

AD 2. AERODROMES**VANP 2.1 AERODROME LOCATION INDICATOR AND NAME****VANP - NAGPUR / INTERNATIONAL****VANP AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

1.	ARP coordinates and site at AD	210530.7N 0790253.8E, 129°/118M from intersection of RWY.	
2.	Direction and distance from (city)	214°, 08KM from Nagpur	
3.	Elevation/Reference temperature	314.90M (1033FT)/43°C	
4.	MAG VAR/Annual change	1.1°W (1985)/0.02 decreasing	
5.	AD Administration, address, telephone, telefax, telex, AFS	Airports Authority of India, Airport Director Nagpur Airport, Nagpur -440005.	
		Tel	0712-2288002, 2288001(o)
		Fax	0712-2288007, 2288011
		Mobile	09823078942
		AFS	VANPYHYX
	E-Mail	apdnpaai@nagpur.net.in	
6.	Types of traffic permitted (IFR/VFR)	IFR/VFR	
7.	Remarks	DGCA License No. AL/Public/018	

VANP AD 2.3 OPERATIONAL HOURS

1.	AD Administration	MON-FRI :0400-1200 (0930-1730IST) SAT, SUN+HOL: Nil
2.	Custom and immigration	Daily between 0100-1700(0630-2230)
3.	Health and sanitation	Nil
4.	AIS Briefing office	H24
5.	ATS Reporting Office(ARO)	H24
6.	MET Briefing office	H24
7.	ATS	H24
8.	Fuelling	Daily between 0100-1700(0630-2230)
9.	Handling	H24
10.	Security	H24
11.	De-icing	Not Applicable
12.	Remarks	Nil

VANP AD 2.4 HANDLING SERVICES AND FACILITIES

1.	Cargo-handling facilities	---
2.	Fuel/oil types	JET A1, ATF K50, AVGAS 100/OIL: Nil
3.	Fuelling facilities/capacity	JET A1-STORAGE 560000LTRS. and 3 BOWSERS 16000, 11000, 9000 LTRS/SEC. AVGAS- 100LL, BOWSER 9000LTRS, 9LTRS/SEC.
4.	De-icing facilities	Nil
5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	Nil
7.	Remarks	Nil

VANP AD 2.5 PASSENGER FACILITIES

1.	Hotels	Near the AD and in the city
2.	Restaurants	At the AD and in the city
3.	Transportation	Buses and taxis.
4.	Medical Facilities	First aid at AD. Hospitals in the city.
5.	Bank and post office	Bank At AD. Open 0430-0930(1000-1500). From Mon-Sat except on holidays. Post Office at AD. Open 0400-1200 (0930-1730) From Mon-Sat except on holidays
6.	Tourist office	In the city.
7.	Remarks	Nil

VANP AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1.	AD category for fire fighting	H-24/CAT VIII
2.	Rescue equipment	AVBL as per category
3.	Capability for removal of disabled aircraft	Nil
4.	Remarks	Nil

VANP AD 2.7 SEASONAL AVAILABILITY – CLEARING

Nil

VANP AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

1.	Apron surface and strength	SURFACE		Asphalt	
		STRENGTH		PCN 57/F/A/W/T.	
2.	Taxiway width, surface and strength	Design	Width	Surface	Strength
		A	23M	Asphalt	PCN42/F/B/W/T
		C	15M	Tarmacadam	PCN40/F/B/W/T
		D	15M	Tarmacadam	PCN40/F/B/W/T
		E	41M	Concrete	PCN40/F/B/W/T
		F	15M	Concrete	PCN40/F/B/W/T
		G	15M	Concrete	PCN15/F/B/W/T
		M	15M	Concrete	PCN40/F/B/W/T
		P-1	15M	Concrete	PCN40/F/B/W/T
		P-2	15M	Concrete	PCN40/F/B/W/T
		B2	23M	Asphalt	PCN75/F/A/W/T
B1	23M	Asphalt	PCN63/F/B/W/T		
3.	ACLand elevation	LOCATION		At apron.	
		ELEVATION		306M/1004FT	
4.	VOR/INS checkpoints	VOR		Nil	
		INS		Nil	
5.	Remarks	<ol style="list-style-type: none"> 1. Apron Dimension: 391.75MX144.5M 2. Parking stand 1 for B747. 3. Parking stands 2 to 8 for aircraft upto A320. 4. TWY B1 and B2 provided with standard lighting markings. 5. TWY F unlighted 			

VANP AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

1.	Use of aircraft stand ID signs, TWY guidelines and visual docking / parking guidance system of aircraft stands	Taxiing guidance provided on R/T.		
2.	RWY and TWY markings and LGT	RWY	Marked	Designation, THR, TDZ, Centerline, Edge, Aiming Point
			Lighted	THR, End, Edge
		TWY	Marked	Holding positions on TWY A, P1, P2, B1 Centerline all TWY
			Lighted	Edge LGT on TWY A, B1, B2
3.	Stop bars	Nil		
4.	Remarks	Nil		

VANP AD 2.10 AERODROME OBSTACLES

In approach /TKOF areas			In circling area and at AD		Remarks
1.			2.		
RWY/Area affected	Obstacle type Elevation Marking/LGT	Coordinates	Obstacle type Elevation Marking/LGT	Coordinates	
a	b	c	a	b	
1. APCH14 TKOF32	TREE 321.6M/1055FT	210639.1N 0790200.9E			
2.	TREE 330.5M/1084FT	210647.2N 0790158.3E			
3.	TREE 321.8M/1056FT	210643.3N 0790154.0E			
4.	TREE 325.2M/1067FT	210642.0N 0790158.2E			
5.	POWER HOUSE 318.6M/1045FT	210640.2N 0790159.0E			
6.	GP OF TREES 324.6M/1065FT	210646.5N 0790154.5E			
7.	ELECT. POLE 330.5M/1084FT	210656.8N 0790153.4E			
8.	ELECT. POLE 329.5M/1081FT	210655.5N 0790151.0E			
9.	TREE 331.0M/1086FT	210651.9N 0790144.1E			
10.	TREE 328.1M/1076FT	210642.1N 0790146.0E			
11.	TREE 331.3M/1087FT	210654.1N 0790146.8E			
12. APCH32 TKOF14	BUSHES 310.7M/1019FT	210505.8N 0790312.3E			
13.	BUSHES	210510.6N			

	311.0M/1020FT	0790611.0E		
14.	BUSHES 311.6M/1022FT	210507.2N 0790306.7E		
15.	W.D.I 311.8M/1023FT	210510.8N 0790314.4E		

VANP AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

1.	Associated MET office	Nagpur
2.	Hours of service Met office outside hours	H24
3.	Office responsible for TAF preparation Periods of validity	Nagpur 9 and 24 HR.
4.	Types of landing forecast Interval of issuance	Trend 30 Min
5.	Briefing / consultation provided	Provided
6.	Flight documentation Language(s) used	Tabular form English
7.	Charts and other information available For briefing or consultation	S, U85, U70, U50, U30, U20
8.	Supplementary equipment available for Providing information	Telex, Telefax, Satellite Display Work Station.
9.	ATS units provided with information	Nagpur ATC and ACS.
10.	Additional information (limitation of service, etc.)	WX radar observation on hourly basis if echoes are present at synoptic timings.

VANP AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE & MAG BRG	Dimensions of RWY (M)	Strength (PCN) and surface of RWY and SWY	THR coordinates	THR elevation and highest elevation of TDZ of precision APP RWY
1	2	3	4	5	6
14	143°31'GEO 144°30'MAG	3200X45	55/F/A/W/T Tarmac	210631.7N 0790203.4E	THR: 315M/1033FT
32	323°30'GEO 324°30'MAG	3200X45	55/F/A/W/T Tarmac	210509.6N 0790308.5E	THR: 307M/1007FT
Slope of RWY- SWY	SWY dimensions (M)	CWY dimensions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
-0.24%	---	---	3322X150	---	---
+0.24%	---	---	3322X150	---	

VANP AD 2.13 DECLARED DISTANCES

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
14	3200	3200	3200	3200	Slope 1:40
32	3200	3200	3200	3200	Slope 1:50

VANP AD 2.14 APPROACH AND RUNWAY LIGHTING

Designations RWY	APCH LGT TYPE LEN INTST	THR LGT COLOUR WBAR	VASIS (MEHT) PAPI	TDZ, LGT LEN	RWY Centerline, LGT Length Spacing Color, INTST	RWY Edge,LGT,LEN Spacing Color,INTST
1	2	3	4	5	6	7
14	SALS 420M LIH	Green	PAPI Left/ 3°	---	---	3200M 60M White, LIH
32	CAT-I 900M LIH	Green	PAPI Left/ 3°	---	---	3200M 60M White, LIH
RWY END LGT COLOUR WBAR	SWY LGT LEN (M) Colour	Remarks				
8	9	10				
Red	---	---				
Red	---	---				

VANP AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1.	ABN/IBN location, characteristics and Hours of operation	ABN	At Tower Building, FLG W&G EV2SEC.
		IBN	Nil
2.	LDI location and LGT Anemometer location and LGT	LDI	250M SE of ARP, unlighted
		Anemometer	On tower building not lighted
3.	TWY edge and centre line lighting	Edge	AVBL on TWY A and TWY B1 Only
		Centre line	Nil
4.	Secondary power supply/switch-over Time	Secondary Power supply to all lighting at AD. Switch-over time: 15 SEC.	
5.	Remarks	Nil	

VANP AD 2.16 HELICOPTER LANDING AREA

Not established

VANP AD 2.17 ATS AIRSPACE

1.	Designation and lateral limits	Nagpur CTR (A circle of radius 46.3KM (25NM) centered at 210452.7N 0790321.8E (VOR)
2.	Vertical limits	SFC to 5000FT MSL.
3.	Airspace classification	D
4.	ATS unit call sign Language(s)	Nagpur Tower English
5.	Transition altitude	5000FT AMSL
6.	Remarks	Nil

VANP AD 2.18 ATS COMMUNICATION FACILITIES

Service Designator	Call sign	Frequency	Hours of Operation	Remarks
1	2	3	4	5
APP	Nagpur Approach	120.4MHz	H24	---
TWR	Nagpur tower	118.1MHz	H24	---
SMC	Nagpur Ground	121.9MHz	H24	---
RSR	Nagpur Radar	123.9MHz 133.65MHz	H24	--- SDBY frequency
Emergency Frequency		121.5MHz		

VANP 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 operati on	site of transmitting antenna coordinates	Elevation of DME trans- mitting antenna	Remarks
1	2	3	4	5	6	7
DVOR	NNP	112.700MHz	H24	210452.7N 0790321.8E	---	---
DME	NNP	1161/1098 MHz	H24	210452.7N 0790321.8E	1028FT	Collocated with VOR
LLZ32	INGR	110.300MHz	H24	210641.7N 0790155.8E	---	---
GP32	---	335.000MHz	H24	210514.7N 0790258.8E	---	3°, RDH/50FT
DME(ILS)	INGR	1001/1064MHz	H24	210514.7N 0790258.8E	1057FT	Collocated with GP32
LO32	NG	217KHz	H24	210205.7N 0790532.8E	---	---
OM	---	75MHz	H24	210205.7N 0790532.8E	---	---
MM	---	75MHz	H24	210440.7N 0790331.8E	---	---
MSSR	---	1030/1090MHz	---	---	---	---

VANP AD 2.20 LOCAL TRAFFIC REGULATIONS

VANP AD 2.21 NOISE ABATEMENT PROCEDURES

VANP AD 2.22 FLIGHT PROCEDURES

VANP AD 2.23 ADDITIONAL INFORMATION

New BLOW KNOX CPME antenna mast erected at middle marker coordinates 210440.7N
0790331.8E day and night marking provided as per standards.
Lower limit GND.
Upper limit 25M AGL.

VANP AD 2.24 CHARTS RELATED TO AN AERODROME

1. ILS RWY 32
2. VOR (X) RWY 32
3. VOR (Y) RWY 32
4. NDB RWY 32
5. VOR (X) RWY 14
6. VOR (Y) RWY 14
7. Obstacle Chart Type-A RWY 14
8. Obstacle Chart Type-A RWY 32