

# RKPK - Busan - Gimhae

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## Airport details

|             |                     |
|-------------|---------------------|
| State       | Busan Gwang'yeoksi  |
| Country     | South Korea         |
| Region      | RK                  |
| Elevation   | 13ft (4m)           |
| Timezone    | GMT +9              |
| Coordinates | 35.18056, 128.93805 |
| Type        | land                |
| ICAO code   | RKPK                |
| IATA code   | PUS                 |
| FAA code    | n/a                 |

## Runway info

|                        |                             |
|------------------------|-----------------------------|
| Runway 18R / 36L       |                             |
| length                 | 3203m (10509ft)             |
| bearing                | 173° / 353°                 |
| width                  | 60m (197ft)                 |
| surface                | concrete                    |
| displacement threshold | 600m (1969ft) / 0m (0ft)    |
| blast zone             | 255m (837ft) / 255m (837ft) |
| Runway 18L / 36R       |                             |
| length                 | 2746m (9009ft)              |
| bearing                | 173° / 353°                 |
| width                  | 46m (151ft)                 |
| surface                | concrete                    |
| blast zone             | 255m (837ft) / 255m (837ft) |

## Communication

|              |         |
|--------------|---------|
| Gimhae ATIS  | 126.600 |
| Gimhae ATIS  | 126.600 |
| Gimhae ATIS  | 126.600 |
| Gimhae ATIS  | 126.600 |
| Gimhae DLVRY | 121.725 |
| Gimhae DLVRY | 121.725 |
| Gimhae DLVRY | 121.725 |
| Gimhae DLVRY | 121.725 |
| Gimhae GND   | 121.900 |
| Gimhae GND   | 121.900 |
| Gimhae GND   | 121.900 |
| Gimhae GND   | 121.900 |
| Gimhae TWR   | 118.450 |
| Gimhae TWR   | 118.100 |

|            |         |
|------------|---------|
| Gimhae TWR | 118.450 |
| Gimhae TWR | 118.100 |
| Gimhae TWR | 118.100 |
| Gimhae TWR | 118.100 |
| Gimhae TWR | 118.450 |
| Gimhae TWR | 118.450 |
| Gimhae APP | 125.500 |
| Gimhae APP | 125.500 |
| Gimhae ARR | 119.200 |
| Gimhae ARR | 134.400 |
| Gimhae ARR | 119.200 |
| Gimhae ARR | 134.400 |
| Gimhae ARR | 134.400 |
| Gimhae ARR | 119.200 |
| Gimhae APP | 125.500 |
| Gimhae APP | 125.500 |
| Gimhae ARR | 119.200 |
| Gimhae ARR | 134.400 |
| Gimhae DEP | 125.500 |
| Gimhae DEP | 125.500 |
| Gimhae DEP | 125.500 |
| Gimhae DEP | 125.500 |

## Approach frequencies

|            |     |       |         |
|------------|-----|-------|---------|
| ILS-cat-II | 36L | 108.5 | 18.00mi |
| ILS-cat-I  | 36R | 109.5 | 18.00mi |
| 3° GS      | 36R | 109.5 | 18.00mi |
| 3° GS      | 36L | 108.5 | 18.00mi |

## Nearby beacons

| code | identifier               | dist | bearing | frequency |
|------|--------------------------|------|---------|-----------|
| KHE  | KIMHAE (BUSAN) TACAN     | 0.5  | 88.6°   | 117       |
| KMH  | GIMHAE VOR/DME           | 1.1  | 352.5°  | 113.80    |
| PSN  | BUSAN VORTAC             | 4.6  | 133.3°  | 114       |
| US   | ULSAN NDB                | 31.2 | 46.3°   | 335       |
| USN  | ULSAN VOR/DME            | 32.3 | 44.8°   | 111.40    |
| TGU  | DALSEONG VORTAC          | 41.4 | 331.1°  | 112.20    |
| SCN  | SACHEON TACAN            | 42.5 | 264.5°  | 110       |
| SAC  | SACHEON (CHINJU) VOR/DME | 42.6 | 264.5°  | 115.10    |
| DOC  | DONGCHON VOR/DME         | 45.7 | 337.6°  | 116.50    |
| NPH  | NAVY (POHANG) VORTAC     | 53.5 | 30.2°   | 109.60    |
| KPO  | POHANG VORTAC            | 54.5 | 33.9°   | 112.50    |
| VCE  | TSUSHIMA VOR/DME         | 57.4 | 156°    | 111.45    |

## Departure and arrival routes

Transition altitude 14000ft  
Transition level 14000ft

| SID end points         | distance | outbound direction |
|------------------------|----------|--------------------|
| RW18 (ALL)             |          |                    |
| BAHDA1, ULSUK3         | 33.0     | 227°               |
| RW18L                  |          |                    |
| BURIM2                 | 33.0     | 227°               |
| RW18R                  |          |                    |
| BURIM2                 | 33.0     | 227°               |
| RW36 (ALL)             |          |                    |
| ATLAX2                 | 12.8     | 37°                |
| BEVSI3, OPONO2, SOORO1 | 33.0     | 227°               |

| STAR starting points | distance | inbound direction |
|----------------------|----------|-------------------|
| RW18 (ALL)           |          |                   |
| GAYHA2               | 15.2     | 98°               |
| RW36 (ALL)           |          |                   |
| KEVOX2               | 14.2     | 51°               |
| PEDLO1               | 15.0     | 314°              |

## Holding patterns

| STAR name | hold at | type | turn  | heading*  | altitude            | leg             | speed limit |
|-----------|---------|------|-------|-----------|---------------------|-----------------|-------------|
| GAYHA2    | GAYHA   | VHF  | right | 90 (270)° | 6000ft -<br>10000ft | 1.0min<br>timed | 210         |
| KEVOX2    | KEVOX   | VHF  | right | 230 (50)° | 6000ft -<br>10000ft | DME 5.0mi       | 230         |
| PEDLO1    | PEDLO   | VHF  | right | 92 (272)° | 7000ft -<br>10000ft | DME 5.0mi       | 230         |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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## To be used with X-Plane simulation only