

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

|    |   |  |
|----|---|--|
| 1. | ARP coordinates and site at AD                                | 244911.8N 0795506.4E<br>195°/917M from THR RWY19                       |
| 2. | Direction and distance from (city)                            | 180°, 4 KM from Khajuraho city.  |
| 3. | Elevation/Reference temperature                               | 221.97M(728FT)/43°C  |
| 4. | MAG VAR/Annual change   | 0.5°W(1985)/0.017° Decreasing  |
| 5. | AD Administration, AD Address, telephone, Telefax, telex, AFS | Airports Authority of India,<br>Khajuraho Airport,<br>Khajuraho-471606 |
|    |   | Tele 07686-274041, 274127  |
|    |   | Fax 07686-274765   |
|    |   | Telex Nil  |
|    | AFS   | VAKJYDYX   |
| 6. | Types of traffic permitted (IFR/VFR)                          | VFR/IFR  |
| 7. | Remarks   | Nil  |

**VAKJ AD 2.3 OPERATIONAL HOURS**

|     |                           |   |
|-----|---------------------------|---|
| 1.  | AD Administration         | MON-FRI:- 0400-1200 (0930-1730)<br>SAT,SUN+ HOL :- Nil        |
| 2.  | Custom and immigration    | Nil   |
| 3.  | Health and sanitation     | Nil   |
| 4.  | ATS 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                  | H24   |
| 11. | De-icing                  | Nil   |
| 12. | Remarks                   | Outside of ATS hours Services available<br>O/R with PN to AD. |

**VAKJ AD 2.4 HANDLING SERVICES AND FACILITIES**

|    |   |   |
|----|---|---|
| 1. | Cargo-handling facilities               | Limited Manual. Available with Ms IAC &<br>Ms JET Airways |
| 2. | Fuel/oil types                          | Jet A1, OIL: Nil  |
| 3. | Fuelling facilities/capacity            | 02 Bowsers, 1,40000 Litres .                              |
| 4. | De-icing facilities                     | Nil   |
| 5. | Hanger space for visiting aircraft      | Nil   |
| 6. | Repair facilities for visiting aircraft | Minor repairs with IAC & Jet Airways                      |
| 7. | Remarks                                 | Nil   |

**VAKJ AD 2.5 PASSENGER FACILITIES**

|    |                      |   |
|----|----------------------|---|
| 1. | Hotels               | In the city.                            |
| 2. | Restaurants          | In the city .                           |
| 3. | Transportation       | Taxis and car hire from the AD.         |
| 4. | Medical Facilities   | First aid at AD . Hospital in the city. |
| 5. | Bank and post office | In the City                             |
| 6. | Tourist office       | In the City                             |
| 7. | Remarks              | Nil                                     |

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

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

**VAKJ AD 2.7 SEASONAL AVAILABILITY – CLEARING**

Nil

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

|    |                                     |           |                       |
|----|-------------------------------------|-----------|-----------------------|
| 1. | Apron surface and strength          | Surface   | Tarmacadam            |
|    |                                     | Strength  | PCN-31F/C/W/U         |
| 2. | Taxiway width, surface and strength | Width     | 23M                   |
|    |                                     | Surface   | Tarmacadam            |
| 3. | ACL and elevation                   | Strength  | PCN-31F/C/W/U         |
|    |                                     | Location  | ---                   |
| 4. | VOR/INS checkpoints                 | Elevation | ---                   |
|    |                                     | VOR       | Taxi holding position |
| 5. | Remarks                             | INS       | Nil                   |
|    |                                     | Nil       |                       |

**VAKJ 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 | Taxing guidance signs at all intersections with TWY and RWY at all holding positions. Guidelines at apron. Nose in guidance : Nil. |         |                                    |
| 2. | RWY and TWY markings and LGT   | RWY  | Marked  | Designation, THR, TDZ, Centreline. |
|    |  |  | Lighted | Edge and end                       |
|    |  | TWY  | Marked  | Centreline, Holding position.      |
|    |  |  | Lighted | Edge                               |
| 3. | Stop bars  | Nil  |         |                                    |
| 4. | Remarks  | Nil  |         |                                    |

**VAKJ AD 2.10 AERODROME OBSTACLES**

| In approach /TKOF areas |   |                         | In circling area and at AD |           | Remarks |
|-------------------------|---|-------------------------|----------------------------|-----------|---------|
| 1.                      |   |                         | 2.                         |           |         |
| RWY/Area affected       | Obstacle type                                 | Elevation               | Obstacle type              | Elevation |         |
|                         | Marking/LGT                                   | Coordinates             |                            |           |         |
| a                       | b   | c                       | a                          | b         |         |
| 1. 01APCH<br>19TKOF     | LLZ. Antenna<br>224.4M/736'                   | 244838.2N<br>0795501.2E |                            |           |         |
| 2.                      | LLZ Hut<br>225.9M/741'                        | 244837.6N<br>0795503.0E |                            |           |         |
| 3.                      | LLZ monitor<br>antenna<br>223.6M/734'         | 244840.5N<br>0795501.3E |                            |           |         |
| 4.                      | Tree<br>229.6M/753'                           | 244835.4N<br>0795502.9E |                            |           |         |
| 5.                      | Gp of Trees<br>233.3M/765'                    | 244823.7N<br>0795453.3E |                            |           |         |
| 6.                      | Tree on Dulehri<br>hill top<br>287.5M/943'    | 244714.0N<br>0795459.6E |                            |           |         |
| 7.                      | Solar light on<br>Pira hill top<br>325M/1066' | 244639.0N<br>0795418.7E |                            |           |         |
| 8. 19APCH<br>01TKOF     | Tree<br>212.8M/698'                           | 244944.5N<br>0795516.3E |                            |           |         |
| 9.                      | Temple Flag top<br>(Lighted)<br>216.4M/710'   | 244949.9N<br>0795519.6E |                            |           |         |
| 10.                     | Tree<br>220.9M/725'                           | 244950.3N<br>0795522.3E |                            |           |         |
| 11.                     | Group of trees<br>224.2M/736'                 | 244958.2N<br>0795527.8E |                            |           |         |

**VAKJ AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

|    |   |                         |
|----|---|-------------------------|
| 1. | Associated MET office   | Khajuraho               |
| 2. | Hours of service<br>Met office outside hours                  | HJ<br>---               |
| 3. | Office responsible for TAF preparation<br>Periods of validity | Bhopal<br>9 HR          |
| 4. | Types of landing forecast<br>Interval of issuance             | Nil                     |
| 5. | Briefing / consultation provided                              | Nil                     |
| 6. | Flight documentation<br>Language(s) use                       | Tabular form<br>English |
| 7. | Charts and other information available                        | Nil                     |

|     |   |                            |
|-----|---|----------------------------|
|     | For briefing or consultation                                |                            |
| 8.  | Supplementary equipment available for Providing information | Nil.                       |
| 9.  | ATS units provided with information                         | Khajuraho ATC and ACS.     |
| 10. | AD Additional information (limitation of service, etc.)     | Documentation provided A/R |

**VAKJ 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 RWY |
|---------------------------|---------------------------|------------------------------|---|-------------------------|--|
| 1                         | 2                         | 3                            | 4   | 5                       | 6  |
| 01                        | 013°30'GEO<br>013°45'MAG  | 1829X45M                     | PCN<br>31/F/C/W/U<br>Bitumen                          | 244842.5N<br>0795502.3E | THR 222M/728FT   |
| 19                        | 193°30'GEO<br>193°45'MAG  | 1829X45M                     | PCN<br>31/F/C/W/U<br>Bitumen                          | 244940.0N<br>0795516.6E | THR210M/688FT  |
| Slope of<br>RWY-<br>SWY   | SWY<br>dimensions<br>( M) | CWY<br>dimensi<br>ons<br>(M) | Strip<br>dimensions<br>(M)                            | OFZ                     | Remarks  |
| 7                         | 8                         | 9                            | 10  | 11                      | 12   |
| +0.69 %                   | 61X45                     | ---                          | 2073X150  | ---                     | ---  |
| -0.69 %                   | 61X45                     | ---                          | 2073X150  | ---                     | ---  |

**VAKJ 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       |
| 01              | 1829        | 1829        | 1890        | 1829       | ----    |
| 19              | 1829        | 1829        | 1890        | 1829       | ----    |

**VAKJ 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,LGT<br>LEN | RWY<br>Centerline,<br>LGT, Length<br>Spacing<br>Color, INTST | RWY Edge, LGT,LEN<br>Spacing<br>Color,INTST |
|---------------------|-------------------------------------|---------------------------|-------------------------|----------------|--|---|
| 1                   | 2                                   | 3                         | 4                       | 5              | 6  | 7   |
| 01                  | ---                                 | Green                     | PAPI<br>Left/3°         | ---            | ---  | 1829M<br>60M<br>White, LIH                  |
| 19                  | SALS<br>150M<br>LIH                 | Green                     | PAPI<br>Left/3°         | ---            | ---  | 1829M<br>60M<br>White, LIH                  |

| RWY<br>END<br>LGT<br>COLOUR<br>WBAR | SWY<br>LGT<br>LEN(M)<br>Colour | Remarks |
|-------------------------------------|--------------------------------|---------|
| 8                                   | 9                              | 10      |
| Red                                 | ---                            | ---     |
| Red                                 | ---                            | ---     |

**VAKJ 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   | 100M from ARP, Unlighted                     |
|    |  | Anemometer  | ---  |
| 3. | TWY edge and centre line lighting                        | Edge  | All TWY                                      |
|    |  | Centre line   | ---  |
| 4. | Secondary power supply/switch-over Time                  | Secondary Power supply to all lighting at AD. Switch-over time :05 SEC. |  |
| 5. | Remarks  | Nil   |  |

**VAKJ AD 2.16 HELICOPTER LANDING AREA**

Not Established.

**VAKJ AD 2.17 ATS AIRSPACE**

|    |                                   |  |
|----|-----------------------------------|--|
| 1. | Designation and lateral limits    | Khajuraho CTR<br>A circle , radius 46KM (25NM) Centred at 244913.5N 0795500.3E (NDB) "KJ".   |
| 2. | Vertical limits                   | SFC to FL160)  |
| 3. | Airspace classification           | D  |
| 4. | ATS unit call sign<br>Language(s) | Khajuraho Tower<br>English   |
| 5. | Transition altitude               | 4000FT MSL   |
| 6. | Remarks                           | To avoid damage to ancient temples, aircraft departing from RWY01 to continue straight ahead maintaining normal rate of climb upto 5NM and thereafter turn right or left to establish on track or as directed by Khajuraho(ATC). |

**VAKJ AD 2.18 ATS COMMUNICATION FACILITIES**

| Service Designator | Call sign       | Frequency | Hours of operation | Remarks |
|--------------------|-----------------|-----------|--------------------|---------|
| 1                  | 2               | 3         | 4                  | 5       |
| TWR                | Khajuraho Tower | 118.15MHz | As ATS             | Nil     |

**VAKJ 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>transmittin<br>g<br>antenna<br>coordinates | Elevatio<br>n of<br>DME<br>trans-<br>-<br>mitting<br>antenn<br>a | Remarks                 |
|---|------|------------------|-----------------------|---|--|-------------------------|
| 1   | 2    | 3                | 4                     | 5   | 6  | 7                       |
| DVOR  | KKJ  | 116.4MHz         | H24                   | 244853.5N<br>0795507.3E                               | ---  | ---                     |
| DME   | KKJ  | 1135/1198<br>MHz | H24                   | 244853.5N<br>0795507.3E                               | 737FT  | Collocated<br>with DVOR |
| NDB   | KJ   | 403KHz           | As ATS                | 244913.5N<br>0795500.3E                               | ---  | ---                     |
| LLZ19<br>ILS CAT-I  | IKJR | 110.7MHz         | As ATS                | 244837.5N<br>0795500.3E                               | ---  | ---                     |
| GP19  | ---  | 330.2 MHz        | As ATS                | 244929.5N<br>0795518.2E                               | ---  | 3°,RDH/50F<br>T         |
| DME(ILS)  | IKJR | 1068/1005<br>MHz | As ATS                | 244929.5N<br>0795518.2E                               | 729FT  | Collocated<br>with GP19 |

**VAKJ AD 2.20 LOCAL TRAFFIC REGULATIONS**

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**VAKJ AD 2.21 NOISE ABATEMENT PROCEDURES**

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**VAKJ AD 2.22 FLIGHT PROCEDURES**

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**VAKJ AD 2.23 ADDITIONAL INFORMATION**

1. RWY LGT.
  - a) High intensity variable edge lights sparing 60M range point 2%, 1%, 25% and 100%
  - b) First 600M orange color the remaining white.
  - c) End lights Red unidirectional
  - d) THR PAD lgts. Blue color both ends.
  - e) Turning pad lgts. Blue color both ends.
2. AVASIS 2 bar RWY 19 glide angle 3 Deg Azimuth coverage plus minus 1° range 8NM at 100% OBST clearance satisfactory.
3. TWY and Apron edge lights are medium intensity blue lights.
4. Apron flood lights.

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

1. ILS RWY 19
2. VOR (X) RWY 19
3. VOR (Y) RWY 19
4. NDB RWY 19(CAT A/B)
5. NDB RWY 19(CAT C)