



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

|                         |                                       |                          |  |  |
|-------------------------|---------------------------------------|--------------------------|--|--|
| 20.                     | BUILDING<br>63M/207FT                 | 253504.9N<br>0850417.9E  |  |  |
| 21.                     | BULDING<br>63M/207FT                  | 253503.3N<br>0850419.8E  |  |  |
| 22.                     | BUILDING<br>63M/207FT                 | 253502.6N<br>0850418.4E  |  |  |
| 23.                     | GP OF TREES<br>77M/252FT              | 253507.3N<br>0850411.4E  |  |  |
| 24.                     | GP OF TREES<br>74M/244FT              | 253506.4N<br>0850401.6E  |  |  |
| 25.                     | BOUND. WALL<br>54M/177FT              | 253515.8N<br>0850439.1E  |  |  |
| 26.                     | FACTORY TOP<br>(LIGHTED)<br>59M/193FT | 253514.3N<br>0850434.7E  |  |  |
| 27.                     | FACTORY SHED<br>60M/195FT             | 253514.5N<br>0850434.3E  |  |  |
| 28.                     | LLZ. HUT<br>55M/181FT                 | 253513.1N<br>0850432.7E  |  |  |
| 29.                     | LLZ ANTENNA<br>54M/178FT              | 253511.9N<br>0850433.5E  |  |  |
| 30.                     | GP OF TREES<br>60M/226FT              | 253510.9N<br>0850435.7E  |  |  |
| 31.                     | GP OF TREES<br>63M/208FT              | 253512.6N<br>0850442.7E  |  |  |
| 32.                     | BOUND. WALL<br>54M/177FT              | 253512.6N<br>0850442.7E  |  |  |
| 33.                     | WALL FENCE TOP<br>55M/180FT           | 253510.9N<br>0850434.0E  |  |  |
| 34.<br>25APCH<br>07TKOF | MOB RD TFC<br>56M/183FT               | 253543.2N<br>08505542.6E |  |  |
| 35.                     | HOARDING<br>56M/184FT                 | 253542.7N<br>0850552.9E  |  |  |
| 36.                     | ELECT. POLE<br>55M/181FT              | 253542.6N<br>0850554.1E  |  |  |
| 37.                     | HOARDING<br>56M/184FT                 | 253545.1N<br>0850622.5E  |  |  |
| 38.                     | HOARDING<br>58M/190FT                 | 253542.4N<br>0850556.1E  |  |  |
| 39.                     | HOARDING<br>58M/189FT                 | 253541.8N<br>0850557.9E  |  |  |
| 40.                     | GP OF TREES<br>68M/223FT              | 253541.3N<br>0850559.3E  |  |  |
| 41.                     | ELECT. POLE<br>57M/188FT              | 253539.9N<br>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<br>Met office outside hours                           | H-24   |
| 3.  | Office responsible for TAF preparation<br>Periods of validity          | Met Centre Patna<br>9,12,24HR                      |
| 4.  | Types of landing forecast<br>Interval of issuance                      | Trend Forecast<br>30Min                            |
| 5.  | Briefing / consultation provided                                       | Provided   |
| 6.  | Flight documentation<br>Language(s) use                                | Tabular Form<br>English / Hindi                    |
| 7.  | Charts and other information available<br>For briefing or consultation | Surface, Upper Air, Satellite Imagery,<br>T-Φ gram |
| 8.  | Supplementary equipment available for<br>Providing information         | Teleprinter / Telephone                            |
| 9.  | ATS units provided with information                                    | Patna ATC and ACS                                  |
| 10. | VEPT Additional information (limitation<br>of service, etc.)           | Round the Clock Met Service                        |

**VEPT AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| Designations<br>RWY<br>NR | TRUE &<br>MAG BRG         | Dimensions<br>of<br>RWY(M)   | Strength<br>(PCN) and<br>surface of<br>RWY and<br>SWY | THR<br>coordinates      | THR elevation and<br>highest elevation of<br>TDZ of precision<br>APP<br>RWY |
|---------------------------|---------------------------|------------------------------|---|-------------------------|---|
| 1                         | 2                         | 3                            | 4   | 5                       | 6   |
| 07                        | 68°30'GEO<br>69°00'MAG    | 1954X45                      | 43 F/D/X/T<br>ASPHALT                                 | 253518.7N<br>0850452.9E | THR 51.5M/169FT   |
| 25                        | 248°30'GEO<br>249°00'MAG  | 1954X45                      | 43 F/D/X/T<br>ASPHALT                                 | 253537.4N<br>0850544.4E | THR 51.5M/169FT   |
| Slope of<br>RWY-SWY       | SWY<br>dimensions<br>( M) | CWY<br>dimens<br>ions<br>(M) | Strip<br>dimensions<br>(M)                            | OFZ                     | Remarks   |
| 7                         | 8                         | 9                            | 10  | 11                      | 12  |
| Negligible                | ---                       | ---                          | 2074X150  | ---                     | ---   |
| Negligible                | ---                       | ---                          | 2074X150  | ---                     | ---   |

**VEPT AD 2.13 DECLARED DISTANCES**

| RWY Designation | TORA<br>(M) | TODA<br>(M) | ASDA<br>(M) | LDA<br>(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<br>RWY                      | APCH<br>LGT<br>TYPE<br>LEN<br>INTST | THR LGT<br>COLOUR<br>WBAR | VASIS<br>(MEHT)<br>PAPI | TDZ,<br>LGT<br>LEN | RWY<br>Centerline,<br>LGT<br>Length<br>Spacing<br>Color,INTST | RWY Edge,LGT,LEN<br>Spacing<br>Color,INTST |
|--|-------------------------------------|---------------------------|-------------------------|--------------------|---|--|
| 1  | 2                                   | 3                         | 4                       | 5                  | 6   | 7  |
| 07                                       | SALS                                | Green                     | PAPI<br>Left/3°         | Nil                | Nil   | 1954M<br>60M<br>White, LIH                 |
| 25                                       | ASALS                               | Green                     | PAPI<br>Left/3°         | Nil                | Nil   | 1954M<br>60M<br>White , LIH                |
| RWY<br>END<br>LGT<br>COLOUR<br>R<br>WBAR | SWY<br>LGT<br>LEN(M)<br>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<br>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<br>Language(s) | Tower .<br>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<br>CAT of<br>ILS/MLS<br>(For<br>VOR/ILS/<br>MLS, give<br>VAR) | ID   | Frequency        | Hours of<br>operation | Site of<br>transmitting<br>antenna<br>coordinates | Elevation<br>of<br>DME<br>trans-<br>mitting<br>antenna | Remarks                                |
|---|------|------------------|-----------------------|---|--|--|
| 1   | 2    | 3                | 4                     | 5   | 6  | 7                                      |
| LLZ25<br>ILS CAT - I  | IPAT | 110.3MHz         | AS ATS                | 253511.5N<br>0850433.8E                           | ---  | ---                                    |
| GP25  | ---  | 335MHz           | AS ATS                | 253537.5N<br>0850533.7E                           | ---  | Restricted to<br>300FT<br>3°, RDH/50FT |
| DME (ILS)   | IPAT | 1001/1064<br>MHz | AS ATS                | 253537.5N<br>0850533.7E                           | 219FT  | Collocated<br>with GP25                |
| DVOR  | PPT  | 112.1MHz         | H-24                  | 253525.5N<br>0850523.7E                           | ---  | ---                                    |
| DME(VOR)  | PPT  | 1019/1082<br>MHz | H-24                  | ---   | 194FT  | Collocated<br>with DVOR                |

**VEPT AD 2.20 LOCAL TRAFFIC REGULATIONS**

-----

**VEPT AD 2.21 NOISE ABATEMENT PROCEDURES**

-----

**VEPT AD 2.22 FLIGHT PROCEDURES**

-----

**VEPT AD 2.23 ADDITIONAL INFORMATION**

-----

**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