

AD 2 AERODROMES

Note: The following sections in this chapter are intentionally left blank: AD-2.16, AD-2.21, AD-2.22, AD-2.23, AD-2.25

RPVP AD 2.1 AERODROME LOCATION INDICATOR AND NAME

RPVP - PUERTO PRINCESA INTERNATIONAL AIRPORT

RPVP AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	ARP coordinates and site at AD	094431N 1184535E.
2	Direction and distance from (city)	327° 18' and 2.0 KM within city proper.
3	Elevation/Reference temperature	66 FT.
4	Geoid undulation at AD ELEV PSN	165 FT.
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 Puerto Princesa International Airport Barangay San Miguel, Puerto Princesa City, 5300 Palawan Phone: (+63) (048) 433-4965 Email: puertoprincesa_airport@caap.gov.ph
7	Types of traffic permitted (IFR/VFR)	IFR-VFR.
8	Remarks	Nil.

RPVP AD 2.3 OPERATIONAL HOURS

1	AD Operator	MON - FRI: 0000 - 0900.
2	Customs and immigration	MON - FRI: 0000 - 0400 / 0500 - 0900.
3	Health and sanitation	Nil.
4	AIS Briefing Office	Nil.
5	ATS Reporting Office (ARO)	2100 - 1300.
6	MET Briefing Office	Nil.
7	ATS	MON - FRI: 0000 - 0900.
8	Fuelling	2100 - 1300.
9	Handling	2100 - 1300.
10	Security	H24.
11	De-icing	Nil.
12	Remarks	Airport Operations: 2100 - 1300.

RPVP AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	Provided by airlines.
2	Fuel/oil types	Jet A-1, AVGAS available upon request from Petron.
3	Fuelling facilities/capacity	Nil.
4	De-icing facilities	Nil.
5	Hangar space for visiting aircraft	Military hangar.
6	Repair facilities for visiting aircraft	Nil.
7	Remarks	Nil.

RPVP AD 2.5 PASSENGER FACILITIES

1	Hotels	Within Puerto Princesa City.
2	Restaurants	At the aerodrome, near the aerodrome and in the city.
3	Transportation	Taxi, shuttle van, bus, Public Utility Vehicle (PUV), tricycle and motorcycle.
4	Medical facilities	Within Puerto Princesa City.
5	Bank and Post Office	Within Puerto Princesa City.
6	Tourist Office	Within the aerodrome.
7	Remarks	Nil.

RPVP AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	AD category for fire fighting	Category 9.
2	Rescue equipment	Three (3) fire trucks [Two (2) IVECO (13000 liters each) and one (1) IVECO (6000 liters)].
3	Capability for removal of disabled aircraft	Aircraft recovery equipment for lifting and moving all aircraft size up to and including A321 by third party provider. Puerto Princesa International Airport Disabled Aircraft Removal Plan (DARP) Coordinator: 1. Acting Safety Manager Phone: (+63) 9167030192 (mobile) 2. Acting Fire Marshall Phone: (+63) 9055001704 (mobile) 3. Third Party Provider Allan Boy Trucking Services Incorporated (ABTSI) Address: Quezon Street, Barangay Matiyaga, Puerto Princesa City, Palawan Phone: (+63) 9175789338 (mobile)
4	Remarks	Ten (10) Rescue and fire fighting personnel (minimum) per shift. One (1) Medical personnel (minimum) per shift. Foam Meeting Performance: Level B.

RPVP AD 2.7 SEASONAL AVAILABILITY - CLEARING

1	Types of clearing equipment	One (1) unit runway sweeper truck. One (1) unit tractor mower.
2	Clearance priorities	1. RWY, 2. TWY, 3. APN, 4. RWY Strip.
3	Remarks	Clearing equipment at aerodrome is available throughout the year.

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

1	Apron surface and strength	San Miguel Apron Surface: CONC. Strength: 608/R/B/W/U.
2	Taxiway width, surface and strength	TWY A Width: 30 M. Surface: CONC. Strength: 608/R/B/W/U. TWY B Width: 38 M. Surface: CONC. Strength: 608/R/B/W/U.
3	Altimeter checkpoint location and elevation	Nil.
4	VOR checkpoints	Nil.
5	INS checkpoints	Nil.
6	Remarks	Nil.

RPVP 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	Yellow TWY edge markings and center line. TWY edge lights.
2	RWY and TWY markings and LGT	RWY: Center line, threshold, touchdown zone, aiming point, RWY side edge, RWY designation, displaced threshold, and chevron markings. TWY: TWY edge markings, holding position lines, nose wheel guide line.
3	Stop bars and RWY guard lights	Stop bar: Six (6) stop bars in APN (every parking bay). RWY Guard Lights TWY A: One (1) guard light. TWY B: Two (2) guard lights.
4	Other RWY protection measures	Nil.
5	Remarks	Nil.

RPVP 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	
Nil	Nil	Nil	Antenna 469 FT	094716.0N 1184408.6E	230 FT high within the aerodrome
			Antenna 272 FT	094644.3N 1184341.2E	
			Antenna 266 FT	094405.2N 1184409.7E	

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	
			Antenna 250 FT	094606.6N 1184443.4E	
			Communication Tower 249 FT	094405.5N 1184410.5E	
			Antenna 239 FT	094614.5N 1184510.7E	
			Antenna 238 FT	094419.7N 1184428.4E	

RPVP 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	2100 - 1300. -
3	Office responsible for TAF preparation Periods of validity	PAGASA. -
4	Trend forecast Interval of issuance	Nil. -
5	Briefing/consultation provided	Nil.
6	Flight documentation Language(s) used	- English.
7	Charts and other information available for briefing or consultation	Nil.
8	Supplementary equipment available for providing information	Meteorological Instrument: RWY 27 - Anemometer, WDI, Barometer, RWY Temperature Indicator and Relative Humidity. HR of OPS: H24
9	ATS units provided with information	Nil.
10	Additional information (limitation of service, etc.)	Barometer installed at the Control Tower. WDI, RWY Temperature Indicator and Relative Humidity co-located with the Anemometer.

RPVP 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	092.50°	2601 X 45	475/F/B/X/U ASPH	094433.17N 1184455.99E 166 FT	THR 66 FT	0.50% downhill towards THR 27
27	272.50°	2601 X 45	475/F/B/X/U ASPH	094429.77N 1184614.10E 166 FT	THR 24 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	150 X 300	2876 X 298	90 X 90	Nil	Nil	Nil
Nil	150 X 300	2876 X 298	90 X 90	Nil	Nil	Nil

RPVP AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
09	2601	2751	2601	2383	THR displaced by 218 M.
27	2601	2751	2601	2601	Nil

RPVP 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	SALS 420 M, LIH With Sequenced flashing light	THR LGT Green RTIL White	PAPI 3.0°, Left, (50.96 FT)	Nil
27	PALS 720 M, LIH With Sequenced flashing light	THR LGT Green, 10	PAPI 3.0°, Left, (52.69 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	2481 M, 60 M, White/Yellow, LIH	Red	Nil	SALS Distance of crossbar from THR: 300 M. RWY THR Identification Light (RTIL) Distance from edge light: 10 M. Intensity: LIH. PAPI Path width: 0.33°. Visibility range: 5 NM. Distance from THR: 322 M.
Nil	2481 M, 60 M, White/Yellow, LIH	Red	Nil	PALS Category 1. Distance of crossbar from THR: 300 M. PAPI Path width: 0.5°. Visibility range: 5 NM. Distance from THR: 330 M.

RPVP AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	Location: 094443.95N 1184507.36E. Characteristics: Alternating white green every 20 - 30 flashes per minute. HR of OPS: During inclement weather.
2	LDI location and LGT Anemometer location and LGT	Anemometer RWY 27: 094434.52N 1184600.64E.
3	TWY edge and centre line lighting	TWY A: Edge light Blue. TWY B: Edge light Blue.
4	Secondary power supply/switch-over time	Secondary power supply to all lighting at aerodrome. Switch-over time of 15 seconds.
5	Remarks	Nil.

RPVP AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	PUERTO PRINCESA AERODROME TRAFFIC ZONE (ATZ): A circle radius 5 NM centered on 094431N 1184535E (ARP). PUERTO PRINCESA CONTROL ZONE (CTR): A circle radius 10 NM centered on 094423.3N 1184613.5E (PR DVOR/DME). PUERTO PRINCESA TERMINAL CONTROL AREAS (TMA): 095453N 1180626E then along 40 NM arc centered on 094431N 1184535E (ARP) clockwise to 101612N 1191031E to 100817N 1190417E then along 30 NM arc centered on 094431N 1184535E (ARP) clockwise to 095813N 1191240E to 100246N 1192142E then along the 40 NM arc centered on 094431N 1184535E (ARP) clockwise to 090444N 1183954E to 093435N 1184410E then along 10 NM arc centered on 094431N 1184535E (ARP) clockwise to 094707N 1183548E to 095453N 1180626E.
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 - Puerto Princesa Tower. CTR/TMA - Puerto Princesa Approach. English.
5	Transition altitude	11000 FT.
6	Hours of applicability	H24.
7	Remarks	Nil.

RPVP 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	Puerto Princesa Tower	118.1 MHZ 5447.5 KHZ	Nil	Nil	2100 - 1300	PRI FREQ. P/P PRI FREQ (Manila Network). P/P SRY FREQ.
APP	Puerto Princesa Approach	3834 KHZ 122.0 MHZ				PRI FREQ. For extension of service, one (1) day prior notice is required.

RPVP 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	PR	115.9 MHZ/ CH106X	H24	094423.3N 1184613.5E	100 FT	DVOR Output Power: 100 watts. Usable distance: 40 NM. Distance from center line: 204 M / 668 FT. Distance from THR 27: 204 M / 669 FT.
ILS CAT I LOC 27	IPR	110.1 MHZ	H24	094433.8N 1184442.7E	Nil	Usable distance: 25 NM. Course width: 4.06° (Transmitter 1), 4.04° (Transmitter 2).
GP 27		334.4 MHZ		094433.8N 1184604.4E	Nil	Usable distance: 12 NM. Glide angle: 2.96° (Transmitter 1), 2.97° (Transmitter 2). Path width: 0.70° (Transmitter 1), 0.72° (Transmitter 2).
IDME 27		CH38X		094433.8N 1184604.4E	Nil	Usable distance: 12 NM.

RPVP AD 2.20 LOCAL AERODROME REGULATIONS

1. Airport Regulations

- 1.1 Closed to aircraft without a functioning two-way radio.
- 1.2 No Special VFR Flight is allowed in Puerto Princesa International Airport (PPIA) due to the following reasons:
- a. facility is providing non-Radar (Conventional) type of control service;
 - b. no PAGASA Station as source of MET data in destination aerodrome within the locality;
 - c. close proximity of terrain in PPIA; and
 - d. communication difficulties in some areas due to terrain.

2. Parking

- 2.1 All aircraft must strictly follow the respective aircraft nosewheel stop bars.
- 2.2 All aircraft must strictly follow the nose wheel lead-in lines to and from the ramp to prevent the aircraft main gears from excursion to the taxiway shoulders.
- 2.3 Assignment of Parking Bays

Bay Number	Coordinates	Aircraft Type	Restrictions/Remarks
1	094442.85N 1184456.93E	A321, A320, and lower category aircraft	All aircraft may taxi-in with power to the respective bay assignment and must be assigned by wing marshals/walkers.
2	094442.78N 1184458.39E	A321, A320, and lower category aircraft	
3	094442.72N 1184459.86E	A321, A320, and lower category aircraft	
4	094442.57N 1184502.14E	A330, A321, A320, and lower category aircraft	All A330 flights are required to notify Puerto Princesa Tower at least 24 hours prior.
5	094442.53N 1184504.11E	A321, A320, and lower category aircraft	All aircraft may taxi-in with power to the respective bay assignment and must be assigned by wing marshals/walkers.
6	094442.47N 1184505.58E	A321, A320, and lower category aircraft	

Note: Parking bay number 1 is designated for General Aviation flights.

3. Taxiing - limitations

- 3.1 Arrival
- a. Aircraft may taxi-in either TWY A or TWY B towards their intended parking bay.
 - b. While taxiing, flight crew must contact Puerto Princesa Tower for parking bay assignment.
 - c. All aircraft may taxi-in with power to the respective parking bay assignments and must be assisted by wing marshals/walkers.

- 3.2 Departure
- a. Clearance must be obtained from Puerto Princesa Tower prior commencing pushback of any aircraft including taxiing out with power of aircraft parked on all parking bays.
 - b. All aircraft pushback and tow-out operation shall be with wing walkers.
 - c. All departing large category aircraft such as B737, A320 and bigger shall take TWY A for taxiing out due to Military safety and security concerns near TWY B.

RPVP AD 2.24 CHARTS RELATED TO AN AERODROME

TITLE	PAGE
Area Chart	RPVP AD CHART 2 - 1
Standard Departure Chart - Instrument - ICAO (RWY 09 - DABOY1, SAIRA1)	RPVP AD CHART 2 - 3
Standard Departure Chart - Instrument - ICAO (RWY 09 - MARIN1)	RPVP AD CHART 2 - 5
Standard Departure Chart - Instrument - ICAO (RWY 27 - DABOY3, MARIN3)	RPVP AD CHART 2 - 7
Standard Departure Chart - Instrument - ICAO (RWY 27 - SAIRA3)	RPVP AD CHART 2 - 9
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 09)	RPVP AD CHART 2 - 11
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 27 - DABOY1W, MARIN1W, NOMYO1W, SAIRA1W)	RPVP AD CHART 2 - 15
Standard Departure Chart - Instrument - ICAO (RNP SID RWY 27 - DABOY3W, MIKEL1W)	RPVP AD CHART 2 - 19
Standard Arrival Chart - Instrument - ICAO (RWY 27)	RPVP AD CHART 2 - 21
Standard Arrival Chart - Instrument - ICAO (RNP STAR RWY 27)	RPVP AD CHART 2 - 23
Instrument Approach Chart - ICAO (ILS OR LOC RWY 27)	RPVP AD CHART 2 - 27
Instrument Approach Chart - ICAO (VOR RWY 27)	RPVP AD CHART 2 - 28
Instrument Approach Chart - ICAO (RNP RWY 27)	RPVP AD CHART 2 - 29
Instrument Approach Chart (VPT RWY 09)	RPVP AD CHART 2 - 31
Traffic Circuit Chart (RWY 09)	RPVP AD CHART 2 - 32
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