

## AD 2. AERODROME

### VNBP AD 2.1 AERODROME LOCATION INDICATOR AND NAME

**VNBP – BHARATPUR/Domestic**

### VNBP AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1.	ARP Coordinates and site at AD	27 40 41 N 084 25 46 E*
2.	Direction and Distance from (city)	Close to the City, South East of Bharatpur City
3.	Elevation/Reference, Temperature	208.4 m. /683 .6 ft.
4.	MAG VAR/Annual Change	0 ° E
5.	AD Administration, address Telephone, Telefax, Telex AFS	Civil Aviation Authority of Nepal Bharatpur Civil Aviation Office, Bharatpur, Chitwan Tel - 977-056-520254 Fax - 977-056-526573 AFS - VNBPYDYX
6.	Types of traffic permitted (IFR/VFR)	VFR
7.	Remarks	-

### VNBP AD 2.3 OPERATIONAL HOURS

1.	AD Administration	SUN-THU	10:00 -17:00 LT (SUMMER), 10:00-1600 LT (WINTER)
		FRI	10:00-1500 LT
2.	Customs and immigration	NIL	
3.	Health and sanitation	NIL	
4.	AIS Briefing Office	NIL	
5.	ATS Reporting Office (ARO)	NIL	
6.	MET Briefing	NIL	
7.	ATS	<b>1) From 16 Feb - 15 Nov</b>	
		<b>1<sup>st</sup> Shift</b>	<b>2<sup>nd</sup> Shift</b>
		0015 UTC - 0630 UTC	0630 UTC - 1245 UTC
		<b>2) From 16 Nov - 15 Feb</b>	
		<b>1<sup>st</sup> Shift</b>	<b>2<sup>nd</sup> Shift</b>
		0045 UTC - 0630 UTC	0630 UTC - 1215 UTC
8.	Fuelling	NIL	
9.	Handling (Cargo)	NIL	
10.	Security	H-24	
11.	Remarks	Any change will be notified via NOTAM	

\* WGS 84 Coordinates

#### **VNBP AD 2.4 HANDLING SERVICES AND FACILITIES**

1.	Cargo-handling facilities	Available with local airlines operator
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	-

#### **VNBP AD 2.5 PASSENGER FACILITIES**

1.	Hotels	in the city
2.	Restaurants	in the city
3.	Transportation	Taxi Service, Rickshaw from AD
4.	Medical Facilities	First Aid at AD, Hospitals in the city.
5.	Bank and Post Office	NIL
6.	Tourist Office	In the city.
7.	Remarks	-

#### **VNBP AD 2.6 RESCUE AND FIRE FIGHTING SERVICE**

1.	AD category for fire fighting	Nil
2.	Rescue equipment	Available
3.	Capability for removal of disabled aircraft	Nil
4.	Remarks	MFT (Sides) and wheel type of fire extinguishers available.

#### **VNBP AD 2.7 SEASONAL AVAILABILITY**

Aerodrome is available throughout the year.

#### **VNBP AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATION DATA**

1.	Apron surface and strength	Surface - Asphalt Concrete, Strength - ...
2.	Taxiway width, surface and strength	Width - 20m      Surface – Bitumen, Strength - ...
3.	Altimeter check point location and elevation	Location: - At Apron Elevation:- 209.6 m /689 ft.
4.	VOR/INS checkpoints	NIL.
5.	Remarks	-

## VNBP 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 intersections with TWY and RWY and at holding positions. Guide lines at apron.
2.	RWY and TWY markings and LGT	RWY: 15/33 THR, TDZ, Center line, RWY edge marked. TWY: Center line, holding positions at TWY/RWY intersection marked
3.	Stop bars	.....
4.	Remarks	-

## VNBP AD 2.10 AERODROME OBSTACLES

In area 2					
OBST ID/ Designation	Obstacle type	Obst. position	ELEV/HGT	Markings/Type color	Remarks
a	b	c	d	e	f
-	-	-	-	-	-

## VNBP AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1.	Associated MET Office	---
2.	Hours of service MET office outside hours	NA
3.	Office responsible for TAF preparation periods of validity	NIL
4.	Type of landing forecast interval of issuance	NIL
5.	Briefing/Consultation provided	NIL
6.	Flight documentation language(s) used	NIL
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	Bharatpur TWR
10.	Additional information (limitation of service, etc.)	----

## VNBP AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designation RWY NR	TRUE & MAG BRG	Dimensions of RWY (M)	Strength(PCN) and surface of RWY and SWY	THR Coordinates, RWY END Coordinates	THR elevation
1	2	3	4	5	6
15	152°	1200x30	Asphalt	274054.22N* 0842531.32E 274054.11N* 0842531.31E	208.4 m (683.6 ft.)
33	332°	1200x30	Asphalt	274020.16N* 0842552.85E 274020.05N* 0842552.85E	206.7 m (678 ft.)
Slope of RWY-SWY	SWY Dimensions (M)	CWY Dimensions (M)	Strip Dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
- 0.15	.....	.....	1290x150	.....	.....

## VNBP AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
15	1190	1190	1190	1135	
33	1194	1194	1194	1085	

## VNBP AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT color WBAR	VASIS PAPI	TDZ LGT LEN	RWY Center Line LGT Length, spacing color, INTST	RWY edge LGT LEN, spacing color INTST	RWY End LGT color	SWY LGT LEN (M) color	Remarks
15	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL	
33	NIL	RTIL Flashing White	NIL	NIL	NIL	NIL	RED	NIL	

## VNBP AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	ABN Location, characteristics and hours of operation	ABN : at Tower Building.
2.	LDI Location and LGT Anemometer Location and LGT	LDI: Anemometer:
3.	TWY edge and Centre line lighting	Edge: NIL Centre Line : NIL
4.	Secondary power supply / switch over time	Available.
5.	Remarks	

\* WGS 84 Coordinates

### VNBP AD 2.16 HELICOPTER LANDING AREA

Not specified

### VNBP AD 2.17 ATS AIRSPACE

1. Designation and lateral limits	<u>Bharatpur CTR</u> : An area of a circle, 10 NM in radius centered at 'ARP' (274041N, 0842546E*) <u>Bharatpur ATZ</u> : An area of a circle, 5 NM in radius centered at 'ARP'	
2. Vertical Limits	CTR:	ATZ
	<u>7500' AMSL</u> GND	<u>2000' AGL</u> GND
3. Airspace classification	C	
4. ATS units call sign/languages(s)	Bharatpur TWR/English	
5. Transition Altitude	13500' AMSL	
6. Remarks	-	

### VNBP AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	Call Sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
TWR	Bharatpur Tower	122.3 MHZ	As ATS	

### VNBP AD 2.19 RADIO NAVIGATION AND LANDING AID

Type of Aid MAG VAR				Position of Transmitting Antenna Coordinates	Elevation of DME Transmitting Antenna	Remarks
Type of supported OP (for VOR/ILS/MLS give declinations)	ID	Frequency	OPR Hours			
1	2	3	4	5	6	7
NIL						

### VNBP AD 2.20 LOCAL TRAFFIC REGULATIONS

To be Developed

\* WGS 84 Coordinates

**VNBP AD 2.21 NOISE ABATEMENT PROCEDURES**

**NIL**

**VNBP AD 2.22 FLIGHT PROCEDURES**

To be developed

## **VNBP AD 2.23 ADDITIONAL INFORMATION**

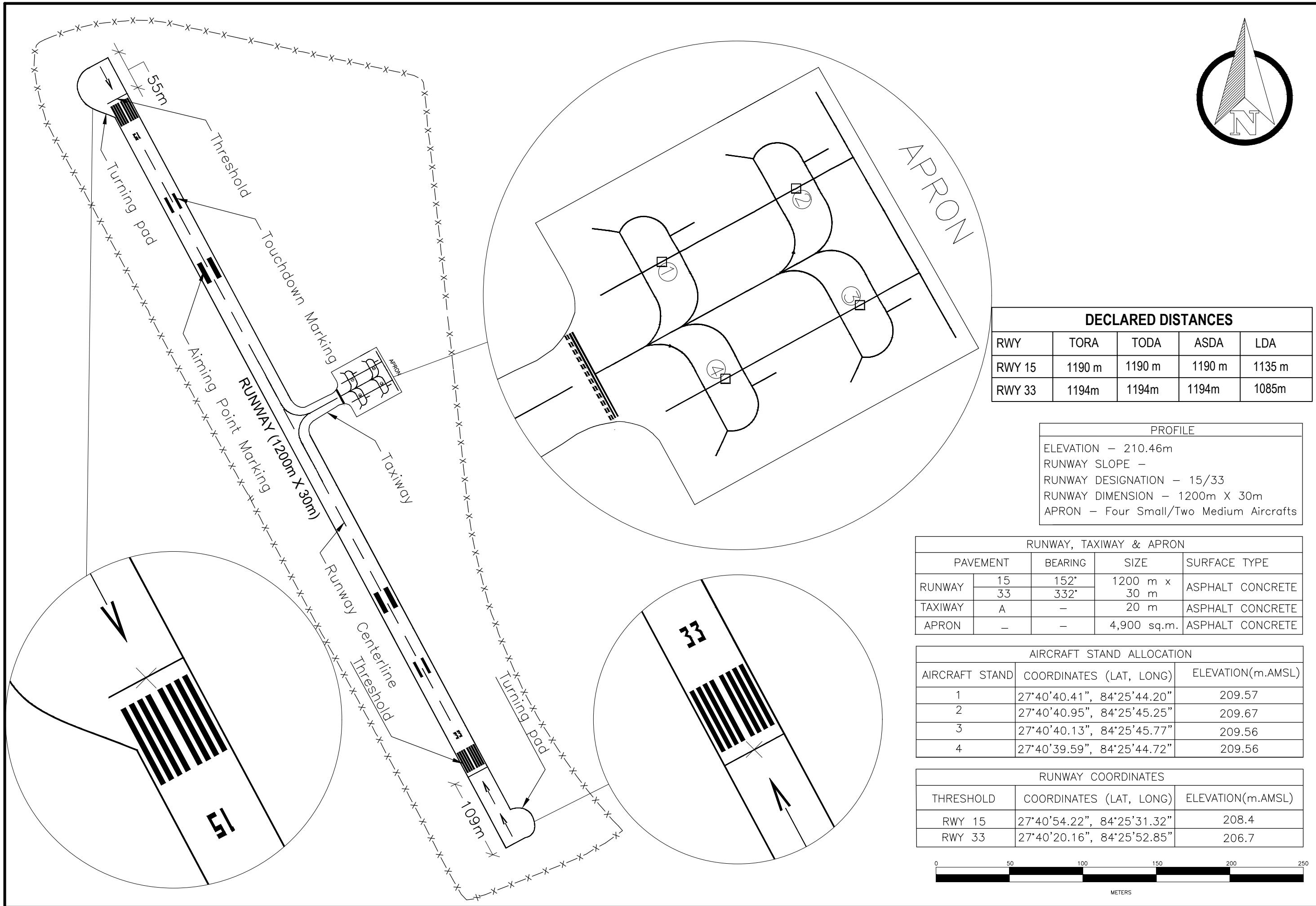
### **1. Bird Activity**

- a) Sometimes cases of bird concentrations in the vicinity of aerodrome may be encountered.
- b) No Special procedures have been adopted to control these bird concentrations except driving them through guards and security personnel.

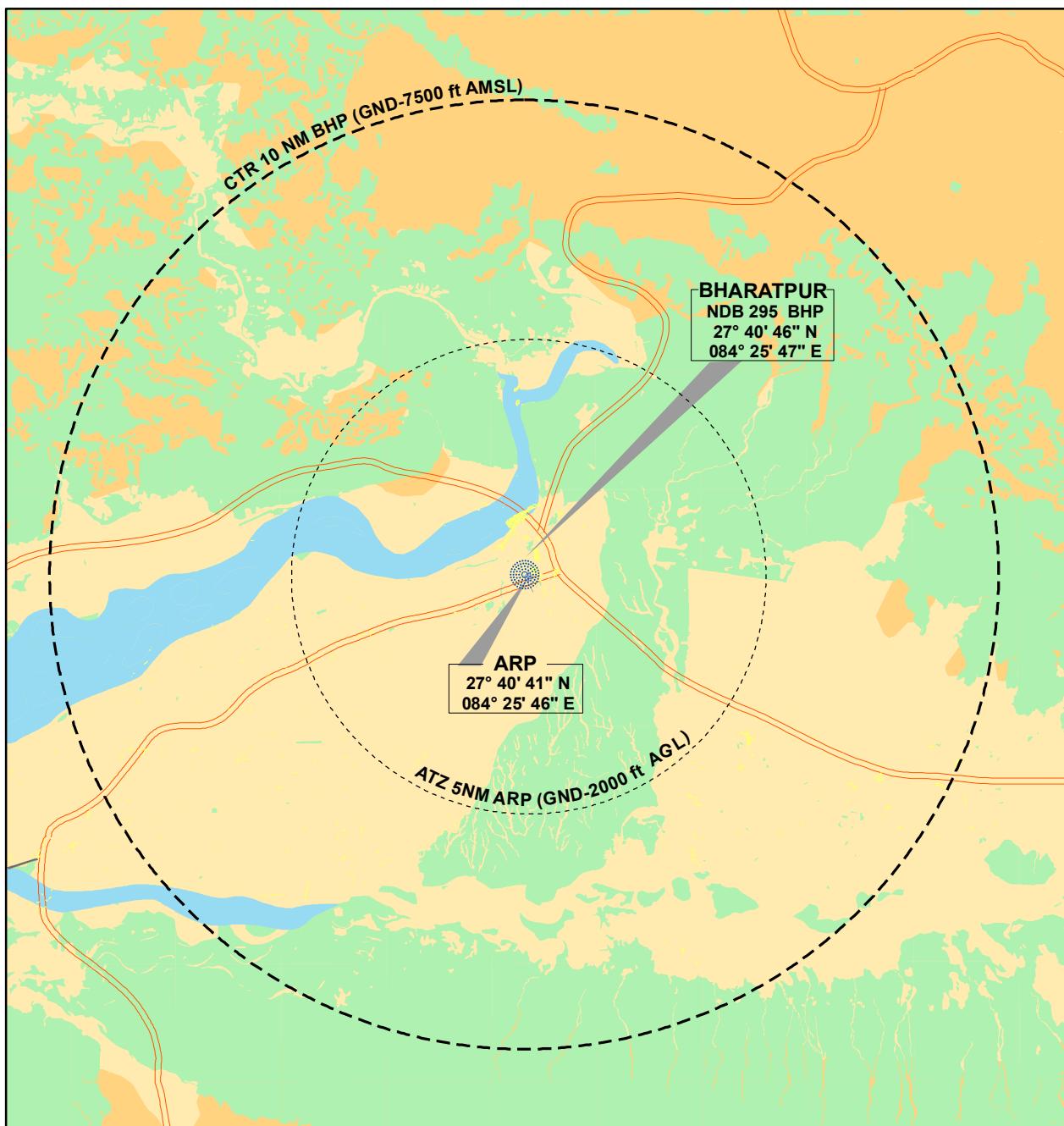
**VNBP AD 2.24 CHARTS RELATED TO BHARATPUR AIRPORT**

Aerodrome Chart	VNBP AD 2-10
CTR and ATZ	VNBP AD 2-11
VFR Holdings	VNBP AD 2-12

## AERODROME CHART OF BHARATPUR AIRPORT

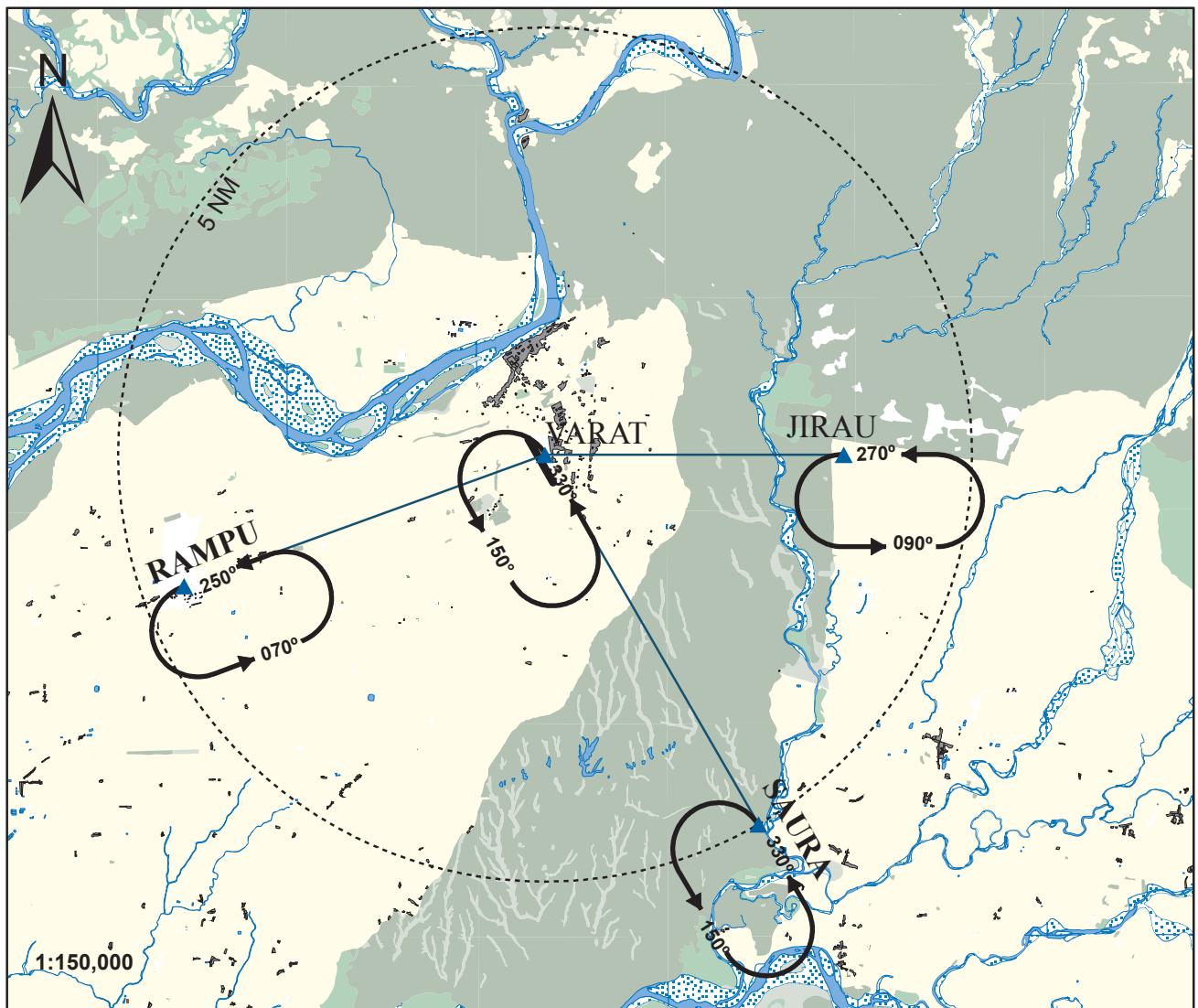


# BHARATPUR CTR and ATZ



Airspace	Lateral Dimension	Vertical Limit
Aerodrome Traffic Zone (ATZ)	5 NM RADIUS OF ARP	<u>2000 ft AGL</u> GND
Control Zone (CTR)	10 NM RADIUS OF NDB BHP	<u>7500 ft AMSL</u> GND

## Bharatpur VFR Holdings



### Holding Details:

Location	Name of Holding	Bearing and Distance from ARP	Holding Altitude (ft)	Visual Reference	Remarks
South	'SAURA'	150° / 5 NM	2000/3000	River Junction	Left Hand
West	'RAMPŪ'	250° / 4.5 NM	2000/3000	Rampur campus	Left Hand
East	'JIRAU'	090° / 3.5 NM	2000/3000	Forest Junction	Left Hand
O/H	'VARAT'	-----	2000/3000	Runway/Tower	Left Hand

Note: - 1. Holding shall be used during VMC only

2. Obstacle clearance shall be of pilot's responsibility

3. JIRAU and RAMPŪ hold can be used simultaneously at same level. Rest holdings are not laterally separated