

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

| | | |
|----|--|---|
| 1. | ARP coordinates and site at AD | 231713.0N 0772012.9E 352°/197M from intersection of RWYs. |
| 2. | Direction and distance from (city) | 288°,8KM from BHOPAL railway station. 4.5NM |
| 3. | Elevation/Reference temperature | 523.9M(1719FT)/41°C |
| 4. | MAG VAR/Annual change | 0.75°(1985)/0.017° decreasing |
| 5. | AD Administration, AD Address, telephone, Telefax, telex, AFS | Airport Director Airports Authority of India, Bhopal Airport, Bhopal-462030. |
| | | Tele 0755-2646001 |
| | | Fax 0755-2646002, 2646003. |
| | | Mobile 09425301505 |
| | AFS VABPYHYX | |
| 6. | Types of traffic permitted (IFR/VFR) | VFR/IFR |
| 7. | Remarks | Nil |

VABP AD 2.3 OPERATIONAL HOURS

| | | |
|-----|---------------------------|---|
| 1. | AD Administration | MON-FRI : 0400-1200 (0930-1730IST) SAT,SUN+ HOL : Nil |
| 2. | Custom and immigration | Nil |
| 3. | Health and sanitation | Nil |
| 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 | Nil |
| 10. | Security | As ATS |
| 11. | De-icing | Nil |
| 12. | Remarks | Outside of ATS hours, services are available O/R. with 24 HR PN to AD. |

VABP AD 2.4 HANDLING SERVICES AND FACILITIES

| | | |
|----|--|--|
| 1. | Cargo-handling facilities | Nil |
| 2. | Fuel/oil types | ATF (K-50), AVGAS (100 LL), OIL: Nil |
| 3. | Fuelling facilities/capacity | Two Bouser (Capacity 9KL & 10KL), One Trolley Unit for AVGAS, 1KL |
| 4. | De-icing facilities | Nil |
| 5. | Hanger space for visiting aircraft | Nil |
| 6. | Repair facilities for visiting aircraft | Nil |
| 7. | Remarks | Nil |

VABP AD 2.5 PASSENGER FACILITIES

| | | |
|----|----------------------|--|
| 1. | Hotels | In the city. |
| 2. | Restaurants | At AD and in the city |
| 3. | Transportation | Taxis on hire. |
| 4. | Medical Facilities | First aid at AD. Hospital in the city. |
| 5. | Bank and post office | Post office Bank Limited Hrs. |
| 6. | Tourist office | As ATS |
| 7. | Remarks | Nil |

VABP 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 |

VABP AD 2.7 SEASONAL AVAILABILITY - CLEARING

Nil

VABP AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS DATA

| | | | |
|----|-------------------------------------|-----------|---|
| 1. | Apron surface and strength | Surface | Concrete |
| | | Strength | PCN-50/R/C/W/T |
| 2. | Taxiway width, surface and strength | Width | 23M |
| | | Surface | Concrete |
| 3. | ACLand elevation | Strength | PCN-38/F/C/W/T |
| | | Location | At apron |
| 4. | VOR/INS checkpoints | Elevation | 521.5M/1711FT |
| | | VOR | Holding Position RWY 30 R-036 / 0.4 NM. |
| 5. | Remarks | INS | Nil |
| | | | Nil |

VABP 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 | THR, Centreline, RWY Designation, FD, RWY Edge |
| | | | Lighted | Edge, End, THR. |
| | | TWY | Marked | Centreline, Holding positions |
| | | | Lighted | Main TWY Edge. |
| 3. | Stop bars | Nil | | |
| 4. | Remarks | Nil | | |

VABP 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. APCH-06 TKOF-24 | MOBILE RD TFC 526.6M/1728FT | 231658.5N 0772001.9E | | | |
| 2. APCH-24 TKOF-06 | TELE.POLE 526.3M/1727FT | 231736.0N 0772104.3E | | | |
| 3. | FENCING 523.5M/1718FT | 231738.7N 0772104.3E | | | |
| 4. | TELE.POLE 526.5M/1727FT | 231740.9N 0772103.6E | | | |
| 5. | ELECT.POLE 572.1M/1877FT | 231757.9N 0772141.7E | | | |
| 6. | ELECT.POLE 577.6M/1895FT | 231756.6N 0772141.3E | | | |
| 7. | GP OF TREES 532.5M/1747FT | 231739.8N 0772107.1E | | | |
| 8. APCH-12 TKOF-30 | LLZ ANTENNA 527.4M/1730FT | 231734.2N 0771919.7E | | | |
| 9. | LLZ HUT 526.8M/1728FT | 231735.6N 0771919.7E | | | |

VABP AD 2.11 METEOROLOGICAL INFORMATION PROVIDED

| | | |
|-----|--|---|
| 1. | Associated MET office | Bhopal |
| 2. | Hours of service Met office outside hours | H24 --- |
| 3. | Office responsible for TAF preparation Periods of validity | Bhopal 9 AND 24HRS |
| 4. | Types of landing forecast Interval of issuance | Trend 30 MIN |
| 5. | Briefing / consultation provided | Provided |
| 6. | Flight documentation Language(s) use | Tabular form English |
| 7. | Charts and other information available For briefing or consultation | S,U ₈₅ ,U ₇₀ ,U ₅₀ ,U ₃₀ ,U ₂₀ |
| 8. | Supplementary equipment available for Providing information | Telephone |
| 9. | ATS units provided with information | Bhopal ATC and ACS |
| 10. | AD Additional information (limitation of service, etc.) | Nil |

VABP 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 |
| 06 | 055°10'GEO 055°45'MAG | 1835X45 | --- | --- | --- |
| 24 | 235°10'GEO 235°45'MAG | 1835X45 | --- | --- | --- |
| 12 | 117°40'GEO 118°15' MAG | 2045X45 | 50F/C/X/U Tarmac | 231730.5N 0771927.5E | THR:522.3M/1714FT |
| 30 | 297°40'GEO 298°15' MAG | 2045X45 | 50F/C/X/U Tarmac | 231658.9N 0772030.2E | THR:521.0M/1709FT TDZ:523.25M/1716FT |
| Slope of RWY- SWY | SWY dimensions (M) | CWY dimensi ons (M) | Strip dimensions (M) | OFZ | Remarks |
| 7 | 8 | 9 | 10 | 11 | 12 |
| -0.072% | --- | --- | 1955X150 | --- | --- |
| +0.072% | --- | --- | 1955X150 | --- | --- |
| -0.06% | --- | --- | 2165X150 | --- | --- |
| +0.06% | --- | --- | 2165X150 | --- | --- |

Note:- Rwy 06/24 AVBL With LCN 10 for Fixed wing acft. with MTOW not exceeding 1500Kg on VFR FPL and in VMC. No restrictions for rotary wing acft. No restrictions for taxiing and in emergency situations.

VABP AD 2.13 DECLARED DISTANCES

| RWY Designation | TORA (M) | TODA (M) | ASDA (M) | LDA (M) | Remarks |
|-----------------|-------------|-------------|-------------|------------|---------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 12 | 2045 | 2045 | 2045 | 2045 | ---- |
| 30 | 2045 | 2045 | 2045 | 2045 | ---- |

VABP AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY 06 -Only RWY edge LGTs available on portion of RWY used for Taxiing.

RWY 24 -Only RWY edge LGTs available on portion of RWY used for Taxiing

| 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 EdgeLGT, LEN Spacing Color, INTST |
|-------------------------------------|-------------------------------------|---|-------------------------|--------------------|---|---|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 12 | ASALS 300M | Green | PAPI Left/3° | --- | --- | 2045 60M HIRL |
| 30 | ASALS 270M | Green | PAPI Left/3° | --- | --- | 2045 60M HIRL |
| RWY END LGT COLOUR WBAR | SWY LGT LEN (M) Colour | Remarks | | | | |
| 8 | 9 | 10 | | | | |
| Red | --- | ASALS with crossbar at 300m & 150M | | | | |
| Red | --- | ASALS Barrate type lights with no crossbar. | | | | |

VABP 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 | Near signal area, lighted |
| | | Anemometer | On tower building, not lighted |
| 3. | TWY edge and centre line lighting | Edge | Avbl. |
| | | 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 | |

VABP AD 2.16 HELICOPTER LANDING AREA

Not Established

VABP AD 2.17 ATS AIRSPACE

| | | |
|----|-----------------------------------|--|
| 1. | Designation and lateral limits | Bhopal CTR : Bounded by 231501.9N 0764555.8E then along greater arc of a circle of radius 30NM centered at Bhopal DVOR 231657.9N 0772009.1E to 225602.0N 0765455.8E to 225102.1N 0763655.9E to 230902.0N 0762856.0E to 231501.9N 0764555.8E. |
| 2. | Vertical limits | SFC to FL145 |
| 3. | Airspace classification | D |
| 4. | ATS unit call sign Language(s) | Bhopal Tower English |
| 5. | Transition altitude | 5000 FT AMSL |
| 6. | Remarks | Nil |

VABP AD 2.18 ATS COMMUNICATION FACILITIES

| Service Designator | Call sign | Frequency | Hours of operation | Remarks |
|--------------------|-----------------|-----------|--------------------|----------------------------|
| 1 | 2 | 3 | 4 | 5 |
| APP | BHOPAL APPROACH | 118.05MHz | As ATS | TWR & APP service combined |
| TWR | BHOPAL TOWER | 118.05MHz | As ATS | |

VABP 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 | Elevatio n of DME trans- mitting antenna | Remarks |
|---|------|------------------|-----------------------|---|---|---------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| DVOR | BPL | 117.100MHz | H24 | 231657.9N 0772009.1E | --- | CH118X |
| DME | BPL | 1205/1142 MHz | H24 | 231657.9N 0772009.1E | 1744FT | Colocated with VOR |
| LLZ30 ILS CAT-I | IBPH | 109.900MHz | As ATS | 231733.9N 0771919.5E | --- | --- |
| GP30 | --- | 333.800MHz | As ATS | 231705.9N 0772007.6E | --- | 3°,RDH/50 FT |
| DME(ILS) | IBPH | 1060/997MHz | As ATS | 231705.9N 0772007.6E | 1754FT | Colocated with GP30 CH36X |
| LO | BH | 363KHz | As ATS | 231433.0N 0772540.5E | --- | --- |
| OM | --- | 75MHz | As ATS | 231433N 0772540.5E | --- | --- |

VABP AD 2.20 LOCAL TRAFFIC REGULATIONS

VABP AD 2.21 NOISE ABATEMENT PROCEDURES

VABP AD 2.22 FLIGHT PROCEDURES

VABP AD 2.23 ADDITIONAL INFORMATION

1. GP antenna installed and lighted HGT 46Ft offset 300Ft from edge of Rwy 30.
2. Isolation Bay: Location on Dumbell RWY 06.
: Dimension 76.20X80.00M with shoulder 7.5M.
3. LLZ Antenna installed at a distance of 800FT from the end of RWY 30. HGT 13.5FT AGL.

VABP AD 2.24 CHARTS RELATED TO AN AERODROME

1. ILS RWY 30
2. VOR (X) RWY 30
3. VOR (Y) RWY 30
4. VOR (X) RWY 12
5. VOR (Y) RWY 12
6. Obstacle Chart Type-A RWY 12
7. Obstacle Chart Type-A RWY 30