AD 2 AERODROMES

Note: The following sections in this chapter are intentionally left blank: AD-2.16, AD-2.21, AD-2.25

RPMD AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RPMD - FRANCISCO BANGOY INTERNATIONAL AIRPORT

RPMD AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	**ARP coordinates and site at AD**	070732N 1253845E.
2	**Direction and distance from (city)**	12.5 KM (6.5 NM) from Davao City Hall.
3	**Elevation/Reference temperature**	92 FT. Reference Temperature: 30°C / 80°F. Mean Low Temperature: 25°C / 77°F.
4	**Geoid undulation at AD ELEV PSN**	222 FT.
5	**MAG VAR/Annual Change**	1°W (2021) / 7.0' increasing.
6	**AD Operator, address, telephone, telefax, telex, AFS**	Civil Aviation Authority of the Philippines Francisco Bangoy (Davao) International Airport 8000 Sasa, Davao City Philippines Phone: (+63) (082) 234-0418, (+63) (082) 232-8040 (Airport Hotline)
7	**Types of traffic permitted (IFR/VFR)**	IFR-VFR.
8	**Remarks**	Nil.

RPMD AD 2.3 OPERATIONAL HOURS

1	**AD Operator**	MON - FRI: 0000 - 0900 (excluding holidays).
2	**Customs and immigration**	0000 - 0900. On request after said HR of OPS.
3	**Health and sanitation**	0000 - 0900. On request after said HR of OPS. Medical Clinic 2200 - 1500. Call 911 after said HR of OPS.
4	**AIS Briefing Office**	Nil.
5	**ATS Reporting Office (ARO)**	H24.
6	**MET Briefing Office**	H24.
7	**ATS**	MON - FRI: 0000 - 0900 (excluding holidays).
8	**Fuelling**	2200 - 1000. On request after said HR of OPS.
9	**Handling**	H24.
10	**Security**	H24.
11	**De-icing**	Nil.
12	**Remarks**	Airport Operations: H24.

RPMD AD 2.4 HANDLING SERVICES AND FACILITIES

1	**Cargo-handling facilities**	Cebu Pacific Air one (1) forklift (3 tons), one (1) tow tug (2.5 tons). 1Aviation one (1) forklift (3 tons). Philippine Airlines one (1) forklift (3 tons), one (1) tow tug (2.5 tons). Cargo Haus one (1) forklift (3 tons).
2	**Fuel/oil types**	Jet A-1. AVGAS fuel may be available on request (Petron, Phoenix, SafeAir).
3	**Fuelling facilities/capacity**	By fuel farm and tank truck service but with prior notice required.
4	**De-icing facilities**	Nil.
5	**Hangar space for visiting aircraft**	Nil.
6	**Repair facilities for visiting aircraft**	Nil.
7	**Remarks**	Nil.

RPMD AD 2.5 PASSENGER FACILITIES

1	**Hotels**	Hotels are available outside the airport premises. Unlimited in the city.
2	**Restaurants**	Limited at the airport, unlimited in the city.
3	**Transportation**	Van, taxis, coasters and cars for hire.
4	**Medical facilities**	Hospital with ambulance service in the city.
5	**Bank and Post Office**	Unlimited in the city.
6	**Tourist Office**	Tourist booth available at the arrival area.
7	**Remarks**	Communication: SIM cards are available at concessionaires, and nearby business stores outside the airport. Emergency Communication: Call 911 for medical, security, and rescue assistance.

RPMD AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	**AD category for fire fighting**	Category 9.
2	**Rescue equipment**	Four (4) fire trucks [One (1) Oshkosh (6000 liters), two (2) Oshkosh (12000 liters each) and one (1) SIDES (9500 liters)].
3	**Capability for removal of disabled aircraft**	1. Responsibility and Authority 1.1 The removal of a disabled aircraft is primarily the responsibility of the aircraft operator. 1.2 Notwithstanding this responsibility, Francisco Bangoy (Davao) International Airport (FBIA) reserves the authority to intervene and expedite removal operations at any time to ensure business continuity and minimize operational interruptions. 1.3 FBIA may initiate removal from the movement area or its vicinity at the sole expense of the aircraft owner or operator. 2. Third-party Assistance 2.1 FBIA maintains a Letter of Understanding (LOU) with the Department of Public Works and Highways (DPWH) as the primary third-party contractor for heavy recovery operations. 2.2 For detailed procedures, stakeholders shall refer to the FBIA Disabled Aircraft Removal Plan (DARP). 3. Aircraft Removal Capability 3.1 FBIA and DPWH are capable of removing aircraft up to the size of an A330. 4. Coordination and Contact Information 4.1 The implementation of the removal plan is managed by the designated DARP Coordinators: a. CAAP - Davao Phone: (+63) 920-5066050 (mobile) b. DPWH - Davao Phone: (+63) 921-2321815 (mobile)
4	**Remarks**	Oshkosh (6000 liters): 795 liters 3% AFFF, 250 KG dry chemical. 2 Oshkosh (12000 liters): 1590 liters 3% AFFF, 250 KG dry chemical each fire truck. SIDES: 1000 liters 6% AFFF. Aircraft rescue and fire fighting manpower is maintained at fifteen (15) personnel per shift (Day, Evening and Midnight shifts). Foam Meeting Performance: Level B.

RPMD AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	**Types of clearing equipment**	Runway sweepers with brooms and dust pans.
2	**Clearance priorities**	1. RWY, 2. TWY, 3. APN, 4. RWY Strip.
3	**Remarks**	Nil.

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

1	**Apron surface and strength**	Commercial Ramp Surface: CONC. Strength: 680/R/B/W/U. GEN AV Ramp Surface: CONC. Strength: 680/R/B/W/U.
2	**Taxiway width, surface and strength**	TWY A3 Width: 30 M. Surface: ASPH. Strength: 680/F/B/W/U. TWY A4 Width: 30 M. Surface: ASPH. Strength: 680/F/B/W/U. TWY C Width: 30 M. Surface: ASPH. Strength: 680/F/B/W/U.
3	**Altimeter checkpoint location and elevation**	Aircraft Stand Number 1 Location: 070751.94N 1253850.06E. Elevation: 78 FT. Aircraft Stand Number 2 Location: 070750.81N 1253848.80E. Elevation: 78 FT. Aircraft Stand Number 3 Location: 070749.79N 1253846.95E. Elevation: 78 FT. Aircraft Stand Number 4 Location: 070748.24N 1253845.14E. Elevation: 78 FT. Aircraft Stand Number 5 Location: 070746.69N 1253843.34E. Elevation: 78 FT. Aircraft Stand Number 6 Location: 070744.98N 1253842.11E. Elevation: 78 FT. Aircraft Stand Number 7 Location: 070743.96N 1253840.72E. Elevation: 78 FT. Aircraft Stand Number 8 Location: 070742.77N 1253839.07E. Elevation: 78 FT. Aircraft Stand Number 9 Location: 070741.23N 1253837.28E. Elevation: 78 FT.
4	**VOR checkpoints**	Nil.
5	**INS checkpoints**	Nil.
6	**Remarks**	Commercial Ramp width: 30 M. GEN AV Ramp width: 30 M.

RPMD 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 guidance signs at all intersections with TWY and RWY at all holding positions. Guidance at apron. Nose-in guidance at aircraft stands.
2	**RWY and TWY markings and LGT**	RWY: Designation, THR, center line and TDZ marked. THR lighted. TWY: Center line marked.
3	**Stop bars and RWY guard lights**	Where approximate.
4	**Other RWY protection measures**	RWY crossings subject to ATC clearance. RWY protected by ground surveillance and stop bars at TWY A3 and TWY A4.
5	**Remarks**	Nil.

RPMD 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**	
05/APCH	Building 342 FT	070532.5N 1253641.4E	Tower Crane 284 FT	070815.7N 1253845.7E	Nil
	Building 298 FT	070529.0N 1253648.5E	Building 242 FT	070550.6N 1253856.8E	
	Building 297 FT	070531.1N 1253649.5E	Cell Tower 202 FT	070803.1N 1253939.0E	
	Building 286 FT	070527.4N 1253631.7E			
	Electric Post 128 FT	070654.0N 1253754.0E			
	Electric Post 128 FT	070653.3N 1253754.1E			
	Electric Post 127 FT	070652.4N 1253754.3E			
	Electric Post 123 FT	070650.7N 1253754.9E			
	Electric Post 111 FT	070649.6N 1253755.3E			
23/APCH	Building 115 FT	070811.4N 1253936.9E			

RPMD AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	**Associated MET Office**	Davao 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**	Manila PAGASA. 9 hours.
4	**Trend forecast** **Interval of issuance**	Trend Type. Hourly.
5	**Briefing/consultation provided**	Prognostic/Telephone/Personal.
6	**Flight documentation** **Language(s) used**	Nil. English.
7	**Charts and other information available for briefing or consultation**	Nil.
8	**Supplementary equipment available for providing information**	Meteorological Instrument: RWY 05/23 - Anemometer, WDI, Barometer, Ceilometer, RVR, RWY Temperature Indicator and Relative Humidity. HR of OPS: H24.
9	**ATS units provided with information**	Davao Tower/Approach.
10	**Additional information (limitation of service, etc.)**	SPECI.

RPMD 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**
05	049.00º	2999 X 45	680/F/B/W/U ASPH	070700.02N 1253807.76E	THR 90 FT TDZ 90 FT	Nil
23	229.00º	2999 X 45	680/F/B/W/U ASPH	070803.74N 1253921.85E	THR 92 FT TDZ 92 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	60 X 200	3119 X 202	90 X 90	Nil	Nil	Nil
Nil	60 X 200	3119 X 202	90 X 90	Nil	Nil	Nil

RPMD AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	**2**	**3**	**4**	**5**	**6**
05	2999	3059	2999	2999	Nil
23	2999	3059	2999	2999	Nil

RPMD 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
05	PALS 900 M, LIH	Green, 10	PAPI 3.1°, Left/Right	Nil
23	PALS 600 M, LIH	Green, 10	PAPI 3.0°, Left/Right	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	3000 M, 60 M, White/Red, LIH	Red	Nil	PALS Category I. RWY End Light Number of lights: Six (6) covering both pilot and co-pilot side.
Nil	3000 M, 60 M, White/Red, LIH	Red	Nil	PALS Category I. RWY End Light Number of lights: Six (6) covering both pilot and co-pilot side.

RPMD AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	**ABN/IBN location, characteristics and hours of operation**	Location: 070739.42N 1253834.75E. Characteristics: Alternating flashing white green every 2.5 seconds. HR of OPS: Night time or during inclement weather.
2	**LDI location and LGT** **Anemometer location and LGT**	Anemometer Weather Pole 05: 070710.63N 1253814.08E, Lighted. Weather Pole 23: 070759.06N 1253910.40E, Lighted.
3	**TWY edge and centre line lighting**	TWY A3: Edge light Blue. TWY A4: Edge light Blue. TWY C: Edge light Blue.
4	**Secondary power supply/switch-over time**	Secondary power supply to all lighting at aerodrome. Switch-over time AGL 23 substation 10 seconds and AGL 05 substation 5 seconds.
5	**Remarks**	All TWY Edge Light Light: 30 watts. Intensity: LIH. Wigwag lights available to all TWY.

RPMD AD 2.17 ATS AIRSPACE

1	**Designation and lateral limits**	DAVAO AERODROME TRAFFIC ZONE (ATZ): A circle radius 5 NM centered on 070732N 1253845E (ARP). DAVAO CONTROL ZONE (CTR): A circle radius 10 NM centered on 070752.5N 1253914.3E (DAO DVOR/DME). DAVAO TERMINAL CONTROL AREA (TMA): 075807N 1244909E - 075807N 1254154E - 071640N 1260913E - 064255N 1260913E - 064255N 1252556E - 065417N 1245516E - 071543N 1245051E - 075807N 1244909E.
2	**Vertical limits**	ATZ: SFC 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 - Davao Tower. CTR/TMA - Davao Approach. English.
5	**Transition altitude**	11000 FT.
6	**Hours of applicability**	H24.
7	**Remarks**	Nil.

RPMD 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	Davao Tower	118.1 MHZ	Nil	Nil	H24	PRI FREQ.
APP	Davao Approach	122.4 MHZ				PRI FREQ.
CLR Delivery	Clearance Delivery	120.7 MHZ				PRI FREQ. Operator: CAA of the Philippines (CAAP).
ATIS	Davao ATIS	127.0 MHZ				Nil.

RPMD 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	DAO	112.1 MHZ/ CH58X	H24	070752.5N 1253914.3E	100 FT	409 M from RWY 23 and 105.5 M left of RWY 23 center line. VOR - 200 watts / DME - 1 KW. Unserviceable on Radial 128 beyond 35 NM below 4500 FT.
ILS CAT I LOC 05	IDAO	109.1 MHZ	H24	070807.4N 1253926.1E	Nil	Output 15 watts. 0 M from RWY 05/ 23 center line. 167 M from THR RWY 23. Continuous wave: 3.7°.
GP 05		331.4 MHZ	H24	070705.2N 1253819.8E	Nil	GP 05 located at 121 M right from RWY center line. 387.5 M from THR RWY 05. Glide angle: 3.05º.
DME 05		CH28X	H24	070705.2N 1253819.8E	Nil	Output 100 watts with directional antenna collocated to GP 05.
ILS CAT I LOC 23	IDVO	109.9 MHZ	H24	070653.9N 1253800.6E	Nil	Output 15 watts. 0 M from RWY 05/ 23 center line. 287.5 M from THR RWY 05. Continuous wave: 3.6°.
GP 23		333.8 MHZ	H24	070800.3N 1253911.9E	Nil	GP 23 located at 118 M right of RWY center line. 302.35 M from THR RWY 23. Glide angle: 3.04º.
DME 23		CH36X	H24	070800.3N 1253911.9E	Nil	Output 100 watts with directional antenna collocated to GP 23.

RPMD AD 2.20 LOCAL AERODROME REGULATIONS

1. Aiport Regulations

1.1 General

1.1.1 Entry and departure of international flights:

a. All Davao bound international scheduled/non-scheduled air carriers must land at Francisco Bangoy 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 Davao 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 aircraft with an all-up weight of 64864 KG and below are allowed to make 180° turn on any part of the runway provided no tight turning is conducted.

1.1.3 Aircraft shall park at Isolation Parking Area located at TWY A4 or RWY 05 turning pad. For Public Health Emergency, aircraft may utilize aircraft stand numbers 1, 2, and 3 only.

1.2 Local Flying Restrictions

1.2.1 Closed to aircraft without a functioning two-way radio. However, agricultural aircraft may be allowed to operate when under maintenance only prior to coordination with Davao Tower.

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

2. Taxiing to and from stands

2.1 Arrival

2.1.1 Davao Tower upon issuance of taxiing instructions shall include aircraft stand assignment.

2.1.2 Aircraft entering the apron must follow closely the apron taxi guide lines to ensure safe distance between taxiing and parked aircraft.

2.1.3 Unless otherwise instructed by ATC, all aircraft landing RWY 05 shall taxi-in via TWY A4. For aircraft landing on RWY 23, taxi-in via TWY A3.

2.1.4 All aircraft stands are allocated on a first come first serve basis with due regard to aircraft type, location of airline handling facilities, CIQ, and the prevailing traffic situation.

Note: Long term parking of aircraft or intending to stay overnight may be required to park-reposition at aircraft stand numbers 1, 2, 7 or as instructed by ATC.

2.1.5 All aircraft may taxi-in with power to their respective aircraft stand assignment and must be assisted with wing marshals/walkers.

2.1.6 General aviation aircraft intending to remain overnight should park their aircraft at aircraft stand numbers 1, 2 or as instructed by ATC.

2.1.7 Coordination procedure on the use of the GEN AV Ramp

2.1.7.1 General Guidelines

a. The Tactical Operations Group XI (TOG 11) shall take the lead in ensuring the safety and security of the operations at the GEN AV Ramp, in coordination with CAAP and the Philippine National Police - Aviation Security Unit (PNP-AVSEU).

b. Davao Tower retains control of all aircraft movement in the GEN AV Ramp.

c. In the event of congestion in the Commercial Ramp, CAAP reserves the right to utilize the GEN AV Ramp (as last resort) for parking.

2.1.7.2 Coordination Procedures

a. Aircraft movement to and from the general aviation hangar need not be coordinated with TOG 11.

b. Aircraft activity in the GEN AV Ramp, such as towing or ground maneuvers, shall first obtain clearance from Davao Tower before commencement of the operation.

c. TOG 11 shall notify Davao Tower of any planned use of the GEN AV Ramp for parking by civilian aircraft at least thirty (30) minutes prior to its expected arrival.

2.1.7.3 Communication and Coordination Channels

a. Direct telephone landline; or

b. Mobile cellphone; or

c. Messaging application; or

d. VHF radio frequency (138.025 MHZ)

2.2 Departure

2.2.1 Clearance from Davao Tower must be obtained prior to commencing push-back/tow or taxi of all aircraft.

2.2.2 All aircraft push-back and tow-out operations must be assisted by wing marshals/walkers.

2.2.3 All aircraft must strictly follow the respective nose wheel stop bars.

2.2.4 For RWY 05 departures, aircraft must be pushed-back and start parallel to the runway position S-1, S-2 or as instructed by ATC.

2.2.5 For RWY 23 departures, aircraft must be pushed-back and start parallel to the runway position S-2, S-3 or as instructed by ATC.

Note:

1. Starting Points - Commercial Ramp

S-1	070740.48N 1253842.37E
S-2	070742.93N 1253845.21E
S-3	070745.90N 1253848.75E

3. Parking

3.1 Commercial Ramp

Aircraft Stand Number	Coordinates	Aircraft Type	Restrictions/Remarks
1	070751.94N 1253850.06E	A321, A320, A319, E190	Aircraft stand numbers 1, 2 and 7 are exclusive only for aircraft A321 and lower category. Higher category aircraft may be allowed to use the aircraft stand provided that no other aircraft are parked or are expected to park adjacent to it.
1A	070751.82N 1253850.17E	ATR72, Q400	
2	070750.81N 1253848.80E	A321, A320, A319, E190	
2B	070750.68N 1253848.90E	ATR72, Q400	
3	070749.79N 1253846.95E	A350	Aircraft stand tubes 3, 4, 5 and 6 operating limits from 2.0 M up to 5.4 M.
3A	070749.75N 1253846.98E	B777, B747, A340, A330	
3B	070749.68N 1253847.04E	B787	
3C	070749.52N 1253847.18E	B737, A321, A320, A319, E190	
4	070748.24N 1253845.14E	A350	
4A	070748.20N 1253845.18E	B777, B747, A340, A330	
4B	070748.13N 1253845.23E	B787	
4C	070747.97N 1253845.38E	B737, A321, A320, A319, E190	
5	070746.69N 1253843.34E	A350	
5A	070746.65N 1253843.38E	B777, B747, A340, A330	
5B	070746.42N 1253843.58E	B737, A321, A320, A319, E190	
6	070744.98N 1253842.11E	B737, A321, A320, A319	
7	070743.96N 1253840.72E	A321, A320, A319	General aviation aircraft shall park, load and/or unload passengers at aircraft stand numbers 1, 2, 7, 8 and 9 or as instructed by ATC.
7A	070743.84N 1253840.83E	ATR72, Q400	
8	070742.77N 1253839.07E	B787, B777, B747, A350, A340, A330	
8A	070742.63N 1253839.18E	A321, A320, A319	
8B	070742.51N 1253839.29E	ATR72, Q400	
9	070741.23N 1253837.28E	B787, B777, B747, A350, A340, A330	
9A	070741.09N 1253837.39E	A321, A320, A319	
9B	070740.97N 1253837.50E	ATR72, Q400	

RPMD 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 Davao ATZ.

1.1.1 All departing VFR flights shall maintain a listening watch on Davao Tower frequency 118.1 MHZ until twenty (20) NM.

1.1.2 All arriving VFR flights shall establish contact and remain on listening watch with Davao Approach on 122.4 MHZ upon entering Davao TMA or Davao Tower on frequency 118.1 MHZ if unable to establish contact with Davao Approach.

1.1.3 All arriving VFR flights shall establish contact with Davao Tower approaching ten (10) NM.

1.1.4 ATC instructions shall be acknowledged and complied with.

1.1.5 IFR flights shall have priority over VFR flights.

1.1.6 Any deviation from the procedures shall be subject to ATC approval.

1.1.7 When operating within Davao TMA, pilots of VFR aircraft are to conform to the following altitude restrictions unless authorized by ATC:

a. Within ten (10) NM from DAO DVOR/DME not higher than 1500 FT;

b. From ten (10) NM up to twenty (20) NM from DAO DVOR/DME Radial 180 to 070 not higher than 2000 FT; and

c. From ten (10) NM up to twenty (20) NM from DAO DVOR/DME Radial 070 to 180 not higher than 3000 FT.

Note: Pilots shall be aware of the terrain East of the airport (Samal Island) and southwest of the airport (Mount Apo).

2. Arrival and Departure Procedures

2.1 VFR Procedures RWY 05

2.1.1 Departure

a. North Bound: After airborne, turn left towards GAISANO TIBUNGCO. Proceed towards PANABO PORT or proceed as instructed by ATC. Advise switching frequency.

b. East Bound: After airborne, turn right and fly on an easterly direction towards LIGUID DAKO. Continue to BONGABONG or proceed as instructed by ATC. Advise switching frequency.

c. South Bound: After airborne, make a right downwind departure and fly towards DAVAO GULF. Report five (5) NM South. Continue towards West of TALIKUD ISLAND or proceed as instructed by ATC. Advise switching frequency.

d. West Bound: After airborne, make a left downwind departure towards JADE VALLEY. Report fifteen (15) NM West or proceed as instructed by ATC. Advise switching frequency.

2.1.2 Arrival

a. From the North: Report approaching DAVAO DEL NORTE STATE COLLEGE. Continue on southwesterly direction towards PALOS VERDES. Request to join left downwind RWY 05 or proceed as instructed by ATC.

b. From the East/South: Report approaching East of TALIKUD ISLAND. Continue on northerly direction to PEÑAPLATA. Request to join right downwind RWY 05 or proceed as instructed by ATC.

c. From the West: Report approaching CALINAN. Continue on an easterly direction towards PALOS VERDES. Request to join left downwind RWY 05 or proceed as instructed by ATC.

2.2 VFR Procedures RWY 23

2.2.1 Departure

a. North Bound: After airborne, make a right downwind departure towards GAISANO TIBUNGCO. Continue towards PANABO PORT or proceed as instructed by ATC. Advise switching frequency.

b. East Bound: After airborne, turn left towards DAVAO GULF. Report five (5) NM South. Fly on easterly direction or proceed as instructed by ATC. Advise switching frequency.

c. South Bound: After airborne, turn left and fly towards DAVAO GULF. Report five (5) NM South. Continue towards West of TALIKUD ISLAND or proceed as instructed by ATC. Advise switching frequency.

d. West Bound: After airborne, turn right and fly towards JADE VALLEY. Report fifteen (15) NM West or proceed as instructed by ATC. Advise switching frequency.

2.2.2 Arrival

a. From the North: Report approaching DAVAO DEL NORTE STATE COLLEGE. Continue on a southwesterly direction towards PALOS VERDES. Request to join right downwind RWY 23 or proceed as instructed by ATC.

b. From the East/South: Report approaching East of TALIKUD ISLAND. Continue on a northerly direction to PEÑAPLATA. Request to join left downwind RWY 23 or proceed as instructed by ATC.

c. From the West: Report approaching CALINAN. Continue on an easterly direction towards PALOS VERDES. Request to join right downwind RWY 23 or proceed as instructed by ATC.

3. Helicopter Operations

3.1 General Procedures for Helicopter Operations

3.1.1 Except when clearance is obtained from Davao Tower, VFR helicopter flights shall not take-off or land at Francisco Bangoy International Airport, GEN AV RAMP and KJC HANGAR 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).

3.1.2 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.

3.1.3 Advise Davao Tower when ready for take-off.

3.1.4 Advise Davao Tower of departure time once airborne.

3.1.5 After crossing final approach RWY 05/23, report to Davao Tower when clear.

3.1.6 Monitor Davao Tower frequency for position report and traffic information.

3.2 Helicopter Departure

3.2.1 North Bound:

a. GEN AV RAMP - After airborne, proceed towards East of VANISHING ISLAND at 300 FT. Request clearance to cross final approach RWY 23. Cross final approach RWY 23 at 300 FT. Continue on a northwesterly direction. Report GAISANO TIBUNGCO at 600 FT or proceed as instructed by ATC.

b. KJC HANGAR - After airborne, proceed towards CAMELLA HOMES at 700 FT. Continue on a northerly direction towards GAISANO TIBUNGCO at 600 FT, or proceed as instructed by ATC.

3.2.2 East Bound:

a. GEN AV RAMP - After airborne, proceed towards AZUELA COVE at 300 FT. Proceed to destination. Report ten (10) NM out or proceed as instructed by ATC.

b. KJC HANGAR - After airborne, request clearance to cross the RWY. Cross the RWY and continue to eastward destination. Report ten (10) NM out or proceed as instructed by ATC.

3.2.3 South Bound:

a. GEN AV RAMP - After airborne, proceed towards AZUELA COVE at 300 FT. Fly abeam the shoreline on a southwesterly direction towards SEAGULL RESORT at 500 FT. Fly towards TORIL at 700 FT or proceed as instructed by ATC.

b. KJC HANGAR - After airborne, fly towards JADE VALLEY. Continue on a southwesterly direction towards APO GOLF COURSE. Continue towards TORIL at 700 FT or proceed as instructed by ATC.

3.2.4 West Bound:

a. GEN AV RAMP - After airborne, request clearance to cross the RWY. Cross the RWY, proceed towards JADE VALLEY. Continue westward to destination. Report ten (10) NM out or proceed as instructed by ATC.

b. KJC HANGAR - After airborne, proceed towards CAMELLA HOMES AT 700 FT. Continue westward to destination. Report ten (10) NM out or proceed as instructed by ATC.

3.3 Helicopter Arrival

3.3.1 From the North:

a. GEN AV RAMP - Report approaching GAISANO TIBUNGCO at 600 FT. Request clearance to cross final approach RWY 23. Cross final approach RWY 23 at 300 FT towards East of VANISHING ISLAND, then maintain 300 FT towards AZUELA COVE. Report landed or proceed as instructed by ATC.

b. KJC HANGAR - Report approaching GAISANO TIBUNGCO at 600 FT. Proceed towards CAMELLA HOMES at 700 FT. Report landed or proceed as instructed by ATC.

3.3.2 From the East:

a. GEN AV RAMP - Report approaching AZUELA COVE at 300 FT. Report landed or proceed as instructed by ATC.

b. KJC HANGAR - Report approaching AZUELA COVE at 300 FT. Report when ready to cross the RWY. Cross the RWY and report landed or proceed as instructed by ATC.

3.3.3 From the South:

a. GEN AV RAMP - From TORIL at 700 FT, fly towards SEAGULL RESORT at 500 FT. Fly abeam the shoreline on a northeasterly direction towards AZUELA COVE at 300 FT. Report landed or proceed as instructed by ATC.

b. KJC HANGAR - From TORIL at 700 FT, fly towards APO GOLF COURSE. Continue towards JADE VALLEY then towards CAMELLA HOMES at 700 FT. Report landed or proceed as instructed by ATC.

3.3.4 From the West:

a. GEN AV RAMP - Report approaching JADE VALLEY. Continue towards CAMELLA HOMES at 700 FT. Request clearance to cross the RWY. Cross the RWY and report landed or proceed as instructed by ATC.

b. KJC HANGAR - Report approaching JADE VALLEY. Continue towards CAMELLA HOMES at 700 FT. Report landed or proceed as instructed by ATC.

3.4 Procedures for Transiting Helicopters

a. From North to South - From GAISANO TIBUNGCO at 600 FT, fly on a southwesterly direction towards CAMELLA HOMES at 700 FT. Continue towards JADE VALLEY. Proceed towards APO GOLF COURSE. Continue towards TORIL at 700 FT or proceed as instructed by ATC.

b. From East to North - Approaching East of VANISHING ISLAND at 300 FT, request clearance to cross final approach RWY 23. Cross final approach RWY 23 at 300 FT then towards GAISANO TIBUNGCO at 600 FT or proceed as instructed by ATC.

c. From East to South - Approaching AZUELA COVE at 300 FT, fly abeam the shoreline on a southwesterly direction towards SEAGULL RESORT at 500 FT. Fly towards TORIL at 700 FT or proceed as instructed by ATC.

d. From East to West - Approaching AZUELA COVE, request clearance to cross final approach RWY 05. Cross final approach RWY 05 at 700 FT and proceed towards JADE VALLEY. Continue westward to destination or proceed as instructed by ATC.

e. From South to North - From TORIL at 700 FT, fly towards APO GOLF COURSE. Continue towards JADE VALLEY then towards CAMELLA HOMES at 700 FT. Report GAISANO TIBUNGCO at 600 FT or proceed as instructed by ATC.

f. From South to West - From TORIL at 700 FT, proceed towards APO GOLF COURSE. Continue westward to destination. Report ten (10) NM out or as instructed by ATC.

g. From West to East:

1. Via CAMELLA HOMES - Approaching CAMELLA HOMES at 700 FT, request clearance to cross the RWY. Cross the RWY and continue eastward to destination. Report ten (10) NM out or proceed as instructed by ATC.

2. Via JADE VALLEY - Approaching JADE VALLEY, request clearance to cross final approach RWY 05. Cross final approach RWY 05 at 700 FT. Continue towards AZUELA COVE at 300 FT. Report five (5) NM out or proceed as instructed by ATC.

h. From West to South - Approaching JADE VALLEY, proceed towards APO GOLF COURSE. Continue towards TORIL at 700 FT or proceed as instructed by ATC.

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.

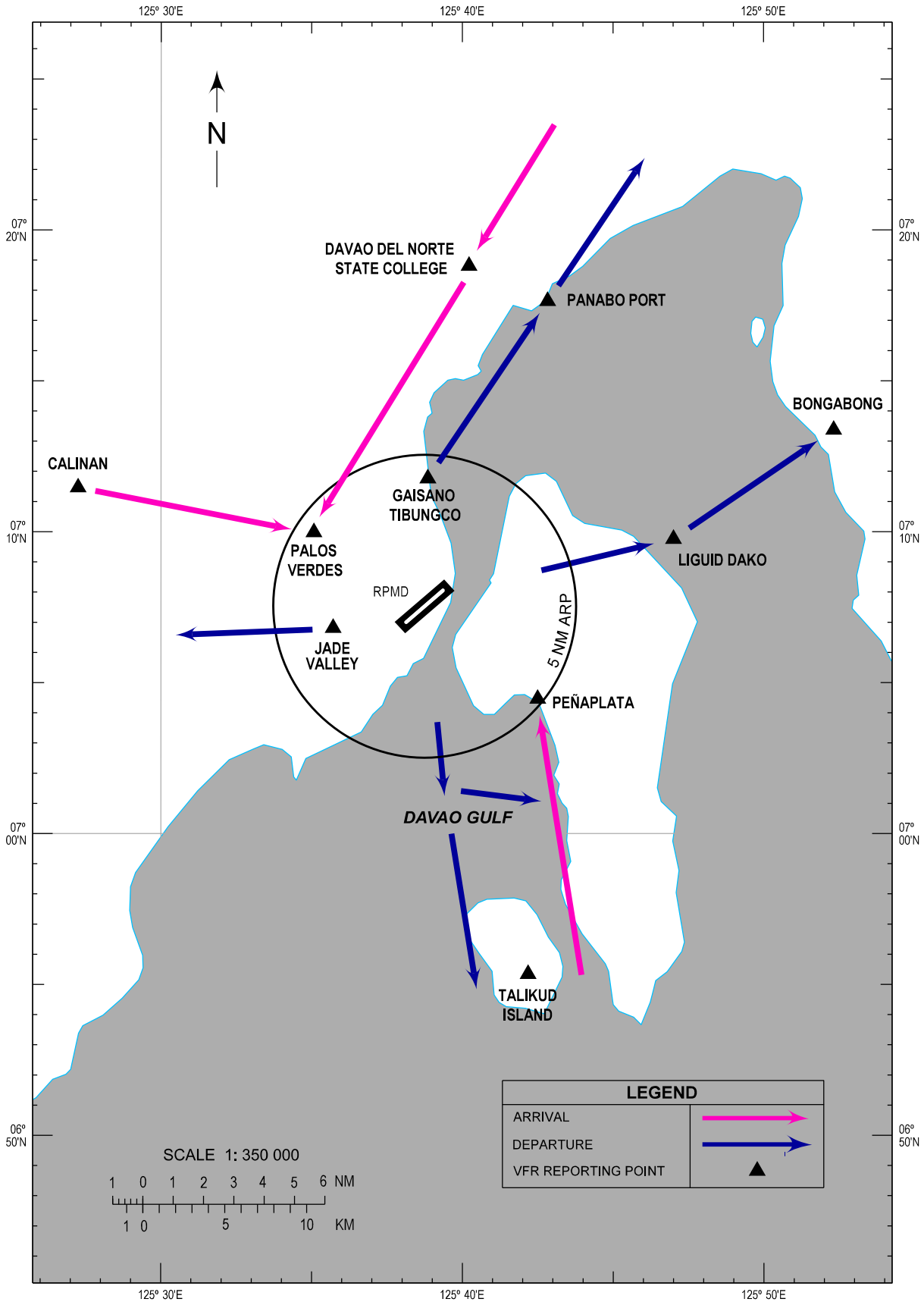
VISUAL REPORTING POINT	COORDINATES	DISTANCE FROM ARP (NM)	RELATIVE POSITION FROM ARP	DESCRIPTION
APO GOLF COURSE	070311N 1253146E	8.2	SW	Apo Golf Course
AZUELA COVE	070554N 1253857E	1.6	S	Azuela Cove Community
BONGABONG	071323N 1255219E	14.7	NE	Barangay Bongabong
CALINAN	071128N 1252715E	12.1	W	Barangay Calinan
CAMELLA HOMES	070834N 1253823E	1.1	N	Camella Homes Subdivision
DAVAO DEL NORTE STATE COLLEGE	071849N 1254013E	11.3	N	Davao Del Norte State College School
GAISANO TIBUNGCO	071146N 1253851E	4.2	N	Gaisano Tibungco Mall
GEN AV RAMP	070746N 1253909E	0.5	NE	Davao General Aviation Ramp
JADE VALLEY	070649N 1253543E	3.1	W	Jade Valley Subdivision
KJC HANGAR	070753N 1253857E	0.4	NE	Kingdom of Jesus Christ Hangar
LIGUID DAKO	070946N 1254700E	8.5	E	Liguid Dako Island
PALOS VERDES	070959N 1253504E	4.4	NW	Palos Verdes Golf Course
PANABO PORT	071739N 1254250E	10.9	NE	Panabo Fish Port
PEÑAPLATA	070428N 1254230E	4.8	SE	Barangay Peñaplata
SEAGULL RESORT	070136N 1253426E	7.3	SW	Seagull Beach Resort
TALIKUD ISLAND	065521N 1254211E	12.6	S	Talikud Island
TORIL	070037N 1252952E	11.2	SW	Barangay Toril
VANISHING ISLAND	070932N 1254056E	2.7	NE	Vanishing Island

VFR AREA CHART

AERODROME ELEV
92 FT

APP - 122.4
TWR - 118.1

DAVAO/Francisco Bangoy Intl (RPMD)

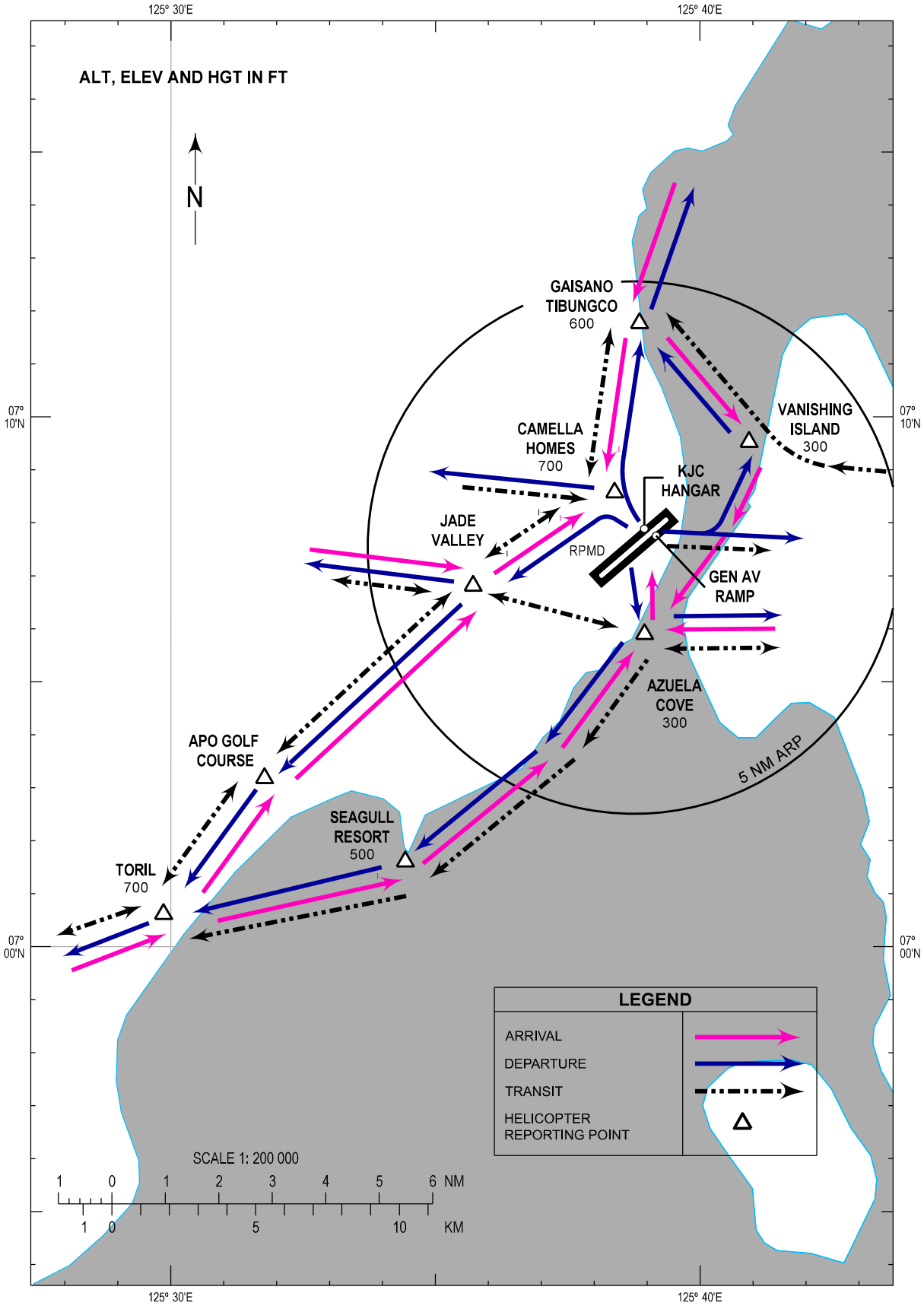


HELICOPTER ROUTE CHART

AERODROME ELEV 92 FT

APP - 122.4
TWR - 118.1

DAVAO/Francisco Bangoy Intl (RPMD)



RPMD AD 2.23 ADDITIONAL INFORMATION

1. Wildlife Concentration in the vicinity of the airport

1.1 Vigilance is necessary between February, July and November (mating season of Brahminy Kites).

1.2 Pilots are advised to exercise caution during landing/take-off RWY 05/23 due to presence of rock doves and crows in the vicinity.

Note: There is an existing bird control procedure that prevents bird congregation at the airport area. Wildlife Hazard Management Team (WHMT) are stationed at the Wildlife Elevated Outposts near the approach areas of RWY 05/23 for real-time bird monitoring and reporting. The wildlife monitoring and reporting is done every 15 - 20 minutes before the arrival and departure of an aircraft.

RPMD AD 2.24 CHARTS RELATED TO AN AERODROME