

# VNKT - Kathmandu - Kathmandu Tribhuvan Intl

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## Airport details

|             |                    |
|-------------|--------------------|
| State       | Bagmati            |
| Country     | Nepal              |
| Region      | VN                 |
| Elevation   | 4390ft (1338m)     |
| Timezone    | GMT +5.75          |
| Coordinates | 27.69716, 85.35793 |
| Type        | land               |
| ICAO code   | VNKT               |
| IATA code   | KTM                |
| FAA code    | n/a                |

## Runway info

|                        |                         |
|------------------------|-------------------------|
| Runway 02 / 20         |                         |
| length                 | 3090m (10138ft)         |
| bearing                | 24° / 204°              |
| width                  | 45m (148ft)             |
| surface                | asphalt                 |
| displacement threshold | 298m (978ft) / 2m (7ft) |

## Communication

|  |         |
|--|---------|
| Kathmandu Tribhuvan Intl<br>KATHMANDU ATIS | 127.000 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU ATIS | 127.000 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU ATIS | 127.000 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU ATIS | 127.000 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU GND  | 121.900 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU GND  | 121.900 |
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| Kathmandu Tribhuvan Intl<br>KATHMANDU GND  | 121.900 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU TWR  | 118.500 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU TWR  | 118.100 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU TWR  | 118.100 |

|   |         |
|---|---------|
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| Kathmandu Tribhuvan Intl<br>KATHMANDU APP | 120.600 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU APP | 125.100 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU APP | 120.600 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU APP | 120.600 |
| Kathmandu Tribhuvan Intl<br>KATHMANDU APP | 125.100 |
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| Kathmandu Tribhuvan Intl<br>KATHMANDU APP | 125.100 |

## Nearby beacons

| code | identifier                 | dist | bearing | frequency |
|------|----------------------------|------|---------|-----------|
| KAM  | KATHMANDU NDB              | 0.3  | 232.8°  | 318       |
| KTM  | KATHMANDU VOR/DME          | 1.4  | 201.5°  | 113.20    |
| LTH  | THECHO (KATHMANDU) NDB     | 5.4  | 202.2°  | 230       |
| LNC  | NALINCHOWK (KATHMANDU) NDB | 6.3  | 113.6°  | 252       |
| SMR  | SIMARA VOR/DME             | 37.7 | 215.1°  | 112.90    |
| BHP  | BHARATPUR NDB              | 49.3 | 268.9°  | 295       |
| JKP  | JANAKPUR NDB               | 66.3 | 150.2°  | 287       |

## Departure and arrival routes

|                     |         |
|---------------------|---------|
| Transition altitude | 13500ft |
| Transition level    | 15000ft |

| SID end points         | distance | outbound direction |
|------------------------|----------|--------------------|
| RW02                   |          |                    |
| IGRI1B                 | 51.0     | 149°               |
| DARK1E, DARK1D, DARK1C | 37.7     | 215°               |
| RW20                   |          |                    |
| IGRI1A                 | 51.0     | 149°               |
| DARK1A, DARK1B         | 37.7     | 215°               |

| <b>STAR starting points</b> | <b>distance</b> | <b>inbound direction</b> |
|-----------------------------|-----------------|--------------------------|
| ALL                         |                 |                          |
| ROME0                       | 41.6            | 24°                      |
| SMR                         | 37.7            | 35°                      |
| NAYAK                       | 25.5            | 87°                      |
| BIDUR                       | 24.9            | 107°                     |
| RW02                        |                 |                          |
| ROME2R                      | 41.6            | 24°                      |
| SMRA2R                      | 37.7            | 35°                      |
| KMTI1R                      | 49.9            | 282°                     |
| DLAL1R                      | 30.1            | 283°                     |
| IGRS1R                      | 15.0            | 288°                     |
| DARM1R                      | 24.7            | 305°                     |
| MUNA1R                      | 36.7            | 339°                     |

## Holding patterns

| <b>STAR name</b> | <b>hold at</b> | <b>type</b> | <b>turn</b> | <b>heading*</b> | <b>altitude</b>      | <b>leg</b>      | <b>speed limit</b> |
|------------------|----------------|-------------|-------------|-----------------|----------------------|-----------------|--------------------|
| DARM1R           | RATAN          | VHF         | left        | 202 (22)°       | 10500ft -<br>19000ft | 1.0min<br>timed | 230                |
| DLAL1R           | RATAN          | VHF         | left        | 202 (22)°       | 10500ft -<br>19000ft | 1.0min<br>timed | 230                |
| IGRS1R           | RATAN          | VHF         | left        | 202 (22)°       | 10500ft -<br>19000ft | 1.0min<br>timed | 230                |
| KMTI1R           | MUNAL          | VHF         | left        | 90 (270)°       | 10500ft -<br>19000ft | 1.0min<br>timed | 230                |
| KMTI1R           | RATAN          | VHF         | left        | 202 (22)°       | 10500ft -<br>19000ft | 1.0min<br>timed | 230                |
| MUNA1R           | MUNAL          | VHF         | left        | 90 (270)°       | 10500ft -<br>19000ft | 1.0min<br>timed | 230                |
| MUNA1R           | RATAN          | VHF         | left        | 202 (22)°       | 10500ft -<br>19000ft | 1.0min<br>timed | 230                |
| ROME2R           | RATAN          | VHF         | left        | 202 (22)°       | 10500ft -<br>19000ft | 1.0min<br>timed | 230                |
| ROME0            | GURAS          | VHF         | left        | 202 (22)°       | 11500ft -<br>13500ft | 1.0min<br>timed | 230                |
| SMR              | GURAS          | VHF         | left        | 202 (22)°       | 11500ft -<br>13500ft | 1.0min<br>timed | 230                |
| SMRA2R           | RATAN          | VHF         | left        | 202 (22)°       | 10500ft -<br>19000ft | 1.0min<br>timed | 230                |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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To be used with X-Plane simulation only