

# ZGGG - Guangzhou (canton) - Guangzhou Baiyun Intl

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## Airport details

|             |                     |
|-------------|---------------------|
| State       | Guangdong Province  |
| Country     | China               |
| Region      | ZG                  |
| Elevation   | 45ft (14m)          |
| Timezone    | GMT +8              |
| Coordinates | 23.39333, 113.30833 |
| Type        | land                |
| ICAO code   | ZGGG                |
| IATA code   | CAN                 |
| FAA code    | n/a                 |

## Runway info

|                        |                             |
|------------------------|-----------------------------|
| Runway 02R / 20L       |                             |
| length                 | 3815m (12516ft)             |
| bearing                | 15° / 195°                  |
| width                  | 60m (197ft)                 |
| surface                | concrete                    |
| blast zone             | 118m (387ft) / 119m (390ft) |
| Runway 02L / 20R       |                             |
| length                 | 3811m (12503ft)             |
| bearing                | 15° / 195°                  |
| width                  | 60m (197ft)                 |
| surface                | concrete                    |
| displacement threshold | 0m (0ft) / 200m (656ft)     |
| blast zone             | 119m (390ft) / 121m (397ft) |
| Runway 01 / 19         |                             |
| length                 | 3614m (11857ft)             |
| bearing                | 15° / 195°                  |
| width                  | 45m (148ft)                 |
| surface                | concrete                    |
| blast zone             | 121m (397ft) / 119m (390ft) |

## Communication

|                                    |         |
|------------------------------------|---------|
| Guangzhou Baiyun Intl ATIS ARRIVAL | 128.600 |
| Guangzhou Baiyun Intl ATIS ARRIVAL | 128.600 |
| Guangzhou Baiyun Intl ATIS         | 127.000 |
| DEPARTURE                          |         |
| Guangzhou Baiyun Intl ATIS ARRIVAL | 128.600 |

|                                    |         |
|------------------------------------|---------|
| Guangzhou Baiyun Intl ATIS         | 127.000 |
| DEPARTURE                          |         |
| Guangzhou Baiyun Intl ATIS ARRIVAL | 128.600 |
| Guangzhou Baiyun Intl ATIS         | 127.000 |
| DEPARTURE                          |         |
| Guangzhou Baiyun Intl ATIS         | 127.000 |
| DEPARTURE                          |         |
| Guangzhou Baiyun Intl DELIVERY     | 121.950 |
| Guangzhou Baiyun Intl DELIVERY     | 121.950 |
| Guangzhou Baiyun Intl DELIVERY     | 121.950 |
| Guangzhou Baiyun Intl DELIVERY     | 121.950 |
| Guangzhou Baiyun Intl GND EAST     | 121.750 |
| Guangzhou Baiyun Intl GND WEST     | 121.850 |
| Guangzhou Baiyun Intl GND WEST     | 121.850 |
| Guangzhou Baiyun Intl GND EAST     | 121.750 |
| Guangzhou Baiyun Intl GND EAST     | 121.750 |
| Guangzhou Baiyun Intl GND WEST     | 121.850 |
| Guangzhou Baiyun Intl GND WEST     | 121.850 |
| Guangzhou Baiyun Intl GND EAST     | 121.750 |
| Guangzhou Baiyun Intl TWR 02R/20L  | 118.250 |
| Guangzhou Baiyun Intl TWR 02L/20R  | 118.100 |
| Guangzhou Baiyun Intl TWR 02R/20L  | 118.250 |
| Guangzhou Baiyun Intl TWR 01/19    | 118.800 |
| Guangzhou Baiyun Intl TWR 02L/20R  | 118.100 |
| Guangzhou Baiyun Intl TWR 01/19    | 118.800 |
| Guangzhou Baiyun Intl TWR 02R/20L  | 118.250 |
| Guangzhou Baiyun Intl TWR 01/19    | 118.800 |
| Guangzhou Baiyun Intl TWR 02R/20L  | 118.250 |
| Guangzhou Baiyun Intl TWR 02L/20R  | 118.100 |
| Guangzhou Baiyun Intl TWR 01/19    | 118.800 |
| Guangzhou Baiyun Intl TWR 02L/20R  | 118.100 |
| Guangzhou Baiyun Intl GUANGZHOU    | 126.350 |
| Guangzhou Baiyun Intl GUANGZHOU    | 126.550 |
| ARRIVAL                            |         |
| Guangzhou Baiyun Intl GUANGZHOU    | 126.550 |
| ARRIVAL                            |         |
| Guangzhou Baiyun Intl GUANGZHOU    | 120.400 |
| Guangzhou Baiyun Intl GUANGZHOU    | 126.350 |
| Guangzhou Baiyun Intl GUANGZHOU    | 120.400 |
| Guangzhou Baiyun Intl GUANGZHOU    | 126.350 |
| Guangzhou Baiyun Intl GUANGZHOU    | 120.400 |
| Guangzhou Baiyun Intl GUANGZHOU    | 126.350 |
| Guangzhou Baiyun Intl GUANGZHOU    | 120.400 |
| Guangzhou Baiyun Intl GUANGZHOU    | 126.550 |
| ARRIVAL                            |         |
| Guangzhou Baiyun Intl GUANGZHOU    | 126.550 |
| ARRIVAL                            |         |
| Guangzhou Baiyun Intl GUANGZHOU    | 119.700 |
| Guangzhou Baiyun Intl GUANGZHOU    | 119.700 |

Guangzhou Baiyun Intl GUANGZHOU 119.700

Guangzhou Baiyun Intl GUANGZHOU 119.700

## Approach frequencies

|           |     |        |         |
|-----------|-----|--------|---------|
| ILS-cat-I | 20L | 111.9  | 18.00mi |
| ILS-cat-I | 19  | 111.5  | 18.00mi |
| ILS-cat-I | 01  | 109.3  | 18.00mi |
| ILS-cat-I | 02R | 108.5  | 18.00mi |
| ILS-cat-I | 02L | 110.35 | 18.00mi |
| ILS-cat-I | 20R | 110.75 | 18.00mi |
| 3° GS     | 20L | 111.9  | 18.00mi |
| 3° GS     | 20R | 110.75 | 18.00mi |
| 3° GS     | 02L | 110.35 | 18.00mi |
| 3° GS     | 19  | 111.5  | 18.00mi |
| 3° GS     | 02R | 108.5  | 18.00mi |
| 3° GS     | 01  | 109.3  | 18.00mi |

## Nearby beacons

| code | identifier       | dist | bearing | frequency |
|------|------------------|------|---------|-----------|
| CEN  | CENCUN VOR/DME   | 15.6 | 155.8°  | 114.60    |
| FO   | GUANGZHOU NDB    | 15.7 | 194.6°  | 410       |
| TAN  | YUANTAN VOR/DME  | 16.9 | 346.3°  | 112.50    |
| CON  | CONGHUA VOR/DME  | 19.2 | 54.9°   | 113       |
| POU  | PINGZHOU VOR/DME | 23.2 | 197.6°  | 114.10    |
| SHL  | SHILONG VOR/DME  | 34.9 | 119.1°  | 115.70    |
| YIN  | YINGDE VOR/DME   | 48.2 | 7.6°    | 113.50    |
| GYA  | GAOYAO VOR/DME   | 49.3 | 248.5°  | 116.50    |
| NLG  | NANLANG VOR/DME  | 53.6 | 163.6°  | 117.70    |
| GLN  | GUANLAN VOR/DME  | 57.4 | 133.3°  | 112       |
| SHK  | SHEKOU VOR/DME   | 63.1 | 146.4°  | 115.90    |
| WYN  | WENGYUAN VOR/DME | 72.4 | 40°     | 113.90    |

## Departure and arrival routes

Transition altitude 8858ft

| SID end points                 | distance | outbound direction |
|--------------------------------|----------|--------------------|
| RW01                           |          |                    |
| YIN1A, YIN1X, YIN86D           | 48.2     | 8°                 |
| LMN1A, LMN86D                  | 58.1     | 76°                |
| SARE1G, SARE1A, SAR88D, SAR87D | 32.2     | 161°               |
| VIBO1G, VIBO1A, VIB88D, VIB87D | 46.1     | 179°               |
| RW02L                          |          |                    |
| YIN81D, YIN1Y, YIN1C           | 48.2     | 8°                 |
| LMN81D, LMN1C                  | 58.1     | 76°                |
| SARE1J, SARE1C, SAR81D         | 32.2     | 161°               |

|                              |      |      |
|------------------------------|------|------|
| VIBO1J, VIBO1C, VIB81D       | 46.1 | 179° |
| RW02R                        |      |      |
| YIN84D, YIN1Z, YIN1E         | 48.2 | 8°   |
| LMN1E, LMN84D                | 58.1 | 76°  |
| SARE1E, SAR84D, SARE1L       | 32.2 | 161° |
| VIBO1L, VIBO1E, VIB84D       | 46.1 | 179° |
| RW19                         |      |      |
| YIN98D, YIN97D, YIN1B, YIN1H | 48.2 | 8°   |
| LMN96D, LMN1B                | 58.1 | 76°  |
| SARE1B, SAR96D               | 32.2 | 161° |
| VIB96D, VIBO1B               | 46.1 | 179° |
| RW20L                        |      |      |
| YIN1M, YIN94D, YIN1F         | 48.2 | 8°   |
| LMN94D, LMN1F                | 58.1 | 76°  |
| SAR94D, SARE1F               | 32.2 | 161° |
| VIBO1F, VIB94D               | 46.1 | 179° |
| RW20R                        |      |      |
| YIN91D, YIN1K, YIN1D         | 48.2 | 8°   |
| LMN1D, LMN91D                | 58.1 | 76°  |
| SARE1D, SAR91D               | 32.2 | 161° |
| VIBO1D, VIB91D               | 46.1 | 179° |

| STAR starting points   | distance | inbound direction |
|------------------------|----------|-------------------|
| RW01                   |          |                   |
| GYA82A                 | 30.5     | 53°               |
| GYA1A, GYA1Z           | 37.5     | 61°               |
| IRTA1P, IRTA1M         | 63.4     | 203°              |
| OLPA1P, OLPA1M         | 64.7     | 233°              |
| IGO81A, ATA81A         | 11.1     | 270°              |
| IDU81A                 | 24.5     | 309°              |
| IGON1A, ATAG1A, IDUM1A | 14.5     | 350°              |
| RW02 (ALL)             |          |                   |
| GYA82A                 | 30.5     | 53°               |
| GYA1Z, GYA1A           | 37.5     | 61°               |
| IRTA1P, IRTA1M         | 63.4     | 203°              |
| OLPA1P, OLPA1M         | 64.7     | 233°              |
| ATA81A, IGO81A         | 11.1     | 270°              |
| IDU81A                 | 24.5     | 309°              |
| IGON1A, IDUM1A, ATAG1A | 14.5     | 350°              |
| RW19                   |          |                   |
| GYA1D                  | 18.7     | 169°              |
| ATAG1D                 | 36.6     | 193°              |
| ATA91A                 | 40.7     | 210°              |
| GYA1B, IDUM1B          | 18.0     | 215°              |
| IGON1B                 | 27.0     | 230°              |
| IGO91A                 | 41.3     | 233°              |
| GYA92A, IDU91A         | 10.5     | 281°              |
| RW20 (ALL)             |          |                   |

|                |      |      |
|----------------|------|------|
| GYA1D          | 18.7 | 169° |
| ATAG1D         | 36.6 | 193° |
| ATA91A         | 40.7 | 210° |
| GYA1B, IDUM1B  | 18.0 | 215° |
| IGON1B         | 27.0 | 230° |
| IGO91A         | 41.3 | 233° |
| IDU91A, GYA92A | 10.5 | 281° |

## Holding patterns

| STAR name | hold at | type | turn  | heading*   | altitude        | leg             | speed limit |
|-----------|---------|------|-------|------------|-----------------|-----------------|-------------|
| ATA81A    | CEN     | NDB  | left  | 22 (202)°  | 6890ft - 8860ft | DME 5.5mi       | 205         |
| ATA91A    | FOGNG   | VHF  | left  | 52 (232)°  | 5910ft - 7880ft | 1.0min<br>timed | 205         |
| GYA1A     | GG443   | VHF  | right | 273 (93)°  | > 6890ft        | 1.0min<br>timed | 205         |
| GYA1B     | GG443   | VHF  | right | 273 (93)°  | > 6890ft        | 1.0min<br>timed | 205         |
| GYA1D     | GG443   | VHF  | right | 273 (93)°  | > 6890ft        | 1.0min<br>timed | 205         |
| GYA92A    | CON     | NDB  | right | 155 (335)° | 4930ft - 7880ft | 1.0min<br>timed | 205         |
| GYA93A    | TAN     | NDB  | left  | 196 (16)°  | 4930ft - 7880ft | 1.0min<br>timed | 205         |
| IDU81A    | CEN     | NDB  | left  | 22 (202)°  | 6890ft - 8860ft | DME 5.5mi       | 205         |
| IDU91A    | CON     | NDB  | right | 155 (335)° | 4930ft - 7880ft | 1.0min<br>timed | 205         |
| IDUM1A    | GG444   | VHF  | right | 132 (312)° | > 6890ft        | 1.0min<br>timed | 205         |
| IDUM1B    | GG444   | VHF  | right | 132 (312)° | > 6890ft        | 1.0min<br>timed | 205         |
| IGO81A    | CEN     | NDB  | left  | 22 (202)°  | 6890ft - 8860ft | DME 5.5mi       | 205         |
| IGO91A    | CON     | NDB  | right | 155 (335)° | 4930ft - 7880ft | 1.0min<br>timed | 205         |
| IGON1A    | GG442   | VHF  | right | 49 (229)°  | > 6890ft        | 1.0min<br>timed | ICAO rules  |
| IGON1B    | GG542   | VHF  | right | 33 (213)°  | > 6890ft        | 1.0min<br>timed | 205         |
| IGON1C    | GG442   | VHF  | right | 49 (229)°  | > 6890ft        | 1.0min<br>timed | ICAO rules  |

\*) magnetic outbound (inbound) holding course

# Disclaimer

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## To be used with X-Plane simulation only