

**AD 2. AERODROMES****VEPT AD 2.1 AERODROME LOCATION INDICATOR AND NAME****VEPT - PATNA / DOMESTIC****VEPT AD 2.2 AERODROME GEOGRAPHICAL AND VEPT ADMINISTRATIVE DATA**

1.	ARP coordinates and site at AD	253537.0N 0850531.0E , 261°.30', 605M from RWY25 Extremity.
2.	Direction and distance from (city)	259°, 5KM from Patna Railway Station.
3.	Elevation/Reference temperature	51.78M (170FT) / 39°C
4.	MAG VAR/Annual change	0.5°w (1985) / NIL
5.	AD Administration, VEPT Address, telephone, Telefax, telex, AFS	Airport Director Airports Authority of India Jaya Prakash Narayan Airport, Patna-800014.
		Tel                      0612-2220683
		Fax                      0612-2201227
		Mobile                 09835039709
	AFS                      VEPTYHYX	
6.	Types of traffic permitted (IFR/VFR)	IFR/VFR
7.	Remarks	NIL

**VEPT AD 2.3 OPERATIONAL HOURS**

1.	AD Administration	Mon-Fri: 0400-1200 (0930-1730IST) Sat,Sun+Hol : NIL
2.	Custom and immigration	As ATS See Remark No. 2
3.	Health and sanitation	As ATS
4.	AIS Briefing office	As ATS
5.	ATS Reporting Office(ARO)	As ATS
6.	MET Briefing office	As ATS
7.	ATS	Consult NOTAM for current ATS HR.
8.	Fuelling	As ATS
9.	Handling	As ATS
10.	Security	As ATS
11.	De-icing	NIL
12.	Remarks	1. Outside of ATS hours services are available O/R with 24 HR PN to AD. 2. Customs and immigration facilities are provided on limited basis to cover operations of scheduled intl. Flights. The facilities can be arranged to cover any authorized non-sked operations.

**VEPT AD 2.4 HANDLING SERVICES AND FACILITIES**

1.	Cargo-handling facilities	Nil
2.	Fuel/oil types	AVGAS 100LL, ATF-K50, oil Mj0-2
3.	Fuelling facilities/capacity	Refuellers: ATF2 16000&9000Litres each ,25Ltr/sec , AVG1 9000 ltr, 12.5 Litres/sec.
4.	De-icing facilities	Nil

5.	Hanger space for visiting aircraft	Nil
6.	Repair facilities for visiting aircraft	Nil
7.	Remarks	Nil

**VEPT AD 2.5 PASSENGER FACILITIES**

1.	Hotels	In the City
2.	Restaurants	At AD and in the City
3.	Transportation	Buses, Taxis.
4.	Medical Facilities	First Aid at AD. Hospitals in the city.
5.	Bank and post office	At AD
6.	Tourist office	At AD
7.	Remarks	Nil

**VEPT AD 2.6 RESCUE AND FIRE FIGHTING SERVICES**

1.	AD category for fire fighting	Within ATS HR : Cat 6
2.	Rescue equipment	AVBL. as per category
3.	Capability for removal of disabled aircraft	Nil
4.	Remarks	Nil

**VEPT AD 2.7 SEASONAL AVAILABILITY – CLEARING**

Nil

**VEPT AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA**

1.	Apron surface and strength	Surface	Tarmacadam
		Strength	PCN 46/R/B/W/T
2.	Taxiway width, surface and strength	Width	23M
		Surface	Tarmacadam
		Strength	PCN 37/R/B/W/T
3.	ACL and elevation	Location	At apron
		Elevation	51.3M / 168FT
4.	VOR/INS checkpoints	VOR	---
		INS	Nil
5.	Remarks	Dumbbell RWY 25 is primary Isolation Parking Stand	

**VEPT 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. Guidelines at Apron		
2.	RWY and TWY markings and LGT	RWY	Markings	Designation, THR, Fixed Distance, Centreline, EDGE, Aiming Point
			Lighting	THR, End and Edge.
		TWY	Marking	Centreline, Holding PSN Edge
			Lighted	Edge.
3.	Stop bars	Nil		
4.	Remarks	Nil		

## VEPT AD 2.10 AERODORME OBSTACLES

In approach /TKOF areas			In circling area and at AD		Remarks
1.			2.		
Obstacle type Elevation RWY/Area affected Marking/LGT Coordinates			Obstacle type Elevation Marking/LGT	Coordinates	
a	b	c	a	b	
1.07APCH 25TKOFF	TELE. POLE 57M/186FT	253512.4N 0850431.6E			
2.	FENCE ON WALL 53M/174FT	253513.2N 0850431.6E			
3.	BUILDING 55M/179FT	253512.7N 0850429.5E			
4.	GP OF TREES 66M/216FT	253513.4N 0850429.2E			
5.	IRON PILAR 57M/187FT	253511.9N 0850428.3E			
6.	TELE. POLE 56M/184FT	253512.8N 0850427.2E			
7.	BUILDING 62M/203FT	253511.6N 0850424.4E			
8.	GP OF TREES 72M/235FT	253511.0N 0850422.9E			
9.	TELE. POLE 58M/191FT	253510.6N 0850434.2E			
10.	RLY CABIN 61M/201FT	253510.0N 0850431.9E			
11.	MOBILE RD TFC 58M/191FT	253509.4N 0850431.8E			
12.	MOBILE RLY TFC 61M/200FT	253509.9N 0850434.4E			
13.	BUILDING 59M/194FT	253508.5N 0850431.3E			
14.	ELECT. POLE 59M/194FT	253508.8N 0850431.4E			
15.	ELECT. POLE 63M/205FT	253508.8N 0850430.7E			
16.	TELE. POLE 58M/190FT	253508.8N 0850424.6E			
17.	RLY SIG. MAST 65M/212FT	253508.7N 0850425.1E			
18.	BUILDING 64M/210FT	253504.4N 0850422.9E			
19.	GP OF TREES 71M/233FT	253504.3N 0850425.1E			

20.	BUILDING 63M/207FT	253504.9N 0850417.9E		
21.	BULDING 63M/207FT	253503.3N 0850419.8E		
22.	BUILDING 63M/207FT	253502.6N 0850418.4E		
23.	GP OF TREES 77M/252FT	253507.3N 0850411.4E		
24.	GP OF TREES 74M/244FT	253506.4N 0850401.6E		
25.	BOUND. WALL 54M/177FT	253515.8N 0850439.1E		
26.	FACTORY TOP (LIGHTED) 59M/193FT	253514.3N 0850434.7E		
27.	FACTORY SHED 60M/195FT	253514.5N 0850434.3E		
28.	LLZ. HUT 55M/181FT	253513.1N 0850432.7E		
29.	LLZ ANTENNA 54M/178FT	253511.9N 0850433.5E		
30.	GP OF TREES 60M/226FT	253510.9N 0850435.7E		
31.	GP OF TREES 63M/208FT	253512.6N 0850442.7E		
32.	BOUND. WALL 54M/177FT	253512.6N 0850442.7E		
33.	WALL FENCE TOP 55M/180FT	253510.9N 0850434.0E		
34. 25APCH 07TKOF	MOB RD TFC 56M/183FT	253543.2N 08505542.6E		
35.	HOARDING 56M/184FT	253542.7N 0850552.9E		
36.	ELECT. POLE 55M/181FT	253542.6N 0850554.1E		
37.	HOARDING 56M/184FT	253545.1N 0850622.5E		
38.	HOARDING 58M/190FT	253542.4N 0850556.1E		
39.	HOARDING 58M/189FT	253541.8N 0850557.9E		
40.	GP OF TREES 68M/223FT	253541.3N 0850559.3E		
41.	ELECT. POLE 57M/188FT	253539.9N 0850557.6E		
42.	ELECT. POLE	253539.6N		

	58M/189FT	0850559.0E		
43.	ELECT. POLE	253538.6N		
	58M/190FT	0850557.5E		
44.	MOB RD TFC	253538.2N		
	56M/183FT	0850553.6E		
45.	BOUND. WALL	253537.4N		
	52M/172FT	0850559.2E		
46.	GP OF TREES	253540.1N		
	65M/213FT	0850604.7E		
47.	GP OF TREES	253545.0N		
	67M/220FT	0850607.9E		
48.	GP OF TREES	253547.0N		
	73M/240FT	0850609.4E		
49.	GP OF TREES	253540.7N		
	77M/254FT	0850611.8E		
50.	GP OF TREES	253551.9N		
	77M/251FT	0850615.5E		
51.	GP OF TREES	253545.0N		
	83M/273FT	0850620.5E		
52.	GP OF TREES	253543.7N		
	71M/233FT	0853614.9E		
53.	GP OF TREES	253542.8N		
	61M/200FT	0850603.5E		
54.	GP OF TREES	253548.3N		
	67M/221FT	0850605.4E		
55.	ZOO B. WALL	253543.4N		
	55.3M/181FT	0850553.3E		
56.	ELECT. POLE	253542.3N		
	55.1M/180FT	0850555.5E		
57.	ELECT. POLE	253541.6N		
	55.5M/182FT	0850557.5E		
58.	HOARDING	253540.9N		
	55.3M/181FT	0850557.6E		
59.	CLOCK TOWER	253558.6N		
	101.5M/333FT	0850659.7E		
60.	GP OF TREES	253551.4N		
	74M/243FT	0850625.8E		
61.	GP OF TREES	253545.8N		
	74.7M/245FT	0850630.2E		
62.	GP OF TREES	253544.3N		
	75M/246FT	0850626.5E		

**VEPT AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

1.	Associated MET office	Meteorological Centre Patna
2.	Hours of service Met office outside hours	H-24
3.	Office responsible for TAF preparation Periods of validity	Met Centre Patna 9,12,24HR
4.	Types of landing forecast Interval of issuance	Trend Forecast 30Min
5.	Briefing / consultation provided	Provided
6.	Flight documentation Language(s) use	Tabular Form English / Hindi
7.	Charts and other information available For briefing or consultation	Surface, Upper Air, Satellite Imagery, T-Φ gram
8.	Supplementary equipment available for Providing information	Teleprinter / Telephone
9.	ATS units provided with information	Patna ATC and ACS
10.	VEPT Additional information (limitation of service, etc.)	Round the Clock Met Service

**VEPT 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
07	68°30'GEO 69°00'MAG	1954X45	43 F/D/X/T ASPHALT	253518.7N 0850452.9E	THR 51.5M/169FT
25	248°30'GEO 249°00'MAG	1954X45	43 F/D/X/T ASPHALT	253537.4N 0850544.4E	THR 51.5M/169FT
Slope of RWY-SWY	SWY dimensions ( M)	CWY dimens ions (M)	Strip dimensions (M)	OFZ	Remarks
7	8	9	10	11	12
Negligible	---	---	2074X150	---	---
Negligible	---	---	2074X150	---	---

**VEPT AD 2.13 DECLARED DISTANCES**

RWY Designation	TORA (M)	TODA (M)	ASDA (M)	LDA (M)	Remarks
1	2	3	4	5	6
07	1954	1954	1954	1677	1:40 SLOPE
25	1954	1954	1954	1820	1:40 SLOPE

**VEPT 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
07	SALS	Green	PAPI Left/3°	Nil	Nil	1954M 60M White, LIH
25	ASALS	Green	PAPI Left/3°	Nil	Nil	1954M 60M White , LIH
RWY END LGT COLOUR R WBAR	SWY LGT LEN(M) Colour	Remarks				
8	9	10				
Red	---	---				
Red	---	---				

**VEPT 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. As ATS HR
		IBN	Nil
2.	LDI location and LGT Anemometer location and LGT	LDI	---
		Anemometer	---
3.	TWY edge and centre line lighting	Edge	All TWY
		Centre line	Nil
4.	Secondary power supply/switch-over Time	Secondary Power supply to all lighting at AD. Switch-over time :8 Sec.	
5.	Remarks	Nil	

**VEPT AD 2.16 HELICOPTER LANDING AREA**

Not established

**VEPT AD 2.17 ATS AIRSPACE**

1.	Designation and lateral limits	A circle, radius 55.5km (30nm) centered at 253525.5N 0850523.7E (VOR) "PPT"
2.	Vertical limits	SFC to FL60
3.	Airspace classification	D
4.	ATS unit call sign Language(s)	Tower . English
5.	Transition altitude	4000FT
6.	Remarks	Nil

**VEPT AD 2.18 ATS COMMUNICATION FACILITIES**

Service Designator	Call sign	Frequency	Hours of operation	Remarks
1	2	3	4	5
TWR	Patna Tower	118.3MHz	AS ATS	---
APP	Patna Approach	121.1MHz	AS ATS	---
DATIS	Patna Information	128.8MHz	AS ATS	---

**VEPT 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 trans- mitting antenna	Remarks
1	2	3	4	5	6	7
LLZ25 ILS CAT - I	IPAT	110.3MHz	AS ATS	253511.5N 0850433.8E	---	---
GP25	---	335MHz	AS ATS	253537.5N 0850533.7E	---	Restricted to 300FT 3°,RDH/50FT
DME (ILS)	IPAT	1001/1064 MHz	AS ATS	253537.5N 0850533.7E	219FT	Collocated with GP25
DVOR	PPT	112.1MHz	H-24	253525.5N 0850523.7E	---	---
DME(VOR)	PPT	1019/1082 MHz	H-24	---	194FT	Collocated with DVOR

**VEPT AD 2.20 LOCAL TRAFFIC REGULATIONS**

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**VEPT AD 2.21 NOISE ABATEMENT PROCEDURES**

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**VEPT AD 2.22 FLIGHT PROCEDURES**

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**VEPT AD 2.23 ADDITIONAL INFORMATION**

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**VEPT AD 2.24 CHARTS RELATED TO AN AERODROME**

1. ILS RWY 25
2. VOR RWY 25
3. VOR RWY 07
4. NDB RWY 25
5. NDB RWY 07
6. Obstacle Chart Type-A RWY 07
7. Obstacle Chart Type-A RWY 25