

**AD 2. AERODROMES****VOPN AD 2.1 AERODROME LOCATION INDICATOR AND NAME**

VOPN - SRI SATHYA SAI / DOMESTIC

**VOPN AD 2.2 AERODROME GEOGRAPHICAL AND ADMINISTRATIVE DATA**

|   |  |   |
|---|--|---|
| 1 | Aerodrome reference point coordinates and its site   | 140853N 0774726E<br>093 DEG/ 814M from THR RWY 09.  |
| 2 | Direction and distance of aerodrome reference point from the centre of the city or town which the aerodrome serves | 4.5KM West of PRASANTHI NILAYAM   |
| 3 | Aerodrome elevation and reference temperature  | 1569 FT / 38.0 DEG C  |
| 4 | Magnetic variation, date of information and annual change  | 1.82 DEG W (2001) /0.016667 DEG W   |
| 5 | Name of aerodrome operator, address, telephone, telefax, e-mail address, AFS address, website (if available)       | Airport Director,<br>Sri Sathya Sai Airport,<br>Prashanthi NILayam - 515134<br>Andhra Pradesh |
|   | Telephone:   | +91-8555-287346<br>+91-8555-287365  |
|   | Fax:   | +91-8555-287346<br>+91-8555-287365<br>+91-8555-287390   |
|   | AFS:   |   |
|   | Email:   |   |
| 6 | Types of traffic permitted (IFR/VFR)   | VFR   |
| 7 | Remarks  | Day Operation   |

**VOPN AD 2.3 OPERATIONAL HOURS**

|    |                            |  |
|----|----------------------------|--|
| 1  | Aerodrome Operator         | MON-SAT 0230-0630 UTC and 0830-1230 UTC<br>(0800-1200IST , 1400-1800 IST)  |
| 2  | Custom and immigration     | NIL  |
| 3  | Health and sanitation      |  |
| 4  | AIS briefing office        | AS ATS   |
| 5  | ATS reporting office (ARO) | AS ATS   |
| 6  | MET Briefing office        | NIL  |
| 7  | Air Traffic Service        | 1 Hr 30 Mts before arrival and 30 Mts after departure of schedule/<br>non-schedule services see NOTAM for ATS HR |
| 8  | Fuelling                   | NIL  |
| 9  | Handling                   | AS ATS   |
| 10 | Security                   | As ATS   |
| 11 | De-icing                   | NIL  |
| 12 | Remarks                    | 48HRS prior notice required for NON-SKED flights   |

#### VOPN AD 2.4 HANDLING SERVICES AND FACILITIES

|   |   |  |
|---|---|--|
| 1 | Cargo-handling facilities               | NOT AVBL   |
| 2 | Fuel and Oil types                      | NOT AVBL   |
| 3 | Fuelling facilities and capacity        | NOT AVBL   |
| 4 | De-icing facilities                     | NOT AVBL   |
| 5 | Hangar space for visiting aircraft      | NOT AVBL   |
| 6 | Repair facilities for visiting aircraft | NOT AVBL   |
| 7 | Remarks                                 | Operating airlines have branches with handling expertise |

#### VOPN AD 2.5 PASSENGER FACILITIES

|   |   |  |
|---|---|--|
| 1 | Hotel(s) at or in the vicinity of aerodrome             | In the city  |
| 2 | Restaurant(s) at or in the vicinity of aerodrome        | In the city  |
| 3 | Transportation possibilities                            | Taxis/Bus & Airport coach  |
| 4 | Medical Facilities                                      | Super Specialty Hospital 1KM West & General Hospital 4KM of airport      |
| 5 | Bank and post office at or in the vicinity of aerodrome | Banks: In the city<br>Post office: In the city                           |
| 6 | Tourist office  | A.P. Tourist Office, Tel +91-8555-289565                                 |
| 7 | Remarks   | Boarding & lodging also available at A.P.Tourism's 'SAI ARAMAM' complex. |

#### VOPN AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

|   |   |  |
|---|---|--|
| 1 | Aerodrome category for fire fighting        | Within ATS HR: CAT-5                               |
| 2 | Rescue equipment                            | Limited equipment with CFT's, Ambulance available. |
| 3 | Capability for removal of disabled aircraft | NIL  |
| 4 | Remarks                                     | NIL  |

#### VOPN AD 2.7 SEASONAL AVAILABILITY CLEARING

|   |                               |   |
|---|-------------------------------|---|
| 1 | Type(s) of clearing equipment | NIL                                       |
| 2 | Clearance priorities          | Water Patches removal after rains         |
| 3 | Remarks                       | Aerodrome serviceable during all seasons. |

**VOPN AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA**

|   |  |  |
|---|--|--|
| 1 | Designation, surface and strength of aprons          | Designator: APRON<br>Surface: Concrete<br>Strength: PCN 50/R/A/W/T             |
| 2 | Designation, width, surface and strength of taxiways | Designator: TWY<br>Width: 23 M<br>Surface: Asphalt<br>Strength: PCN 50/F/A/W/T |
| 3 | Location and elevation of altimeter checkpoints      | Location: Apron<br>Elevation: 1538FT   |
| 4 | Location of VOR checkpoints                          | NOT AVBL   |
| 5 | Position of INS checkpoints                          | NOT AVBL   |
| 6 | Remarks  | Dimension of apron 90MX60M   |

**VOPN AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS**

|   |  |  |
|---|--|--|
| 1 | Use of aircraft stand identification signs, taxiway guidelines and visual docking/parking guidance system at aircraft stands | Taxi guidance by RT,<br>Guidelines on Apron.   |
| 2 | Runway and taxiway markings and lights   | RWY Markings: Designation THR, FD, Centerlines, turning<br>Guidelines on dumbbells reducing distance markers.<br>RWY Lighting: NIL.<br><br>TWY Markings: Centerline & Holding Position.<br>TWY Lighting: NIL |
| 3 | Stop bars (if any)   | NIL  |
| 4 | Remarks  | NIL  |

**VOPN AD 2.10 AERODROME OBSTACLES**

| In Approach/Take-off/Circling Area and at AD |                      |                         |           |             |            |
|--|----------------------|-------------------------|-----------|-------------|------------|
| 1  | 2                    | 3                       | 4         | 5           | 6          |
| RWY/Area affected                            | Obstacle type        | Coordinates             | Elevation | Marking/LGT | Remarks    |
| 27/APCH<br>09/TKOF                           | BUILDING             | 140818.7N<br>0774806.6E | 1548 FT   | NIL         | Building   |
| 27/APCH<br>09/TKOF                           | BUILDING             | 140818.7N<br>0774807.8E | 1574 FT   | NIL         | Building   |
| 27/TKOF<br>09/APCH                           | NATURAL<br>HIGHPOINT | 140858.2N<br>0774630.0E | 1597 FT   | NIL         | Hill No.16 |
| 27/TKOF<br>09/APCH                           | NATURAL<br>HIGHPOINT | 140903.3N<br>0774558.0E | 1653 FT   | NIL         | Hill No.60 |
| 27/TKOF<br>09/APCH                           | NATURAL<br>HIGHPOINT | 140903.6N<br>0774535.1E | 1716 FT   | NIL         | Hill No.62 |
| In circling area and<br>at AD                | NATURAL<br>HIGHPOINT | 141023.9N<br>0774725.8E | 1614 FT   | NIL         | Hill No.2  |
| In circling area and<br>at AD                | NATURAL<br>HIGHPOINT | 140912.8N<br>0774808.1E | 1788 FT   | NIL         | Hill No.5  |
| In circling area and<br>at AD                | NATURAL<br>HIGHPOINT | 140925.4N<br>0774818.2E | 1873 FT   | NIL         | Hill No.6  |
| In circling area and<br>at AD                | NATURAL<br>HIGHPOINT | 140827.2N<br>0774949.0E | 1788 FT   | NIL         | Hill No.35 |
| In circling area and<br>at AD                | NATURAL<br>HIGHPOINT | 140801.1N<br>0774850.2E | 1732 FT   | NIL         | Hill No.37 |
| In circling area and<br>at AD                | NATURAL<br>HIGHPOINT | 140828.3N<br>0774803.6E | 1667 FT   | NIL         | Hill No.36 |

| In Approach/Take-off/Circling Area and at AD |                   |                         |           |             |                 |
|--|-------------------|-------------------------|-----------|-------------|-----------------|
| 1  | 2                 | 3                       | 4         | 5           | 6               |
| RWY/Area affected                            | Obstacle type     | Coordinates             | Elevation | Marking/LGT | Remarks         |
| In circling area and at AD                   | NATURAL HIGHPOINT | 140728.2N<br>0774746.6E | 1798 FT   | NIL         | Hill No.45      |
| In circling area and at AD                   | NATURAL HIGHPOINT | 140808.9N<br>0774719.1E | 1759 FT   | NIL         | Hill No.49      |
| In circling area and at AD                   | NATURAL HIGHPOINT | 140824.5N<br>0774651.8E | 1608 FT   | NIL         | Hill No.55      |
| In circling area and at AD                   | NATURAL HIGHPOINT | 140726.0N<br>0774536.1E | 2031 FT   | NIL         | Hill No.57      |
| In circling area and at AD                   | NATURAL HIGHPOINT | 141016.8N<br>0774519.6E | 1877 FT   | NIL         | Hill No.64      |
| In circling area and at AD                   | NATURAL HIGHPOINT | 140913.7N<br>0774708.4E | 1693 FT   | NIL         | Hill No.65      |
| In circling area and at AD                   | DOME              | 140906.7N<br>0774605.6E | 1611 FT   | NIL         | DOME<br>SSSIHMS |
| In circling area and at AD                   | POLE              | 140859.7N<br>0774704.6E | 1581 FT   | LGTD        | NDB<br>MAST     |
| In circling area and at AD                   | CONTROL TOWER     | 140857.7N<br>0774700.6E | 1548 FT   | LGTD        | Ctrl TWR        |
| In circling area and at AD                   | NATURAL HIGHPOINT | 140635.8N<br>0774729.7E | 2159 FT   | NIL         | Hill No.48      |
| In circling area and at AD                   | NATURAL HIGHPOINT | 141137.0N<br>0774805.0E | 1749 FT   | NIL         | Hill No.4       |

**VOPN AD 2.11 METEOROLOGICAL INFORMATION PROVIDED**

|    |   |   |
|----|---|---|
| 1  | Name of the associated meteorological office  | NIL   |
| 2  | Hours of service and, where applicable, the designation of the responsible meteorological office outside these hours                            | Restricted 2 Hrs before SKED FLT and on 48 Hrs prior notice |
| 3  | Office responsible for preparation of TAFs and periods of validity and interval of issuance of the forecasts                                    | India Meteorological Office Airport, Hyderabad              |
| 4  | Availability of the trend forecast for the aerodrome and interval of issuance   | METAR<br>30 Minutes   |
| 5  | Information on how briefing and/or consultation is provided   | Personal Consultation                                       |
| 6  | Types of flight documentation supplied and language(s) used in flight documentation   | NIL   |
| 7  | Charts and other information displayed or available for briefing or consultation  | NIL- if needed from IMD airport- Hyderabad by fax.          |
| 8  | Supplementary equipment available for providing information on meteorological conditions, e.g. weather radar and receiver for satellite images; | Telefax in TWR  |
| 9  | The air traffic services unit(s) provided with meteorological information   | VOPN TWR (Sathya Sai TWR)                                   |
| 10 | Additional information, e.g. concerning any limitation of service.  | IMD provides rated staff to cover flights                   |

**VOPN AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS**

| Designations | TRUE Bearings | Dimensions of RWY (M) | Strength of pavement (PCN) and associated data) and surface of runway and associated stopways | Geographical coordinates for threshold and runway end |
|--------------|---------------|-----------------------|---|---|
| 1            | 2             | 3                     | 4   | 5   |
| 09           | 91.00 DEG     | 2224 x 45 M           | 50/F/A/W/T<br>Asphalt   | THR:<br>140856.50N<br>0774654.40E                     |
| 27           | 271.00 DEG    | 2224 x 45 M           | 50/F/A/W/T<br>Asphalt   | THR:<br>140853.40N<br>0774805.10E                     |

| THR elevation and highest elevation of TDZ of precision APP RWY | Slope of runway and associated stopway | Dimensions of stopway (M) | Dimensions of clearway (M) | Dimensions of strips (M) |
|---|--|---------------------------|----------------------------|--------------------------|
| 6   | 7                                      | 8                         | 9                          | 10                       |
| THR: 1540.0FT<br>TDZ:   | 0.39%                                  | NIL                       | NIL                        | 2441 x 152 M             |
| THR: 1563.7FT<br>TDZ:   | 0.39%                                  | NIL                       | NIL                        | 2441 x 152 M             |

| Dimensions of runway end safety areas | Location and description of arresting system (if any) | Existence of an obstacle-free zone | Remarks. |
|---------------------------------------|---|------------------------------------|----------|
| 11                                    | 12  | 13                                 | 14       |
| 90M x 90M                             |   | NIL                                | NIL      |
| 90M x 90M                             |   | NIL                                | NIL      |

**VOPN AD 2.13 DECLARED DISTANCES**

| RWY Designator | Take-off run available TORA (M) | Take-off distance available TODA (M) | Accelerate distance available ASDA (M) | Landing distance available LDA (M) | Remarks (including runway entry or start point where alternative reduced declared distances have been declared) |
|----------------|---------------------------------|--------------------------------------|--|------------------------------------|---|
| 1              | 2                               | 3                                    | 4                                      | 5                                  | 6   |
| 09             | 2131                            | 2131                                 | 2131                                   | 2131                               |   |
| 27             | 2131                            | 2131                                 | 2131                                   | 2131                               |   |

**VOPN AD 2.14 APPROACH AND RUNWAY LIGHTING**

| Runway Designator  | Type, length and intensity of approach lighting system      | Runway threshold lights, colour and wing bars | Type of visual slope indicator system | Length of runway touchdown zone lights |
|--|---|---|---------------------------------------|--|
| 1  | 2   | 3   | 4                                     | 5                                      |
| 09   | NIL   | NIL   | PAPI<br>LEFT/3.00 DEG                 | NIL                                    |
| 27   | NIL   | NIL   | PAPI<br>LEFT/3.00 DEG                 | NIL                                    |
| Length, spacing, colour and intensity of runway centre line lights | Length, spacing, colour and intensity of runway edge lights | Colour of runway end lights and wing bars     | Length and colour of stopway lights   | Remarks                                |
| 6  | 7   | 8   | 9                                     | 10                                     |
|  |   | NIL   | NIL                                   | Day operations only                    |
|  |   | NIL   | NIL                                   | Day operations only                    |

**VOPN AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY**

|   |   |  |   |
|---|---|--|---|
| 1 | Location, characteristics and hours of operation of aerodrome beacon/identification beacon (if any) | ABN<br>IBN                                     | NIL   |
| 2 | Location and lighting (if any) of anemometer/landing direction indicator;                           | LDI<br>Anemometer                              | Landing T provided, unlighted<br>Over Control Tower |
| 3 | Taxiway edge and taxiway centre line lights;  | Edge<br>Centre Line                            | NIL<br>NIL  |
| 4 | Secondary power supply including switch-over time;  | Available– Switch over 30 Sec.                 |   |
| 5 | Remarks   | UPS available for VHF – Battery – Backed - NDB |   |

**VOPN AD 2.16 HELICOPTER LANDING AREA**

|   |   |                 |
|---|---|-----------------|
| 1 | Geographical coordinates of the geometric centre of touchdown and lift-off (TLOF) or of each threshold of final approach and take-off (FATO) area | Not established |
| 2 | TLOF and/or FATO area elevation:  | Not established |
| 3 | TLOF and FATO area dimensions to the nearest metre or foot, surface type, bearing strength and marking;   | Not established |
| 4 | True bearings of FATO;  | Not established |
| 5 | Declared distances available  | Not established |
| 6 | Approach and FATO lighting;   | Not established |
| 7 | Remarks   | Not established |

**VOPN AD 2.17 AIR TRAFFIC SERVICE AIRSPACE**

|   |   |  |
|---|---|--|
| 1 | Airspace designation, geographical coordinates and lateral limits             | CTR: Prashanthi Nilayam control, within the vicinity Of AD |
| 2 | Vertical limits   | 5500 FT  |
| 3 | Airspace classification   | D  |
| 4 | Call sign and language(s) of the air traffic services unit providing service; | Sri Sathya Sai Tower, English                              |
| 5 | Transition altitude   | 5500 FT  |
| 6 | Hours of applicability  |  |
| 7 | Remarks   |  |

**VOPN AD 2.18 AIR TRAFFIC SERVICES COMMUNICATION FACILITIES**

| Service Designation | Call sign            | Channel(s)  | SATVOICE Number(s), if available |
|---------------------|----------------------|-------------|----------------------------------|
| 1                   | 2                    | 3           | 4                                |
| TWR                 | Sri Sathya Sai Tower | 118.400 MHZ |                                  |

| Logon address, as appropriate | Hours of operation | Remarks |
|-------------------------------|--------------------|---------|
| 5                             | 6                  | 7       |
|                               | As ATS             | NIL     |

**VOPN AD 2.19 RADIO NAVIGATION AND LANDING AIDS**

| Type of aids, magnetic variation and type of supported operation for ILS/MLS, basic GNSS, SBAS and GBAS, and for VOR/ILS/MLS station used for technical lineup of the aid | Identification | Frequency(ies), Channel number(s), Service provider, and reference path identifier(s) (RPI), as appropriate | Hours of operation, as appropriate; |
|---|----------------|---|-------------------------------------|
| 1   | 2              | 3   | 4                                   |
| NDB   | SAI            | 241 kHz   | As ATS                              |

| Geographical coordinates of the position of the transmitting antenna | Elevation of transmitting antenna of DME/ elevation of GBAS reference point | Service volume radius from the GBAS reference point | Remarks |
|--|---|---|---------|
| 5  | 6   | 7   | 8       |
| 140859.7N<br>0774704.6E  |   |   | 50 W    |

**VOPN AD 2.20 LOCAL AERODROME REGULATIONS**

NIL

**VOPN AD 2.21 NOISE ABATEMENT PROCEDURES**

NIL

**VOPN AD 2.22 FLIGHT PROCEDURES**

NIL

**VOPN AD 2.23 ADDITIONAL INFORMATION**

- i. Pilots should check the availability and proper functioning of Sri Sathya Sai airport NDB and the aircraft capability in getting proper VOR/DME information from Bengaluru and Bellary to ascertain proper positioning of aircraft before descending below 7500feet.
- ii. For scheduled operations operators are required to file SOPs for their operation with the DGCA and obtain approval therefore. The SOPs shall include obtaining prior briefing for operating each to SSS airport.
- iii. All non-scheduled jet aircraft require prior permission of the DGCA in addition to that Sri Sathya Sai airport authority, for operating to/from Sri Sathya Sai airport.

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

NIL