

AD 2 AERODROMES

Note: The following sections in this chapter are intentionally left blank: AD-2.7, AD-2.21, AD-2.25

RPVD AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RPVD - DUMAGUETE PRINCIPAL AIRPORT (Class 1)

RPVD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	092003N 1231807E.
2	Direction and distance from (city)	West of Dumaguete City 1.3 NM.
3	Elevation/Reference temperature	43 FT.
4	Geoid undulation at AD ELEV PSN	Nil.
5	MAG VAR/Annual Change	2°W (2021) / 6.0' increasing.
6	AD Operator, address, telephone, telefax, telex, AFS	Civil Aviation Authority of the Philippines Dumaguete Airport Agan-an Sibulan, Dumaguete City 6201 Negros Oriental Phone: (+63) (035) 225-0900, 419-7132 (Fax) Email: dumaguete_airport@caap.gov.ph
7	Types of traffic permitted (IFR/VFR)	IFR-VFR.
8	Remarks	Nil.

RPVD AD 2.3 OPERATIONAL HOURS

1	AD Operator	MON - FRI: 0000 - 0900.
2	Customs and immigration	On request.
3	Health and sanitation	H24.
4	AIS Briefing Office	Nil.
5	ATS Reporting Office (ARO)	2100 - 1300.
6	MET Briefing Office	2100 - 1000.
7	ATS	MON - FRI: 0000 - 0900.
8	Fuelling	Nil.
9	Handling	Nil.
10	Security	H24.
11	De-icing	Nil.
12	Remarks	Airport Operations: 2100 - 1300.

RPVD AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Airlines and portorage service.
2	Fuel/oil types	Nil.
3	Fuelling facilities/capacity	Nil.
4	De-icing facilities	Nil.
5	Hangar space for visiting aircraft	Nil.
6	Repair facilities for visiting aircraft	Nil.
7	Remarks	AVGAS available at Petron depot with prior notice.

RPVD AD 2.5 PASSENGER FACILITIES

1	Hotels	Within the city.
2	Restaurants	Within the city.
3	Transportation	Car for hire, taxi.
4	Medical facilities	Within the city.
5	Bank and Post Office	Within the city.
6	Tourist Office	At the airport.
7	Remarks	Nil.

RPVD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Category 6.
2	Rescue equipment	Two (2) fire trucks [Two (2) Oshkosh (6000 liters each)].
3	Capability for removal of disabled aircraft	Displaced aircraft removal of all aircraft size up to and including A320. Contact Information: Disabled Aircraft Recovery Plan (DARP) Coordinator: 1. Dumaguete Airport's Works Safety Officer Phone: (+63) (035) 225-0900 Email: dgtasafetyoffice@gmail.com 2. Third Party Contractor for Disabled Aircraft Removal Service: Provincial Disaster Risk Reduction and Management Office (PDRMO) Email: pdrrmcnegor@gmail.com
4	Remarks	Foam Meeting Performance: Level A.

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

1	Apron surface and strength	Surface: CONC. Strength: 553/R/B/X/U.
2	Taxiway width, surface and strength	Width: 20 M. Surface: CONC. Strength: 553/R/B/X/U.
3	Altimeter checkpoint location and elevation	Nil.
4	VOR checkpoints	Nil.
5	INS checkpoints	Nil.
6	Remarks	Nil.

RPVD 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	TWY yellow guide line and parking bays.
2	RWY and TWY markings and LGT	RWY designation and THR.
3	Stop bars and RWY guard lights	Nil.
4	Other RWY protection measures	Nil.
5	Remarks	THR/SWY lighted.

RPVD 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	
09	Terrain 604 FT	092808.9N 1232128.0E	OBST 20 M LGT	Nil	
	Terrain 388 FT	092711.9N 1231914.2E			
	Terrain 382 FT	092218.2N 1231336.5E			
	Terrain 344 FT	092140.4N 1231353.4E			
	Trees 287 FT	092004.1N 1231733.2E			
	Antenna 223 FT	092119.5N 1231646.4E			
27/APCH	Terrain 3114 FT	094920.5N 1225949.2E			
	Terrain 2799 FT	093520.7N 1232249.1E			
	Terrain 2684 FT	093630.6N 1232442.2E			
	Terrain 2110 FT	092826.5N 1232119.2E			
	Terrain 2054 FT	092812.3N 1232127.0E			
	Terrain 1940 FT	092753.5N 1232125.2E			
	Terrain 1497 FT	092709.2N 1232112.5E			
	Terrain 752 FT	092026.8N 1231508.6E			
	Antenna 317 FT	092136.6N 1231711.5E			
	Antenna 164 FT	091950.9N 1231824.6E			
09/27	SSB Antenna	Nil			

RPVD 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	2200 - 1000. -
3	Office responsible for TAF preparation Periods of validity	- -
4	Trend forecast Interval of issuance	- -
5	Briefing/consultation provided	Nil.
6	Flight documentation Language(s) used	- -
7	Charts and other information available for briefing or consultation	Nil.
8	Supplementary equipment available for providing information	Nil.
9	ATS units provided with information	Dumaguete Tower.
10	Additional information (limitation of service, etc.)	Nil.

RPVD 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
09	093.20°	1845 X 45	553/R/B/X/U CONC+ASPH	092003.97N 1231750.75E	THR 32 FT	Nil
27	273.20°	1845 X 45	553/R/B/X/U CONC+ASPH	092001.36N 1231837.77E	THR 12 FT	Nil
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	1936 X 150	Nil	Nil	Nil	No tight turning within the TDZ 09
50 X 45	50 X 150	1936 X 150	Nil	Nil	Nil	Nil

RPVD AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
09	1845	1845	1845	1845	Nil
27	1845	1895	1895	1845	Nil

RPVD 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
09	Nil	THR LGT Green	Nil	Nil
27	Nil	THR LGT Green RTIL	PAPI Right 3.0° (48.13 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
Nil	1725 M, 60 M, Amber, LIH	Red	Nil	Nil
Nil	1725 M, 60 M, Amber, LIH	Red	Nil	RWY THR Identification Light (RTIL) INTST: LIH. 2 flashes/second. 3 steps. PAPI Path width: 0.33°. VIS range: 5 NM. Distance from THR: 301 M. Vertical OBST CLR: >1.0°. Horizontal Angular CLR: CLR.

RPVD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	Location: 091958.02N 1231749.89E. Characteristics: Alternate white green - 25 flashes per minute. HR of OPS: During IMC.
2	LDI location and LGT Anemometer location and LGT	LDI: Nil. Anemometer: 092001.60N 1231751.70E.
3	TWY edge and centre line lighting	Edge: All TWY.
4	Secondary power supply/switch-over time	Secondary power supply to all lighting at the aerodrome. Switch-over time 15 seconds.
5	Remarks	Lighted windcone location: 300 M from THR of RWY 27.

RPVD AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF or THR of FATO Geoid undulation	Nil.
2	TLOF and/or FATO elevation M/FT	Nil.
3	TLOF and FATO area dimensions, surface, strength, marking	Nil.
4	True BRG of FATO	Nil.
5	Declared distance available	Nil.
6	APP and FATO lighting	Nil.
7	Remarks	Helicopter may land at any available space in the aerodrome.

RPVD AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	DUMAGUETE AERODROME TRAFFIC ZONE (ATZ): A circle 5 NM radius centered on 092003N 1231807E (ARP). DUMAGUETE CONTROL ZONE (CTR): A circle 10 NM radius centered on 092003N 1231807E (ARP). MACTAN TERMINAL CONTROL AREA (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.
2	Vertical limits	ATZ: Up to but excluding 2000 FT. CTR: SFC up to 1500 FT. 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; ATS routes inside TMA above FL160 - A.
4	ATS unit call sign Language(s)	ATZ - Dumaguete Tower. CTR/TMA - Mactan Approach. English.
5	Transition altitude	11000 FT.
6	Hours of applicability	Nil.
7	Remarks	Do not enter ATZ on IAS exceeding 200 KT unless authorized by ATC.

RPVD 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	Dumaguete Tower	129.7 MHZ 123.5 MHZ 5205 KHZ 3872.5 KHZ 121.5 MHZ	Nil	Nil	2100 - 1300	PRI FREQ. SRY FREQ. P/P PRI FREQ (Mactan Network). P/P SRY FREQ. Distress FREQ. For extension of service, one (1) day prior notice is required.

RPVD 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
VOR	DGT	114.1MHZ	2200 - 1000	092004.4N 1231823.4E	Nil	Only one system operational.

RPVD AD 2.20 LOCAL AERODROME REGULATIONS

- 1. **Airport Regulations**
- 1.1 RWY 09 Operations
 - 1.1.1 Landing RWY 09 allowed during day VMC except for A319 and higher category aircraft.
 - 1.1.2 Departing RWY 09 allowed during IMC.
- 1.2 RWY 27 Operations
 - 1.2.1 Landing RWY 27 allowed during IMC.
 - 1.2.2 Departing RWY 27 allowed during day VMC only.

RPVD 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 Dumaguete ATZ.
- 1.2 All departing VFR flights shall maintain a listening watch on Dumaguete Tower on frequency 129.7 MHZ until instructed to leave the frequency or to contact Mactan Approach frequency on 121.2 MHZ while operating within Mactan TMA.
- 1.3 All arriving VFR flights shall establish contact and remain on listening watch with Mactan Approach on frequency 121.2 MHZ upon entering Mactan TMA or to establish two-way radio contact with Dumaguete Tower on frequency 129.7 MHZ 15 NM inbound to the airport.
- 1.4 ATC instructions shall be acknowledged and complied with.
- 1.5 When operating within Mactan TMA, pilots of VFR aircraft arriving, departing and transiting Dumaguete Principal Airport are to conform to the following altitude restrictions unless specified in the succeeding VFR procedures or authorized by ATC:
 - a. from 5 NM up to 10 NM from Dumaguete ARP, not higher than 1500 FT; and
 - b. from 10 NM up to 20 NM from Dumaguete ARP, not higher than 2500 FT.
- 1.6 Any deviation from the procedures shall be subject to ATC approval.

2. Arrival and Departure Procedures

2.1 VFR Procedures RWY 09

2.1.1 Departure

- a. North Bound: After airborne, turn left towards LILOAN PORT. Continue towards SAMBOAN or proceed as instructed by ATC.
- b. Northeast Bound: After airborne, turn left towards SUMILON. Continue on a northeasterly direction towards East of OSLOB or proceed as instructed by ATC.
- c. Southeast Bound: After airborne, turn right towards SIQUIJOR or proceed as instructed by ATC.
- d. South Bound: After airborne, turn right towards BACONG SEAWALL. Fly over land following the shoreline towards DAUIN. Continue towards ZAMBOANGUITA or proceed as instructed by ATC.

2.1.2 Arrival

- a. From the Northwest: Report approaching BAIS BAY. Continue on a southeasterly direction towards AMLAN BRIDGE. Proceed towards SAN JOSE. Request clearance to join left base RWY 09 or proceed as instructed by ATC.
- b. From the Northeast: Report approaching OSLOB. Fly over land following the shoreline towards SANTANDER. Request clearance to join left downwind RWY 09 or proceed as instructed by ATC.
- c. From the Southeast: Report approaching SOUTH OF SIQUIJOR. Fly on a northwesterly direction towards PALITON. Proceed towards East of BACONG SEAWALL and continue towards ROBINSONS. Request clearance to cross midfield to join left downwind RWY 09 or proceed as instructed by ATC.

- d. From the South: Report approaching APO ISLAND. Fly on a northerly direction towards East of DAUIN. Proceed towards East of BACONG SEAWALL, and continue towards ROBINSONS. Request clearance to cross midfield to join left downwind RWY 09 or proceed as instructed by ATC.

2.2 VFR Procedures RWY 27

2.2.1 Departure

- a. Northwest Bound: After airborne, turn right towards LILOAN PORT. Continue towards SAMBOAN or proceed as instructed by ATC.
- b. Northeast Bound: After airborne, make a right downwind departure. Fly towards SUMILON. Continue on a northeasterly direction towards East of OSLOB or proceed as instructed by ATC.
- c. Southeast Bound: After airborne, turn left towards SIKUIJOR or proceed as instructed by ATC.
- d. South Bound: After airborne, turn left towards BACONG SEAWALL. Fly over land following the shoreline towards DAUIN. Continue towards ZAMBOANGUITA or proceed as instructed by ATC.

2.2.2 Arrival

- a. From the Northwest: Report approaching BAIS BAY. Continue on a southeasterly direction towards AMLAN BRIDGE. Proceed towards SAN JOSE. Request clearance to join right downwind RWY 27 or proceed as instructed by ATC.
- b. From the Northeast: Report approaching OSLOB. Fly over land following the shoreline towards SANTANDER. Request clearance to join right base RWY 27 or proceed as instructed by ATC.
- c. From the Southeast: Report approaching SOUTH OF SIKUIJOR. Fly on a northwesterly direction towards PALITON. Proceed towards East of BACONG SEAWALL and continue towards ROBINSONS. Request clearance to cross midfield to join right downwind RWY 27 or proceed as instructed by ATC.
- d. From the South: Report approaching APO ISLAND. Fly on a northerly direction towards East of DAUIN. Proceed towards East of BACONG SEAWALL and continue towards ROBINSONS. Request clearance to cross midfield to join right downwind RWY 27 or proceed as instructed by ATC.

3. VFR Procedures for Overflights

3.1 From the South/Southeast: Report approaching APO ISLAND or SOUTH OF SIKUIJOR. Follow the VFR arrival routes towards Dumaguete. Report over ROBINSONS. Fly over the airport and follow the appropriate departure route to destination or as instructed by ATC. Report switching or leaving Dumaguete Tower frequency.

3.2 From the Northeast/Northwest: Report approaching OSLOB or BAIS BAY. Follow the VFR arrival routes to Dumaguete. Report over SAN JOSE or SANTANDER. Fly over the airport and follow the appropriate departure route to destination or as instructed by ATC. Report switching or leaving Dumaguete Tower frequency.

3.3 From the East: Report approaching LARENA. Turn left and continue towards PALITON. Follow the VFR arrival route to Dumaguete. Report over ROBINSONS. Fly over the airport and follow the appropriate departure route to destination or as instructed by ATC. Report switching or leaving Dumaguete Tower frequency.

4. Helicopter Operations

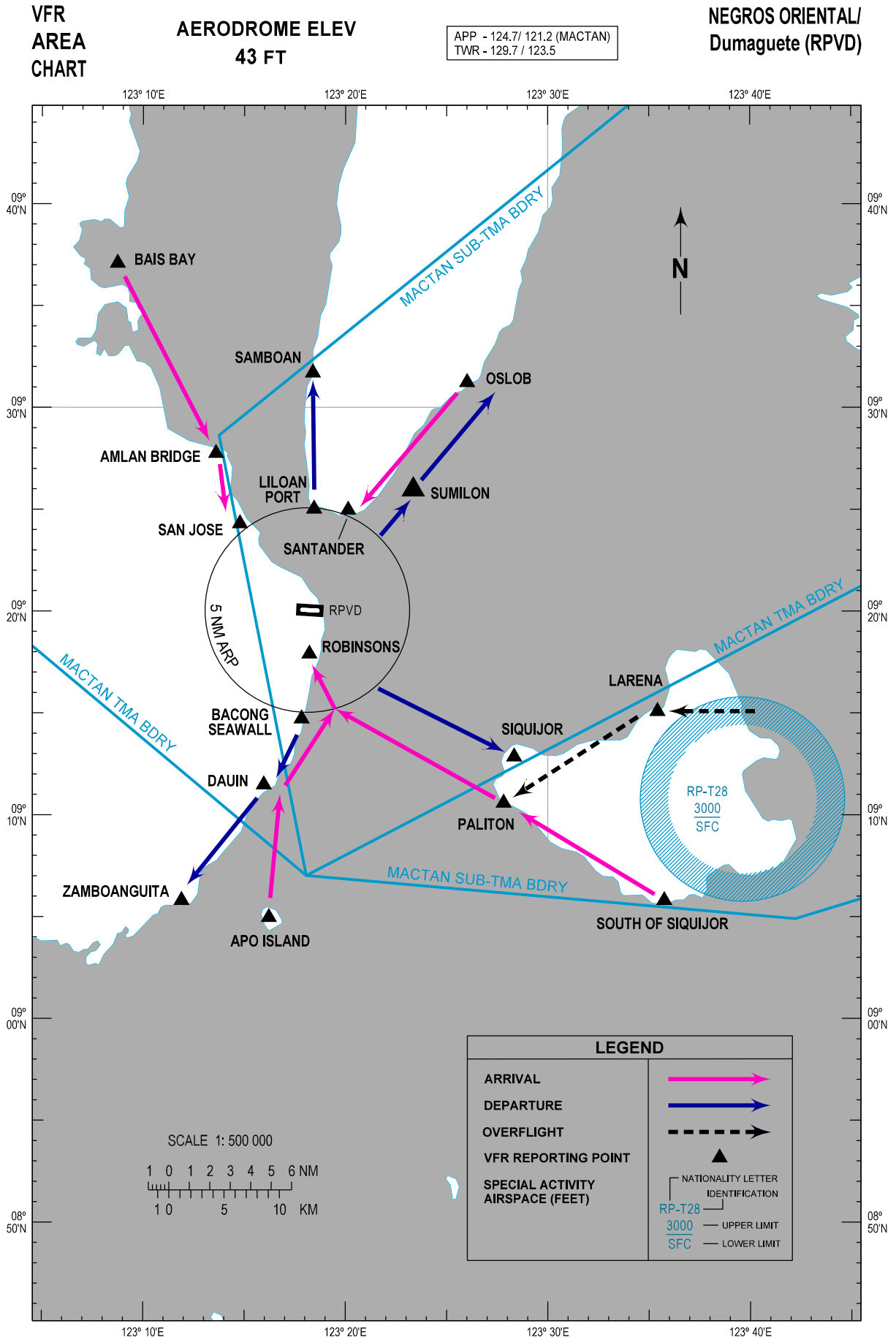
- 4.1 VFR helicopter flights shall be treated as fixed-wing aircraft and will follow the same established VFR routes and procedures for Dumaguete Principal Airport.
- 4.2 Except when clearance is obtained from Dumaguete Tower, VFR helicopter flights shall not take-off or land at Dumaguete Principal Airport 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).
- 4.3 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.

5. List of Visual Landmarks and Reporting Points

- 5.1 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
AMLAN BRIDGE	092745N 1231336E	8.9	NW	Amlan Bridge
APO ISLAND	090458N 1231613E	15.1	S	Apo Island
BACONG SEAWALL	091443N 1231750E	5.3	S	Bacong Seawall
BAIS BAY	093705N 1230844E	19.5	NW	Bais Bay
DAUIN	091129N 1231558E	8.8	S	Dauin Cockpit Arena
LARENA	091505N 1233525E	17.8	SE	Larena Port
LILOAN PORT	092501N 1231827E	5.0	N	Liloan Port
OSLOB	093114N 1232601E	13.6	NE	Oslob Municipal Hall
PALITON	091035N 1232749E	13.4	SE	Paliton Beach
ROBINSONS	091754N 1231813E	2.1	S	Robinsons Mall
SAMBOAN	093142N 1231823E	11.6	N	Samboan Church
SAN JOSE	092418N 1231447E	5.4	NW	San Jose Cemetery
SANTANDER	092458N 1232008E	5.3	N	San Gabriel Parish

VISUAL REPORTING POINT	COORDINATES	DISTANCE FROM ARP (NM)	RELATIVE POSITION FROM ARP	DESCRIPTION
SQUIJOR	091251N 1232820E	12.4	SE	Siquijor Airport
SOUTH OF SQUIJOR	090548N 1233545E	22.5	SE	Southern tip of Siquijor Island
SUMILON	092558N 1232321E	7.9	NE	Sumilon Island
ZAMBOANGUITA	090548N 1231154E	15.5	SW	Zamboanguita Science High School



RPVD AD 2.23 ADDITIONAL INFORMATION

- 1. Bird concentration in the vicinity of the airport**
- 1.1 Exercise extreme caution during landing and take-off RWY 09/27 due concentration of birds at the aerodrome.

RPVD AD 2.24 CHARTS RELATED TO AN AERODROME

TITLE	PAGE
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 09 - AROLA3R)	RPVD AD CHART 2 - 1
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 09 - NANAS5R)	RPVD AD CHART 2 - 3
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 09 - NANAS6R)	RPVD AD CHART 2 - 5
Standard Arrival Chart - Instrument - ICAO (RNP STAR RWY 27)	RPVD AD CHART 2 - 7
Instrument Approach Chart - ICAO (RNP RWY 27)	RPVD AD CHART 2 - 9
Traffic Circuit Chart (RWY 09)	RPVD AD CHART 2 - 11
Traffic Circuit Chart (RWY 27)	RPVD AD CHART 2 - 12