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ROYAL GOVERNMENT OF BHUTAN
DEPARTMENT OF AIR TRANSPORT
AERONAUTICAL INFORMATION SERVICE
Paro International Airport

**AIRAC
AIP**

Amendment 01/2022
21 April 2022

EFFECTIVE DATE: 21 APR 2022

1. SIGNIFICANT INFORMATION AND CHANGES

- 1.1 Establishment of Control Zone (CTR) at VQPR

2. HAND AMENDMENTS

AIP Page Nr.	Para/Row/Column/Line Nr.	Hand Amendment

3. RECORD ENTRY OF HAND AMENDMENT ON GEN 0.5-1

4. INSERT THE FOLLOWING ATTACHED PAGES. THESE ARE MARKED WITH ASTERISKS IN THE CHECKLIST OF PAGES GEN0.4-1 & 0.4-2

Pages to be removed		Pages to be Inserted	
Page Number	Date	Page Number	Date
GEN 0.4 -1	30-Dec-21	GEN 0.4-1	21-Apr22
GEN 0.4-2	30-Dec-21	GEN 0.4-2	21-Apr-22
GEN 3.3-1	23-Apr-21	GEN 3.3-1	21-Apr-22
AD 2.1-VQPR-7	30-Dec-21	AD 2.1-VQPR-7	21-Apr-22
AD 2.1-VQPR-8	23-Apr-20	AD 2.1-VQPR-8	21-Apr-22

5. NEW OR REVISED INFORMATION IS INDICATED EITHER BY A HORIZONTAL ARROW OR A VERTICAL LINE.

6. RECORD ENTRY OF AMENDMENT ON GEN 0.2-1

7. THIS AMENDMENT INCORPORATES INFORMATION CONTAINED IN THE FOLLOWING AIP SUPPLEMENTS AND NOTAM WHICH ARE HEREBY SUPRESEDED:

NOTAM: A0010/22

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GEN 0.4 CHECKLIST OF AIP PAGES

<i>Page</i>	<i>Date</i>	<i>Page</i>	<i>Date</i>	<i>Page</i>	<i>Date</i>
PART 1 - GENERAL (GEN)		GEN 3		1.14-1	01 Mar 18
GEN 0		3.1-1	01 Mar 18	1.14-2	30 Dec 21
0.1-1	23 Apr 20	3.1-2	01 Mar 18	1.14-3	30 Dec 21
0.1-2	23 Apr 20	3.1-3	01 Mar 18	1.14-4	01 Mar 18
0.1-3	23 Apr 20	3.1-4	01 Mar 18	1.14-5	01 Mar 18
0.2-1	01 Mar 18	3.2-1	01 Mar 18	1.14-6	01 Mar 18
0.3-1	01 Mar 18	*3.3-1	21 Apr 22		
*0.4-1	21 Apr 22	3.4-1	01 Mar 18	ENR 2	
*0.4-2	21 Apr 22	3.4-2	01 Mar 18	2.1-1	01 Mar 18
0.5-1	01 Mar 18	3.4-3	01 Mar 18	2.2-1	01 Mar 18
0.6-1	01 Mar 18	3.4-4	01 Mar 18		
0.6-2	01 Mar 18	3.5-1	01 Mar 18	ENR 3	
		3.5-2	01 Mar 18	3.1-1	30 Dec 21
GEN 1		3.6-1	01 Mar 18	3.1-2	30 Dec 21
1.1-1	30 Dec 21			3.3-1	30 Dec 21
1.2-1	23 Apr 20	GEN 4			
1.2-2	23 Apr 20	4.1-1	01 Mar 18	ENR 4	
1.2-3	23 Apr 20	4.1-2	01 Mar 18	4.1-1	30 Dec 21
1.2-4	23 Apr 20	4.2-1	01 Mar 18	4.2-1	01 Mar 18
1.2-5	23 Apr 20			4.3-1	01 Mar 18
1.3-1	01 Mar 18	PART 2 - ENROUTE(ENR)		4.4-1	23 Apr 20
1.3-2	01 Mar 18	ENR 0			
1.3-3	01 Mar 18	0.6-1	01 Mar 18	ENR 5	
1.3-4	01 Mar 18			5.1-1	01 Mar 18
1.4-1	23 Apr 20	ENR 1		5.2-1	01 Mar 18
1.4-2	23 Apr 20	1.1-1	30 Dec 21	5.6-1	01 Mar 18
1.5-1	23 Apr 20	1.1-2	30 Dec 21		
1.5-2	23 Apr 20	1.1-3	30 Dec 21	PART 3 - AERODROME (AD)	
1.6-1	30 Dec 21	1.1-4	01 Mar 18	AD 0	
1.6-2	30 Dec 21	1.1-5	01 Mar 18	0.6-1	01 Mar 18
1.7-1	30 Dec 21	1.1-6	01 Mar 18	0.6-2	01 Mar 18
1.7-2	30 Dec 21	1.1-7	01 Mar 18		
1.7-3	30 Dec 21	1.1-8	01 Mar 18	AD 1	
		1.1-9	01 Mar 18	1.1-1	01 Mar 18
GEN 2		1.2-1	30 Dec 21	1.1-2	01 Mar 18
2.1-1	30 Dec 21	1.3-1	30 Dec 21	1.2-1	01 Mar 18
2.1-2	30 Dec 21	1.3-2	01 Mar 18	1.3-1	01 Mar 18
2.2-1	01 Mar 18	1.4-1	23 Apr 20	1.4-1	01 Mar 18
2.2-2	01 Mar 18	1.5-1	01 Mar 18	1.5-1	30 Dec 21
2.2-3	01 Mar 18	1.6-1	01 Mar 18		
2.2-4	01 Mar 18	1.7-1	01 Mar 18	AD 2-VQBT	
2.2-5	01 Mar 18	1.7-2	01 Mar 18	AD 2.1-VQBT-1	01 Mar 18
2.2-6	01 Mar 18	1.8-1	01 Mar 18	AD 2.1-VQBT-2	01 Mar 18
2.2-7	01 Mar 18	1.9-1	01 Mar 18	AD 2.1-VQBT-3	30 Dec 21
2.2-8	01 Mar 18	1.10-1	30 Dec 21	AD 2.1-VQBT-4	30 Dec 21
2.2-9	01 Mar 18	1.10-2	30 Dec 21	AD 2.1-VQBT-5	01 Mar 18
2.3-1	01 Mar 18	1.11-1	01 Mar 18	AD 2.1-VQBT-6	01 Mar 18
2.3-2	01 Mar 18	1.12-1	01 Mar 18	AD 2.1-VQBT-7	01 Mar 18
2.4-1	01 Mar 18	1.12-2	01 Mar 18	AD 2.2-VQBT-1	01 Mar 18
2.5-1	01 Mar 18	1.12-3	01 Mar 18	AD 2.3-VQBT-1	01 Mar 18
2.6-1	01 Mar 18	1.13-1	30 Dec 21	AD 2.3-VQBT-2	01 Mar 18
2.6-2	01 Mar 18				
2.7-1	23 Apr 20				

GEN 0.4 CHECKLIST OF AIP PAGES

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AD 2-VQGP		3.1-1	01 Mar 18		
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AD 2.1-VQGP-2	01 Mar 18				
AD 2.1-VQGP-3	30 Dec 21				
AD 2.1-VQGP-4	30 Dec 21				
AD 2.1-VQGP-5	01 Mar 18				
AD 2.1-VQGP-6	01 Mar 18				
AD 2.2-VQGP -1	01 Mar 18				
AD 2.3-VQGP -1	01 Mar 18				
AD 2-VQPR					
AD 2.1-VQPR-1	30 Dec 21				
AD 2.1-VQPR-2	30 Dec 21				
AD 2.1-VQPR-3	30 Dec 21				
AD 2.1-VQPR-4	30 Dec 21				
AD 2.1-VQPR-5	30 Dec 21				
AD 2.1-VQPR-6	30 Dec 21				
*AD 2.1-VQPR-7	21 Apr 22				
*AD 2.1-VQPR-8	21 Apr 22				
AD 2.1-VQPR-9	23 Apr 20				
AD 2.1-VQPR-10	23 Apr 20				
AD 2.1-VQPR-11	23 Apr 20				
AD 2.1-VQPR-12	23 Apr 20				
AD 2.1-VQPR-13	23 Apr 20				
AD 2.2-VQPR-1	06 Dec 18				
AD 2.3-VQPR-1	01 Mar 18				
AD 2.3-VQPR-2	01 Mar 18				
AD 2.4-VQPR-1	06 Dec 18				
AD 2.4-VQPR-2	06 Dec 18				
AD 2.4-VQPR-3	06 Dec 18				
AD 2.5-VQPR-1	06 Dec 18				
AD 2.5-VQPR-2	06 Dec 18				
AD 2.6-VQPR-1	06 Dec 18				
AD 2.6-VQPR-2	06 Dec 18				
AD 2.6-VQPR-3	06 Dec 18				
AD 2.7-VQPR-1	06 Dec 18				
AD 2.7-VQPR-2	06 Dec 18				
AD 2.7-VQPR-3	06 Dec 18				
AD 2.8-VQPR-1	06 Dec 18				
AD 2.8-VQPR-2	06 Dec 18				
AD 2.8-VQPR-3	06 Dec 18				
AD 2.8-VQPR-4	06 Dec 18				
AD 2-VQTY					
AD 2.1-VQTY-1	01 Mar 18				
AD 2.1-VQTY-2	01 Mar 18				
AD 2.1-VQTY-3	01 Mar 18				
AD 2.1-VQTY-4	01 Mar 18				
AD 2.1-VQTY-5	01 Mar 18				
AD 2.1-VQTY-6	01 Mar 18				
AD 2.1-VQTY-7	01 Mar 18				
AD 2.2-VQTY-1	01 Mar 18				
AD 2.3-VQTY-1	01 Mar 18				

GEN 3.3 AIR TRAFFIC SERVICES

1. Responsible service.

- 1.1 Department of Air Transport is the responsible for the provision of Air traffic services within the area indicated under paragraph 2 below.
- 1.2 The services are provided in accordance with the provision contained in the following ICAO documents:
- ICAO Annex 2 - *Rules of the Air*;
 - ICAO Annex 11 - *Air Traffic Service*;
 - ICAO Doc 4444- *Procedure for Air Navigation Services*;
- *Air Traffic Management*
 - ICAO Doc.8168- *Procedures for Air Navigation Services*;
- *Aircraft Operations (PANS-OPS)*
 - ICAO Doc 7030 - *Regional Supplementary Procedures*.

Difference to these provisions are detailed in subsection GEN 1.7

2. Area of responsibility

- 2.1 Air traffic services are provided in the entire airspace over Bhutan.

Chief of ANSPD
Department of Air Transport
Ministry of Information & Communications
Paro: Bhutan
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3. Types of services

- 3.1 The following types of services are provided:
- Aerodrome Control Service
 - Aerodrome Flight Information Service (AFIS) and Alerting Service

4. Co-ordination between the operator and ATS

- 4.1 Co-ordination between the operator and air traffic services is affected in accordance with 2.17 of ICAO Annex 11 15th Edition.

5. Minimum flight altitude

- 5.1 The minimum flight altitude on the ATS routes, as presented in section ENR 3, have been determined so as to ensure at least 300 m (1 000 ft) and 600 m (2 000 ft) in mountain areas vertical clearance above the highest obstacle within 4 km on each side of the centre line of the route.

6. ATS unit address list

<i>Unit name</i>	<i>Telephone NR</i>	<i>Telefax NR</i>	<i>Telex NR</i>	<i>AFS address</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
<i>1. Paro Control Tower</i>	<i>975-8-272859 975-8-271945</i>	<i>975-8-272307</i>	<i>-</i>	<i>VQPRZTZX</i>
<i>2 Bumthang Control Tower</i>	<i>975-3-631718</i>	<i>975-3-631715</i>	<i>-</i>	<i>VQBTZTZX</i>
<i>3. Gelephu Control tower</i>	<i>975-6-251355</i>		<i>-</i>	<i>VQGPZTZX</i>
<i>4. Yonphula Control Tower</i>	<i>975-4-535802</i>	<i>975-4-535801</i>	<i>-</i>	<i>VQTYZTZX</i>

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VQPR AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	ABN/IBN location, characteristics and hours of operation	Not established
2	LDI location and LGT Anemometer location and LGT	LDI: 50 M NW and 700 M SW of ARP, unlighted Anemometer : 300 M from THR 15 and THR 33, unlighted
3	TWY edge and centre line lighting	NIL
4	Secondary power supply/switch-over time	Secondary power supply to all lighting at AD 500KVA Switch-over time : 60 sec
5	Remarks	NIL

VQPR AD 2.16 HELICOPTER LANDING AREA

1	Coordinates TLOF of THR of FATO	TO BE DEVELOPED
2	TLOF and/or FATO elevation M/FT	TO BE DEVELOPED
3	TLOF and FATO are dimensions, surface, strength, marking	TO BE DEVELOPED
4	True and MAG BRG of FATO	TO BE DEVELOPED
5	Declared distance available	TO BE DEVELOPED
6	APP and FATO lightning	TO BE DEVELOPED
7	Remarks	

VQPR AD 2.17 ATS AIRSPACE

1	Designation and lateral limits	Paro CTR : An area of a circle 10NM in radius of ARP (272411.23N 0892529.30E)
2	Vertical limits	14 5000 ft AMSL GND
3	Airspace classification	Class "D" and outside CTR Class "G"
4	ATS unit call sign Language(s)	PARO Tower English
5	Transition altitude	18 000 ft
6	Remarks	Two ways communication

VQPR AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	Callsign	Frequency	Hours of operation	Remarks
TWR	Paro Tower	120.3 Mhz (EXTN) 120.3 Mhz (STBY) 121.5 EMER. Freq.	HO	As per sked flight operations
RADIO	Paro Radio	8921 Khz 13342 Khz	HO	-do-

VQPR AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aid, CAT of ILS/MLS (for VOR/ILS/MLS, give VAR)	ID	Frequency	Hours of operation	Site of transmitting antenna coordinates	Elevation of DME transmitting antenna	Remarks
DVOR/DME	PRO	108.4 MHz	HO	7.7 NM south of aerodrome 271801.93N 0893018.19E	3 469M	DME Channel 21X

VQPR 2.20 LOCAL TRAFFIC REGULATIONS

1. Airport regulations

- 1.1 At Paro Airport a number of local regulations apply, in accordance with ICAO Annex 2,11,14 Doc. 4444. See GEN 1.2.
- 1.2 Marshaller assistance can be requested.
- 1.3 When a local regulation is of importance for the safe operation of aircraft on the apron, the information will be given to each aircraft by the TWR on VHF R/T.

2. Taxiing to and from stands.

- 2.1 Arriving aircraft will be allocated a stand number by the TWR
- 2.2 Assistance from the "FOLLOW ME" vehicle can be requested from the TWR.
- 2.3 Departing flights shall contact the TWR to obtain ATC and ADC clearance before commencing Pushback & Start up. Request for ATC clearance may take place at the earliest 5 minutes prior to Pushback & start-up. Frequency 120.3Mhz is to be used. Departing aircraft shall obtain taxi instruction from Paro TWR on 120.3 Mhz.
- 2.4 Aircraft shall perform pushback & start up on Taxiway "T" facing either North or South depending on the runway in use.
- 2.6 In order to maintain Runway Occupancy Time (ROT), aircraft shall not be permitted to pushback & start up on runway.

3. Parking for small aircraft (General aviation)

General aviation small aircraft shall be guided by marshallers to the parking area.

4. Parking area for helicopters

The parking area for helicopters will always be guided by a marshaller on the stand or on R/T from TWR.

5. Apron Taxiing during winter conditions

"Follow me" vehicle can be provided on request.

6. Taxiing Limitations

No limitations

7. School and Training Technical test flight – use of runways

Subject to permission from tower

8 Helicopter traffic

8.1 Request ARO during the hours of service and, if possible, not later than 24 hrs before the flight is to be carried out.

8.2 Any request for approval of traffic shall contain the following information:

- a) Owner/Operator
- b) Type of helicopter, registration/call sign
- c) Date, arrival time/departure time, destination(s).

8.3 Helicopter Holding Area

Sl.	Radial from VQPR ARP	Visual reference point	Distance from VQPR ARP	Routing via	Holding Area Name
1	010	Shari	5NM	Thimphu and Linzhi	PAPA 1
2	320	Drugyel Dzong	10 NM	Gunitshawa, Damthang, seo,	PAPA 2
3	248	Haa	7 NM	Haa, Damthang	PAPA 3
4	150	Abeam Chapcha & Dawakha	9 NM	Chuka	PAPA 4
5	105	Abeam Sisina	7 NM	Thimphu	PAPA 5