

AD 2. AERODROMES**VIPT AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

VIPT - PANTNAGAR / DOMESTIC

VIPT AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA

1	Aerodrome reference point coordinates and its site	290156N 0792821E On a magnetic bearing 108 DEG/725M from physical extremity of runway 10.
2	Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves	16.2NM SSW of Haldwani
3	Aerodrome elevation and reference temperature	770 FT / 34.6 DEG C
4	Magnetic variation, date of information and annual change	0.75 DEG E (2010) /0.016 DEG E
5	Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)	Airports Authority of India, Pantnagar Airport, Pantnagar - 263145 Dist. Udham Singh Nagar Uttarakhand
	Telephone:	+91-5944-233685 +91-5944-233732
	Fax:	+91-5944-233103
	AFS:	VIPTYHYX
	Email:	apd_vipt@aai.aero
6	Types of traffic permitted (IFR/VFR)	IFR/VFR
7	Remarks	NIL

VIPT AD 2.3 OPERATIONAL HOURS

1	Aerodrome Operator	MON-FRI 0400-1230 UTC (0930-1800 IST) SAT, SUN & HOL: NIL
2	Custom and immigration	
3	Health and sanitation	
4	AIS briefing office	As ATS
5	ATS reporting office (ARO)	As ATS
6	MET Briefing office	0730-1330 IST DAILY (0200-0800 UTC)
7	Air Traffic Service	As ATS
8	Fuelling	Refuelling not AVBL
9	Handling	NIL
10	Security	As ATS
11	De-icing	NIL
12	Remarks	i. Outside of ATS hour services are available O/R with 24 HR PN to AD. ii.All Flights to obtain positive clearance for parking space before departure to Pantnagar.
	ATS approved hourly runway traffic handling capacity	i. Maximum number of arrival and departure- 04 ii.Maximum number of arrival only – 02 iii.Maximum number of departure only -02

VIPT AD 2.4 HANDLING SERVICES AND FACILITIES

1	Cargo-handling facilities	NIL
2	Fuel and Oil types	NIL
3	Fuelling facilities and capacity	Refuelling not AVBL
4	De-icing facilities	NIL
5	Hangar space for visiting aircraft	NIL
6	Repair facilities for visiting aircraft	NIL
7	Remarks	NIL

VIPT AD 2.5 PASSENGER FACILITIES

1	Hotel(s) at or in the vicinity of aerodrome	In City
2	Restaurant(s) at or in the vicinity of aerodrome	In City
3	Transportation possibilities	Taxi available
4	Medical Facilities	Hospital at Rudrapur / City
5	Bank and post office at or in the vicinity of aerodrome	Banks: In city Post office: In city
6	Tourist office	NIL
7	Remarks	NIL

VIPT AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	Aerodrome category for fire fighting	Within ATS HR: CAT-4
2	Rescue equipment	Available as per category.
3	Capability for removal of disabled aircraft	NIL
4	Remarks	NIL

VIPT AD 2.7 SEASONAL AVAILABILITY CLEARING

1	Type(s) of clearing equipment	NIL
2	Clearance priorities	NIL
3	Remarks	NIL

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

1	Designation, surface and strength of aprons	Designator: APRON Surface: Macadam Strength: PCN 20/F/C/W/T
2	Designation, width, surface and strength of taxiways	Designator: TWY Width: 15 M Surface: Strength:
3	Location and elevation of altimeter checkpoints	Location: --- Elevation: ---
4	Location of VOR checkpoints	
5	Position of INS checkpoints	
6	Remarks	APRON DIMENSION 90M X 94M

VIPT AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1	Use of aircraft stand identification signs, taxiway guidelines and visual docking/parking guidance system at aircraft stands	NIL
2	Runway and taxiway markings and lights	RWY Markings: Designator, THR, Centreline, Edge. Lighting: NIL TWY Markings: Centreline Lighting: NIL
3	Stop bars (if any)	NIL
4	Remarks	

VIPT AD 2.10 AERODROME OBSTACLES

In Approach/Take-off/Circling Area and at AD					
1	2	3	4	5	6
RWY/Area affected	Obstacle type	Coordinates	Elevation	Marking/LGT	Remarks
28/TKOF 10/APCH	WALL	290204.1N 0792750.0E	774 FT	NIL	Airport Boundary wall with F/T
28/TKOF 10/APCH	OTHER	290203.7N 0792753.3E	768 FT	LGTD	Approach Light
28/TKOF 10/APCH	TREE	290206.0N 0792746.6E	817 FT	NIL	Group of Trees
28/TKOF 10/APCH	TREE	290204.0N 0792738.7E	824 FT	NIL	Tree
28/TKOF 10/APCH	TREE	290209.8N 0792736.6E	837 FT	NIL	Group of Trees
28/TKOF 10/APCH	TREE	290204.0N 0792732.5E	844 FT	NIL	Group of Trees
28/TKOF 10/APCH	TREE	290207.7N 0792726.0E	849 FT	NIL	Group of Trees
28/TKOF 10/APCH	TREE	290211.4N 0792720.2E	838 FT	NIL	Group of Trees
28/TKOF 10/APCH	TREE	290208.4N 0792716.2E	843 FT	NIL	Group of Trees
28/APCH 10/TKOF	TREE	290159.1N 0792850.2E	840 FT	NIL	Tree
28/APCH 10/TKOF	OTHER	290158.6N 0792850.4E	783 FT	NIL	Mobile Road Traffic
28/APCH 10/TKOF	WALL	290159.5N 0792850.7E	775 FT	NIL	Airport Boundary wall Top
28/APCH 10/TKOF	TREE	290158.4N 0792854.0E	809 FT	NIL	Group of Trees
28/APCH 10/TKOF	TREE	290158.8N 0792858.3E	829 FT	NIL	Group of Trees
28/APCH 10/TKOF	TREE	290153.8N 0792853.1E	808 FT	NIL	Tree
28/APCH 10/TKOF	OTHER	290153.1N 0792854.3E	785 FT	NIL	Mobile Road Traffic
28/APCH 10/TKOF	POLE	290155.9N 0792857.1E	787 FT	NIL	Electric Pole
28/APCH 10/TKOF	POLE	290157.1N 0792858.3E	789 FT	NIL	Electric Pole

In Approach/Take-off/Circling Area and at AD					
1	2	3	4	5	6
RWY/Area affected	Obstacle type	Coordinates	Elevation	Marking/LGT	Remarks
28/APCH 10/TKOF	TREE	290155.4N 0792900.4E	814 FT	NIL	Tree
28/APCH 10/TKOF	TREE	290151.3N 0792901.3E	832 FT	NIL	Group of Trees
28/APCH 10/TKOF	TREE	290150.8N 0792905.3E	840 FT	NIL	Group of Trees
28/APCH 10/TKOF	TREE	290152.8N 0792911.9E	854 FT	NIL	Group of Trees
In circling area and at AD	TREE	290205.8N 0792805.2E	819 FT	NIL	Tree
In circling area and at AD	TREE	290156.1N 0792753.8E	858 FT	NIL	Group of Trees
In circling area and at AD	TREE	290157.2N 0792749.4E	874 FT	NIL	Group of Trees
In circling area and at AD	TREE	290158.7N 0792743.4E	862 FT	NIL	Group of Trees
In circling area and at AD	TREE	290159.8N 0792750.2E	814 FT	NIL	Tree
In circling area and at AD	TREE	290207.1N 0792753.1E	832 FT	NIL	Group of Trees
In circling area and at AD	TREE	290159.8N 0792739.3E	864 FT	NIL	Group of Trees
In circling area and at AD	TREE	290210.5N 0792745.4E	852 FT	NIL	Group of Trees
In circling area and at AD	TREE	290152.0N 0792843.9E	826 FT	NIL	Group of Trees
In circling area and at AD	TREE	290152.7N 0792849.7E	824 FT	NIL	Group of Trees
In circling area and at AD	TREE	290203.8N 0792856.7E	858 FT	NIL	Group of Trees
In circling area and at AD	TREE	290202.8N 0792904.8E	854 FT	NIL	Group of Trees
In circling area and at AD	TREE	290150.0N 0792855.0E	829 FT	NIL	Group of Trees
In circling area and at AD	TREE	290201.0N 0792846.2E	846 FT	NIL	Group of Trees

VIPT AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1	Name of the associated meteorological office	Met Office Pantnagar
2	Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours	As ATS
3	Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts	NIL
4	Availability of the trend forecast for the aerodrome and interval of issuance	NIL
5	Information on how briefing and/or consultation is provided	NIL
6	Types of flight documentation supplied and language(s) used in flight documentation	English
7	Charts and other information displayed or available for briefing or consultation	NIL
8	Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images;	NIL
9	The air traffic services unit(s) provided with meteorological information	VIPT MET Briefing office
10	Additional information, e.g. concerning any limitation of service.	

VIPT AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations	TRUE Bearings	Dimensions of RWY (M)	Strength of pavement (PCN) and associated data) and surface of runway and associated stopways	Geographical coordinates for threshold and runway end
1	2	3	4	5
10	97.75 DEG	1372 x 30 M	16/F/C/W/T	THR: 290203.40N 0792755.50E
28	277.75 DEG	1372 x 30 M	16/F/C/W/T	THR: 290157.30N 0792845.80E

THR elevation and highest elevation of TDZ of precision APP RWY	Slope of runway and associated stopway	Dimensions of stopway (M)	Dimensions of clearway (M)	Dimensions of strips (M)
6	7	8	9	10
THR: 767.0FT TDZ:	0.22%	NIL	NIL	1492 x 150 M
THR: 770.0FT TDZ:	-0.22%	NIL	NIL	1492 x 150 M

Dimensions of runway end safety areas	Location and description of arresting system (if any)	Existence of an obstacle-free zone	Remarks.
11	12	13	14
90M x 60M			NIL
90M x 60M			NIL

VIPT AD 2.13 DECLARED DISTANCES

RWY Designator	Take-off run available TORA (M)	Take-off distance available TODA (M)	Accelerate distance available ASDA (M)	Landing distance available LDA (M)	Remarks (including runway entry or start point where alternative reduced declared distances have been declared)
1	2	3	4	5	6
10	1372	1372	1372	1372	
28	1372	1372	1372	1372	

VIPT AD 2.14 APPROACH AND RUNWAY LIGHTING

Runway Designator	Type, length and intensity of approach lighting system	Runway threshold lights, colour and wing bars	Type of visual slope indicator system	Length of runway touchdown zone lights
1	2	3	4	5
10	SALS 240 M LIH			
28				

Length, spacing, colour and intensity of runway centre line lights	Length, spacing, colour and intensity of runway edge lights	Colour of runway end lights and wing bars	Length and colour of stopway lights	Remarks
6	7	8	9	10
	1097 M 60 M (when one circuit in OPS) 30M (when both circuit in OPS) Variable White LIM			One Cross Bar of 30m width at distance 180m FM THR RWY 10.
	1097 M 60 M (when one circuit in OPS) 30M (when both circuit in OPS) Variable White LIM			NIL

VIPT AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any)	ABN	
		IBN	
2	Location and lighting (if any) of anemometer/landing direction indicator;	LDI	NIL
		Anemometer	NIL
3	Taxiway edge and taxiway centre line lights;	Edge	
		Centre Line	
4	Secondary power supply including switch-over time;	Secondary Power supply for VHF and NDB.	
5	Remarks		

VIPT AD 2.16 HELICOPTER LANDING AREA

1	Geographical coordinates of the geometric centre of touchdown and lift-off (TLOF) or of each threshold of final approach and take-off (FATO) area	Not Established
2	TLOF and/or FATO area elevation:	Not Established
3	TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;	Not Established
4	True bearings of FATO;	Not Established
5	Declared distances available	Not Established
6	Approach and FATO lighting;	Not Established
7	Remarks	Not Established

VIPT AD 2.17 AIR TRAFFIC SERVICE AIRSPACE

1	Airspace designation, geographical coordinates and lateral limits	CTR: Circular area centered on 290152N 0792825E within a 10NM radius.
2	Vertical limits	6500 FT
3	Airspace classification	D
4	Call sign and language(s) of the air traffic services unit providing service;	Pantnagar Tower, English
5	Transition altitude	11000 FT
6	Hours of applicability	As ATS
7	Remarks	NIL

VIPT AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES

Service Designation	Call sign	Channel(s)	SATVOICE Number(s), if available
1	2	3	4
TWR	Pantnagar Tower	122.300 MHZ	

Logon address, as appropriate	Hours of operation	Remarks
5	6	7
	AS ATS	NIL

VIPT AD 2.19 RADIO NAVIGATION AND LANDING AIDS

Type of aids, magnetic variation and type of supported operation for ILS/MLS, basic GNSS, SBAS and GBAS, and for VOR/ILS/MLS station used for technical lineup of the aid	Identification	Frequency(ies), Channel number(s), Service provider, and reference path identifier(s) (RPI), as appropriate	Hours of operation, as appropriate;
1	2	3	4
NDB	HW	400 kHz	AS ATS
Geographical coordinates of the position of the transmitting antenna	Elevation of transmitting antenna of DME/ elevation of GBAS reference point	Service volume radius from the GBAS reference point	Remarks
5	6	7	8
290152.1N 0792825.3E			

VIPT AD 2.20 LOCAL AERODROME REGULATIONS

- i. HJ DLY EXC SUN training flights in progress in the local flying area covering 5NM around Pantnagar airfield.
Lower Limit: GND
Upper limit: 2000FT.

VIPT AD 2.21 NOISE ABATEMENT PROCEDURES

VIPT AD 2.22 FLIGHT PROCEDURES

VIPT AD 2.23 ADDITIONAL INFORMATION

- i. Lighted windsock AVBL at 290155N0792826E, appx 50m SW from ARP.
ii. Pilot to EXER CTN while landing and take-off due bird menace.
iii. Wild animals are occasionally spotted in the operational area, Pilot to EXER CTN while landing and take-off.
iv. Trees are penetrating in the obstacle limiting surfaces of RWY 28/10. Pilot to EXER CTN while landing and take off

VIPT AD 2.24 CHARTS RELATED TO AN AERODROME

1. NDB Procedure RWY 10

INSTRUMENT APPROACH CHART

Aerodrome Elev 770Ft
Height related to:
THR RWY 10-Elev 767Ft

TWR 122.3

PANTNAGAR
INDIA
NDB RWY 10
(Cat A/B)

