902.88N 1235852.87E	Q400, ATR72 and lower category aircraft	Nil.

Bay Number	Coordinates	Aircraft Type	Restrictions/Remarks
C4	101901.67N 1235851.72E	A319, A320, A321, B737-800	When parked by a Code C aircraft, the associated adjacent bays (C1L, C1R, C2L, C3R, C4R, C5R, R50L, R50R) cannot be utilized.
C4R	101902.09N 1235852.08E	ATR72, Q400	Nil.
C5R	101901.31N 1235851.29E	ATR72, Q400	Nil.
R50	101903.79N 1235857.55E	A319, A320, A321, B737-800	When parked by a Code C aircraft, the associated adjacent bays (C1L, C1R, C2L, C3R, C4R, C5R, R50L, R50R) cannot be utilized.
R50L	101904.59N 1235856.98E	Q400, ATR72 and lower category aircraft	Nil.
R50R	101903.66N 1235857.92E	Q400, ATR72 and lower category aircraft	Nil.

3.1.3 Remote Apron

Bay Number	Coordinates	Aircraft Type	Restrictions/Remarks
11	101848.35N 1235847.89E	B737, F50	Nil.
11A	101849.05N 1235848.13E	A300, A319, A320, A330, A340, B737, B747, B777, DC10, MD-11, MD-80, MD-82	When parked by a wide body aircraft, the associated adjacent bays (11, 12, 13, 14, 15, 16) cannot be utilized.
12	101849.19N 1235848.73E	B737, F50	Nil.
13	101850.28N 1235849.82E	B737, F50	Nil.
13A	101850.96N 1235850.06E	A300, A319, A320, A330, A340, B737, B747, B777, DC10, MD-11, MD-80, MD-82	When parked by a wide body aircraft, the associated adjacent bays (11, 12, 13, 14, 15, 16) cannot be utilized.
14	101851.12N 1235850.67E	B737, F50	Nil.
15	101852.21N 1235851.76E	B737, F50	Nil.
15A	101852.83N 1235852.00E	A300, A319, A320, A330, A340, B737, B747, B777, DC10, MD-11, MD-80, MD-82	When parked by a wide body aircraft, the associated adjacent bays (11, 12, 13, 14, 15, 16) cannot be utilized.
16	101853.05N 1235852.60E	B737, F50	Nil.

3.1.4 Southwest Apron

Bay Number	Coordinates	Aircraft Type	Restrictions/Remarks
C12C	101849.48N 1235839.78E	A330, A340, B747, B757, B767, B777	When parked by a Code E aircraft, the associated adjacent bays (C12L, C12R, C13L, C13R, C15 and C17) cannot be utilized. With aerobridge. With Bridge Mounted Equipment (BME).
C12L	101848.53N 1235839.56E	A319, A320, A321, B737	With aerobridge. With Bridge Mounted Equipment (BME).
C12R	101849.83N 1235840.05E	A319, A320, A321, B737	With aerobridge. With Bridge Mounted Equipment (BME).

Bay Number	Coordinates	Aircraft Type	Restrictions/Remarks
C13C	101846.01N 1235838.41E	A330, A340, B747, B757, B767, B777	When parked by a Code E aircraft, the associated adjacent bays (C12L, C12R, C13L, C13R, C15 and C17) cannot be utilized. With aerobridge. With Bridge Mounted Equipment (BME).
C13L	101845.25N 1235839.60E	A319, A320, A321, B737	With aerobridge. With Bridge Mounted Equipment (BME).
C13R	101846.48N 1235838.57E	A319, A320, A321, B737	With aerobridge. With Bridge Mounted Equipment (BME).
C14	101843.71N 1235840.42E	A319, A320, A321, B737	Nil.
C15	101842.85N 1235841.43E	A319, A320, A321, B737	Nil.
C16	101842.74N 1235842.15E	A330, A340, B747, B757, B767, B777	When parked by a Code E aircraft, the associated adjacent bays (C12L, C12R, C13L, C13R, C15 and C17) cannot be utilized.
C17	101842.16N 1235842.60E	A319, A320, A321, B737	Nil.
C18	101839.88N 1235840.31E	A319, A320, A321, B737	Nil.
C19	101840.80N 1235839.37E	A319, A320, A321, B737	Nil.
C20	101841.72N 1235838.43E	A319, A320, A321, B737	Nil.
C21	101842.65N 1235837.49E	A319, A320, A321, B737	With aerobridge. With Bridge Mounted Equipment (BME).
C22	101843.70N 1235836.17E	A319, A320, A321, B737	With aerobridge. With Bridge Mounted Equipment (BME).
C23	101843.76N 1235834.44E	A319, A320, A321, B737	With aerobridge. With Bridge Mounted Equipment (BME).
R75	101842.92N 1235832.99E	A319, A320, A321, B737	Nil.

Notes:

1. Southwest Apron may be used for special occasion with prior approval from the Airport Authority.
2. Advance Visual Docking Guidance System Unit is available to all parking bays.

4. Training Flight Restriction

4.1 Training flights are not permitted in the airport except for:

- a. military trainings;
- b. airline transition flights; and
- c. cross country flying

RPVM AD 2.21 NOISE ABATEMENT PROCEDURES

1. General

- 1.1 Arriving aircraft shall enter the traffic circuit on the downwind leg at an angle of 45 degrees and shall maintain aerodrome circuit height. Descent may be commenced on mid base leg.
- 1.2 Departing aircraft shall conform to the following restrictions:
 - a. for Piston Driven Aircraft, a straight-out climb to 1000 FT before commencing a turn; and
 - b. for Turboprop and Jet Aircraft, a straight-out climb to 2000 FT before commencing a turn.

RPVM AD 2.22 FLIGHT PROCEDURES

1. General Procedures for VFR Flights

- 1.1 The following air traffic procedures shall apply to all VFR flights when entering, leaving, operating, or transiting the vicinity of Mactan ATZ.
- 1.2 All departing VFR flights shall maintain a listening watch on Mactan Tower frequency 118.1 MHZ until instructed to leave the frequency or to switch to Mactan Approach on frequency 121.2 MHZ while within Mactan TMA.
- 1.3 All arriving VFR flights shall establish contact and remain on listening watch with Mactan Approach frequency 121.2 MHZ upon entering Mactan TMA or establish two-way radio contact with Mactan Tower on frequency 118.1 MHZ 15 NM to the airport.
- 1.4 ATC instructions shall be acknowledged and complied with.
- 1.5 When operating within Mactan TMA, pilots of VFR aircraft are to conform to the following altitude restrictions unless authorized by ATC:
 - a. from 5 NM up to 10 NM from Mactan ARP not higher than 1500 FT;
 - b. from 10 NM up to 20 NM from Mactan ARP not higher than 2500 FT; and
 - c. entry/exit altitude at NAGA, shall not be higher than 1000 FT within 20 NM of Mactan ARP.
- 1.6 Any deviation from the procedures shall be subject to ATC approval.

2. Arrival and Departure Procedures

2.1 VFR Procedures RWY 04R/RWY 04L

2.1.1 Departure

- a. North Bound: After airborne, turn left and proceed to LILOAN. Follow the shoreline towards East of DANA O or proceed as instructed by ATC.
- b. Southeast Bound: After airborne, turn right and fly on a southeasterly direction towards PANDANON or proceed as instructed by ATC.
- c. Southwest Bound: After airborne, turn left towards SM SEASIDE. Proceed towards NAGA not higher than 1000 FT. Contact Mactan Approach or proceed as instructed by ATC.

2.1.2 Arrival

- a. From the North: Report approaching DANA O. Fly on a southwesterly direction towards COMPOSTELA. Continue towards CONSOLACION. Request clearance to cross midfield to join right downwind RWY 04R or RWY 04L or proceed as instructed by ATC.
- b. From the East: Report approaching CAUBYAN. Fly on a westerly direction towards MABINI. Request clearance to join right downwind RWY 04R or RWY 04L or proceed as instructed by ATC.
- c. From the Southeast: Report approaching COAMEN. Fly on a northerly direction towards GILUTONGAN. Continue towards PLANTATION BAY. Request clearance to join right downwind RWY 04R or RWY 04L or proceed as instructed by ATC.
- d. From the Southwest: Report approaching East of NAGA not higher than 1000 FT. Fly on a northeasterly direction over water towards IL CORSO. Request clearance to join final approach of RWY 04R or RWY 04L or proceed as instructed by ATC.

2.2 VFR Procedures RWY 22L/RWY 22R

2.2.1 Departure

- a. North Bound: After airborne, turn right and proceed to LILOAN. Follow the shoreline towards East of DANAOS or proceed as instructed by ATC.
- b. Southeast Bound: After airborne, turn left and fly on a southeasterly direction towards PANDANON or proceed as instructed by ATC.
- c. Southwest Bound: After airborne, turn right towards SM SEASIDE. Proceed towards NAGA not higher than 1000 FT. Contact Mactan Approach or proceed as instructed by ATC.

2.2.2 Arrival

- a. From the North: Report approaching DANAOS. Fly on a southwesterly direction towards COMPOSTELA. Continue towards CONSOLACION. Request clearance to join right base of RWY 22L or RWY 22R or proceed as instructed by ATC.
- b. From the East: Report approaching CAUBYAN. Fly on a westerly direction towards MABINI. Request clearance to join left downwind RWY 22L or RWY 22R or proceed as instructed by ATC.
- c. From the Southeast: Report approaching COAMEN. Fly on a northerly direction towards GILUTONGAN. Continue towards PLANTATION BAY. Request clearance to join left downwind RWY 22L or RWY 22R or proceed as instructed by ATC.
- d. From the Southwest: Report approaching East of NAGA not higher than 1000 FT. Fly on a northeasterly direction over water towards IL CORSO. Request clearance to cross midfield to join left downwind RWY 22L or RWY 22R or proceed as instructed by ATC.

3. General Procedures for Helicopter Operations

3.1 Except when clearance is obtained from Mactan Tower, VFR helicopter flights shall not take-off or land at the Mactan-Cebu International Airport/General Aviation Area and Mactan Air Base or enter its ATZ when the:

- a. ceiling is less than 150 M (500 FT); and
- b. ground visibility is less than 1.5 KM (1 mile).

3.2 Helicopters operating VFR may be allowed outside controlled airspace with flight visibility below 1.5 KM (1 mile) provided that:

- a. the helicopter is clear of clouds and ground or water is in sight at all times; and
- b. the helicopter shall be maneuvered at a speed that will give adequate opportunity to observe other traffic or any obstruction to avoid collision.

3.3 Advise Mactan Tower on frequency 118.1 MHZ when ready for take-off.

3.4 Advise Mactan Tower of destination and departure time once airborne.

3.5 Report when cleared of the final approach of RWY 04R/22L or RWY 04L/22R.

3.6 Maintain a listening watch on Mactan Tower frequency for position report and traffic information.

3.7 Helicopter Procedures

3.7.1 Departure

a. Northbound:

1. General Aviation Area via THR RWY 04R - After airborne, request clearance to cross over threshold RWY 04R at 500 FT towards GMC. Fly northward to LILOAN not higher than 800 FT. Report 10 NM out or proceed as instructed by ATC. Advise switching frequency.
2. General Aviation Area via THR RWY 22L - After airborne, request clearance to cross over threshold RWY 22L at 500 FT towards SMOKESTACK. Fly northward to LILOAN not higher than 800 FT. Report 10 NM out or proceed as instructed by ATC. Advise switching frequency.
3. Mactan Air Base - After airborne, fly northward to LILOAN not higher than 800 FT passing Mactan Air Base avoiding Terminal 2. Report 10 NM out or proceed as instructed by ATC. Advise switching frequency.

b. Southeast Bound:

1. General Aviation Area - After airborne, fly southeastward to JPARK not higher than 1000 FT. Report 10 NM out or proceed as instructed by ATC. Advise switching frequency.
2. Mactan Air Base - After airborne, request clearance to cross midfield not higher than 500 FT flying southeastward to JPARK. Report 10 NM out or proceed as instructed by ATC. Advise switching frequency.

c. Southwest Bound:

1. General Aviation Area - After airborne, request clearance to cross over threshold RWY 04R at 500 FT towards NAVFORCEN. Fly southwestward not higher than 800 FT towards SM SEASIDE until NAGA not higher than 1000 FT or proceed as instructed by ATC. Advise switching frequency.
2. Mactan Air Base - After airborne, fly southwestward not higher than 800 FT to SM SEASIDE via NAVFORCEN until NAGA not higher than 1000 FT or proceed as instructed by ATC. Advise switching frequency.

3.7.2 Arrival

a. From the North:

1. General Aviation Area via THR RWY 22L - Report approaching CONSOLACION at 800 FT, fly southward to FERNAN BRIDGE, continue towards SMOKESTACK. Request clearance to cross over threshold RWY 22L at 500 FT. Proceed to General Aviation Area or as instructed by ATC. Report landed General Aviation Area.
2. General Aviation Area via THR RWY 04R - Report approaching CONSOLACION at 800 FT, fly southward to FERNAN BRIDGE, continue towards GMC. Request clearance to cross over threshold RWY 04R at 500 FT. Proceed to General Aviation Ramp or as instructed by ATC. Report landed General Aviation Area.
3. Mactan Air Base - Report approaching CONSOLACION at 800 FT. Fly southward to GMC via FERNAN BRIDGE. Proceed to Mactan Air Base or as instructed by ATC. Report landed Mactan Air Base.

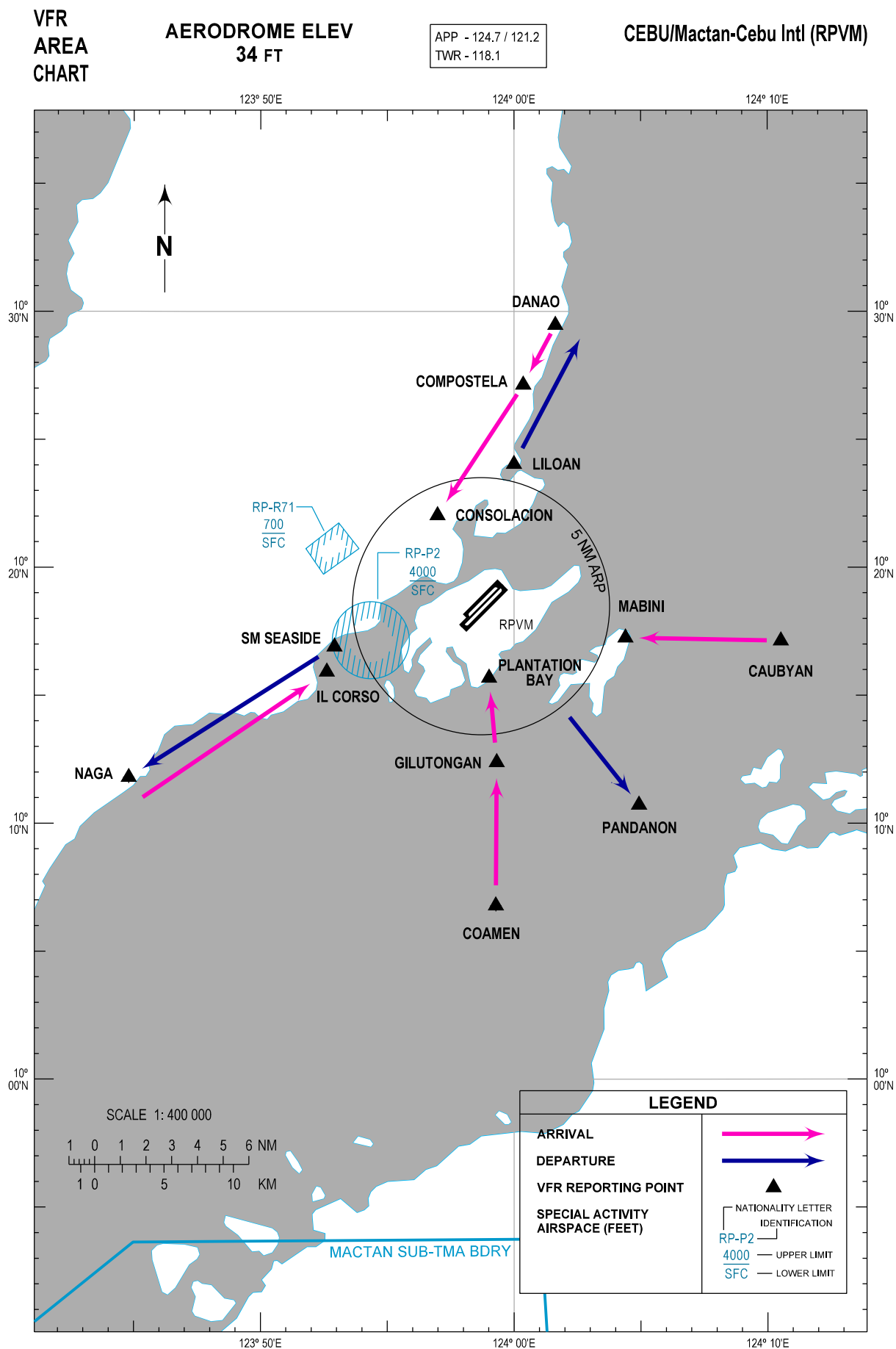
- b. From the East:
 1. General Aviation Area - Report approaching MABINI, fly westward to SHANGRI-LA not higher than 500 FT. Proceed to General Aviation Area or as instructed by ATC. Report landed General Aviation Area.
 2. Mactan Air Base - Approaching MABINI, fly westward to SHANGRI-LA not higher than 500 FT. Request clearance to cross midfield to land direct Mactan Air Base or as instructed by ATC. Report landed Mactan Air Base.
- c. From the South:
 1. General Aviation Area - Report approaching GILUTONGAN, fly northward not higher than 500 FT towards PLANTATION BAY. Proceed direct to General Aviation Area or as instructed by ATC. Report landed General Aviation Area.
 2. Mactan Air Base - Report approaching GILUTONGAN, fly northward not higher than 500 FT towards PLANTATION BAY. Request clearance to cross threshold RWY 04R to land Mactan Air Base or proceed as instructed by ATC. Report landed Mactan Air Base.
- d. From the Southwest:
 1. General Aviation Area - Report approaching IL CORSO, fly northeastward not higher than 500 FT towards GMC via NAVFORCEN. Request clearance to cross over threshold RWY 04R towards General Aviation Area or proceed as instructed by ATC. Report landed General Aviation Area.
 2. Mactan Air Base - Report approaching IL CORSO, fly northeastward not higher than 500 FT to GMC via NAVFORCEN. Turn right towards Mactan Air Base or proceed as instructed by ATC. Report landed Mactan Air Base.

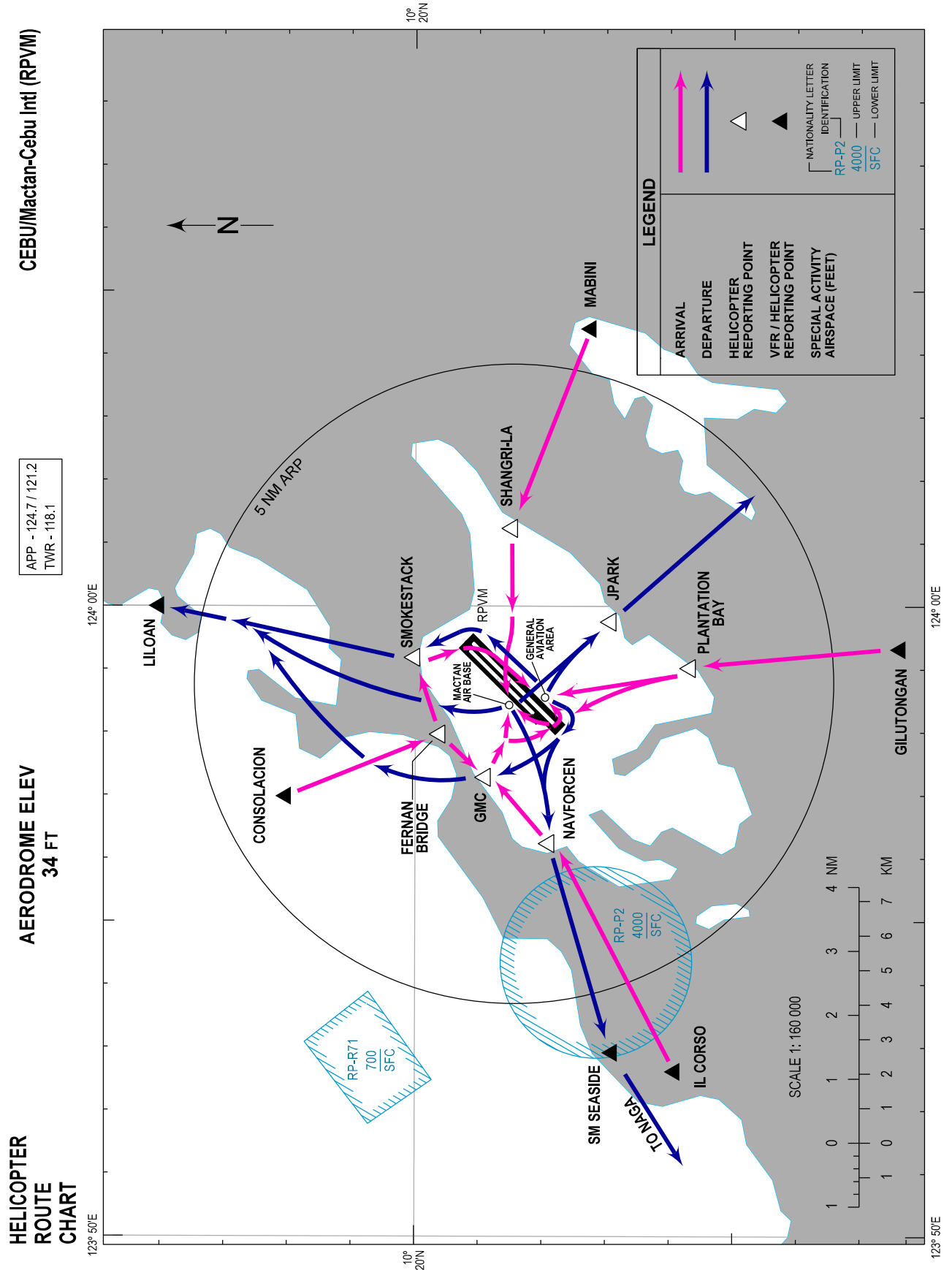
4. List of Visual Landmarks and Reporting Points

- 4.1 The following visual reference and reporting points as mentioned in the procedure are identified using local available maps, Google Maps and Google Earth Satellite images.

VISUAL REPORTING POINT	COORDINATES	DISTANCE FROM ARP (NM)	RELATIVE POSITION FROM ARP	DESCRIPTION
CAUBYAN	101708N 1241032E	11.7	E	Caubyan Island
COAMEN	100647N 1235917E	11.7	S	Coamen Island
COMPOSTELA	102708N 1240022E	8.8	N	Compostela Steel Inc./ Steel Asia
CONSOLACION	102202N 1235659E	3.9	N	CENAPRO Warehouse (Blue-colored Roof Complex)
DANAO	102928N 1240138E	11.3	N	Cebu Mitsumi Company, Danao
FERNAN BRIDGE	101937N 1235758E	1.3	NW	Marcelo Fernan Bridge
GILUTONGAN	101223N 1235919E	6.1	S	Gilutongan Island

VISUAL REPORTING POINT	COORDINATES	DISTANCE FROM ARP (NM)	RELATIVE POSITION FROM ARP	DESCRIPTION
GMC	101854N 1235717E	1.5	NW	General Milling Corporation Flour Processing Plant
IL CORSO	101555N 1235237E	6.5	W	IL Corso Parola, SRP
JPARK	101656N 1235945E	1.9	SE	JPARK Island Resort and Waterpark
LILOAN	102402N 1240000E	5.7	N	Gaisano Mall, Liloan
MABINI	101715N 1240424E	5.8	E	Northern Tip of Olango Island
NAGA	101148N 1234448E	15.2	W	APO Cement
NAVFORCEN	101754N 1235614E	2.5	W	Naval Forces Central, Cebu
PANDANON	101043N 1240456E	9.9	SE	Pandanon Island
PLANTATION BAY	101541N 1235901E	2.8	S	Plantation Bay Resort and Spa
SHANGRI-LA	101829N 1240114E	2.5	E	Shangri-La Mactan Resort and Spa
SM SEASIDE	101654N 1235255E	6.0	W	SM Seaside Mall, SRP
SMOKESTACK	102001N 1235911E	1.6	N	East Asia Utilities Smokestack





RPVM AD 2.23 ADDITIONAL INFORMATION

1. Wildlife Hazard Management Program

- 1.1 Influx of migratory birds at Mactan Island is expected to commence around September (southward migration) and will return to their breeding grounds by March (northward migration).
- 1.2 A Wildlife Hazard Management Program Handbook was established to discuss the MCIA Wildlife Habitat control, monitoring, handling and dispersal method.

2. Operations during Lightning and Thunderstorm

- 2.1 The Mactan-Cebu International Airport is equipped with a lightning alert detection system that detects lightning activity up to 82 KM from the airport.
- 2.2 The Airport Operations Control Center is the one responsible in the activation of lightning alert levels as indicated in the lightning monitor display. Red rotating beacon lights with audible sound are installed on strategic areas in the terminal that are visible to all airside personnel working in the ramp.
- 2.3 Thunderstorm Detection and Lightning Safety procedure is established during lightning and thunderstorm. This includes activation of lightning alert levels to warn all personnel of the distance of the approaching lightning and safety measures to be observed within MCIA area of responsibility.

RPVM AD 2.24 CHARTS RELATED TO AN AERODROME

TITLE	Page
Aerodrome Chart - ICAO	RPVM AD CHART 2 - 1
Aircraft Parking/Docking Chart - ICAO (Main and Remote Apron)	RPVM AD CHART 2 - 3
Aircraft Parking/Docking Chart - ICAO (Northeast Apron)	RPVM AD CHART 2 - 4
Aircraft Parking/Docking Chart - ICAO (Southwest Apron)	RPVM AD CHART 2 - 5
Aerodrome Ground Movement Chart - ICAO	RPVM AD CHART 2 - 7
Aerodrome Obstacle Chart Type A (Operating Limitations) (RWY 04R/22L)	RPVM AD CHART 2 - 8
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Standard Departure Chart - Instrument - ICAO (RNP SID RWY 04R - KEVAN4N, MULOP4P, PARAO4P)	RPVM AD CHART 2 - 21
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 04L - KEVAN1Q, MULOP1Q, PARAO1Q)	RPVM AD CHART 2 - 25
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 22L - ALDIN4R, CAREB4R, DUMEX4R, EMDEE4R)	RPVM AD CHART 2 - 29
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 22R - ALDIN1S, CAREB1S, DUMEX1S, EMDEE1S)	RPVM AD CHART 2 - 33
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 22L - KEVAN4R, MULOP4R, PARAO4R)	RPVM AD CHART 2 - 37
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 22R - KEVAN1S, MULOP1S, PARAO1S)	RPVM AD CHART 2 - 41
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 22L - POXOS4R)	RPVM AD CHART 2 - 45
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 22R - POXOS1S)	RPVM AD CHART 2 - 47
Standard Arrival Chart - Instrument - ICAO (RWY 04R/22L)	RPVM AD CHART 2 - 49
Standard Arrival Chart - Instrument - ICAO (RNP STAR RWY 04R/L)	RPVM AD CHART 2 - 51
Standard Arrival Chart - Instrument - ICAO (RNP STAR RWY 22L/R)	RPVM AD CHART 2 - 55
Tracking System (within Bacolod/Iloilo, Kalibo and Mactan TMAs)	see RPVB Tracking System Chart
ATC Surveillance Minimum Altitude Chart - ICAO	RPVM AD CHART 2 - 59
Instrument Approach Chart - ICAO (RNP RWY 04R)	RPVM AD CHART 2 - 61
Instrument Approach Chart - ICAO (RNP RWY 22L)	RPVM AD CHART 2 - 63
Instrument Approach Chart - ICAO (RNP RWY 04L)	RPVM AD CHART 2 - 65
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Traffic Circuit Chart (RWY 04R)	RPVM AD CHART 2 - 69
Traffic Circuit Chart (RWY 22L)	RPVM AD CHART 2 - 70
Traffic Circuit Chart (RWY 04L)	RPVM AD CHART 2 - 71
Traffic Circuit Chart (RWY 22R)	RPVM AD CHART 2 - 72

RPVM AD 2.25 VISUAL SEGMENT SURFACE (VSS) PENETRATION

PROCEDURE	OCA/OCH (FT)	OBSTACLE DESCRIPTION	OBSTACLE ELEVATION (FT)	PENETRATION (FT)	COORDINATES	DESCRIPTION
RNP RWY 04L (LNAV)	450/424	Building	83	48	101808.80N 1235809.23E	0.1 NM before THR RWY 04L left of approach center line
RNP RWY 04L (LNAV)	450/424	Antenna	95	44	101804.98N 1235806.16E	0.18 NM before THR RWY 04L left of approach center line
RNP RWY 04L (LNAV)	450/424	Antenna	93	42	101805.09N 1235806.48E	
RNP RWY 04L (LNAV)	450/424	Building	92	41	101805.01N 1235806.17E	
RNP RWY 04L (LNAV)	450/424	Building	88	39	101805.61N 1235806.44E	0.17 NM before THR RWY 04L left of approach center line
RNP RWY 04L (LNAV)	450/424	Antenna	78	3	101801.23N 1235759.74E	0.3 NM before THR RWY 04L left of approach center line