

# KMIA - Miami - Miami Intl

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## Airport details

|             |                          |
|-------------|--------------------------|
| State       | Florida                  |
| Country     | United States of America |
| Region      | K7                       |
| Elevation   | 0ft (0m)                 |
| Timezone    | GMT -5                   |
| Coordinates | 25.79536, -80.29011      |
| Type        | land                     |
| ICAO code   | KMIA                     |
| IATA code   | MIA                      |
| FAA code    | MIA                      |

## Runway info

|                        |                             |
|------------------------|-----------------------------|
| Runway 12 / 30         |                             |
| length                 | 2851m (9354ft)              |
| bearing                | 117° / 297°                 |
| width                  | 46m (150ft)                 |
| surface                | asphalt                     |
| displacement threshold | 0m (0ft) / 287m (942ft)     |
| blast zone             | 122m (400ft) / 122m (400ft) |
| Runway 9 / 27          |                             |
| length                 | 3957m (12982ft)             |
| bearing                | 88° / 268°                  |
| width                  | 46m (150ft)                 |
| surface                | asphalt                     |
| displacement threshold | 414m (1358ft) / 80m (262ft) |
| blast zone             | 122m (400ft) / 122m (400ft) |
| Runway 8R / 26         |                             |
| length                 | 9040050m (29658957ft)       |
| bearing                | 108° / 288°                 |
| width                  | 61m (200ft)                 |
| surface                | asphalt                     |
| blast zone             | 122m (400ft) / m (0ft)      |
| Runway 8L / 26         |                             |
| length                 | 9040080m (29659055ft)       |
| bearing                | 108° / 288°                 |
| width                  | 46m (150ft)                 |
| surface                | asphalt                     |
| blast zone             | 122m (400ft) / m (0ft)      |

## Communication

|                     |         |
|---------------------|---------|
| Miami Intl ATIS-D   | 133.675 |
| Miami Intl ATIS-A   | 119.150 |
| Miami Intl ATIS-A   | 119.150 |
| Miami Intl ATIS-D   | 133.675 |
| Miami Intl ATIS-D   | 133.675 |
| Miami Intl ATIS-D   | 133.675 |
| Miami Intl ATIS-A   | 119.150 |
| Miami Intl ATIS-A   | 119.150 |
| Miami Intl UNICOM   | 123.000 |
| Miami Intl UNICOM   | 123.000 |
| Miami Intl UNICOM   | 123.000 |
| Miami Intl UNICOM   | 123.000 |
| Miami Intl CLNC DEL | 135.350 |
| Miami Intl CLNC DEL | 120.350 |
| Miami Intl CLNC DEL | 135.350 |
| Miami Intl CLNC DEL | 135.350 |
| Miami Intl CLNC DEL | 120.350 |
| Miami Intl CLNC DEL | 135.350 |
| Miami Intl CLNC DEL | 120.350 |
| Miami Intl CLNC DEL | 120.350 |
| Miami Intl GND      | 121.800 |
| Miami Intl GND      | 121.800 |
| Miami Intl GND      | 127.500 |
| Miami Intl GND      | 121.800 |
| Miami Intl GND      | 127.500 |
| Miami Intl GND      | 127.500 |
| Miami Intl GND      | 127.500 |
| Miami Intl GND      | 127.500 |
| Miami Intl GND      | 121.800 |
| Miami Intl TWR      | 123.900 |
| Miami Intl TWR      | 123.900 |
| Miami Intl TWR      | 118.300 |
| Miami Intl TWR      | 118.300 |
| Miami Intl TWR      | 118.300 |
| Miami Intl TWR      | 123.900 |
| Miami Intl TWR      | 118.300 |
| Miami Intl TWR      | 123.900 |
| Miami Intl APP      | 124.850 |
| Miami Intl APP      | 125.750 |
| Miami Intl APP      | 120.500 |
| Miami Intl APP      | 120.500 |
| Miami Intl APP      | 124.850 |
| Miami Intl APP      | 125.750 |
| Miami Intl APP      | 124.850 |
| Miami Intl APP      | 120.500 |
| Miami Intl APP      | 124.850 |
| Miami Intl APP      | 125.750 |
| Miami Intl APP      | 125.750 |

|                |         |
|----------------|---------|
| Miami Intl APP | 120.500 |
| Miami Intl DEP | 119.450 |
| Miami Intl DEP | 125.500 |
| Miami Intl DEP | 119.450 |
| Miami Intl DEP | 125.500 |
| Miami Intl DEP | 119.450 |
| Miami Intl DEP | 119.450 |
| Miami Intl DEP | 125.500 |
| Miami Intl DEP | 125.500 |

## Approach frequencies

|           |     |       |         |
|-----------|-----|-------|---------|
| LOC       | 08L | 109.3 | 18.00mi |
| LOC       | 26R | 109.3 | 18.00mi |
| ILS-cat-I | 26L | 109.1 | 18.00mi |
| ILS-cat-I | 27  | 109.5 | 18.00mi |
| ILS-cat-I | 08R | 110.3 | 18.00mi |
| ILS-cat-I | 12  | 108.9 | 18.00mi |
| ILS-cat-I | 30  | 111.7 | 18.00mi |
| ILS-cat-I | 09  | 110.9 | 18.00mi |
| 3° GS     | 26L | 109.1 | 18.00mi |
| 3° GS     | 09  | 110.9 | 18.00mi |
| 3° GS     | 27  | 109.5 | 18.00mi |
| 3° GS     | 30  | 111.7 | 18.00mi |
| 3° GS     | 12  | 108.9 | 18.00mi |
| 3° GS     | 08R | 110.3 | 18.00mi |

## Nearby beacons

| code | identifier                | dist | bearing | frequency |
|------|---------------------------|------|---------|-----------|
| DHP  | DOLPHIN (MIAMI) VORTAC    | 3.1  | 274.4°  | 113.90    |
| VKZ  | VIRGINIA KEY VOR/DME      | 7.7  | 107.7°  | 117.10    |
| FLL  | FORT LAUDERDALE VOR/DME   | 18   | 23.9°   | 114.40    |
| HST  | HOMESTEAD TACAN           | 18.9 | 196.3°  | 108.20    |
| FX   | PRAIZ (FT LAUDERDALE) NDB | 23.4 | 358.7°  | 221       |
| ZBV  | BIMINI VORTAC             | 54.1 | 95.2°   | 116.70    |
| PBI  | PALM BEACH VORTAC         | 54.2 | 12.9°   | 115.70    |
| PHK  | PAHOKEE VOR/DME           | 63.1 | 337.8°  | 115.40    |

## Departure and arrival routes

|                     |         |
|---------------------|---------|
| Transition altitude | 18000ft |
| Transition level    | 18000ft |

| SID end points | distance | outbound direction |
|----------------|----------|--------------------|
| RW08 (ALL)     |          |                    |
| HUSIL2         | 117.8    | 103°               |

|            |                |       |      |
|------------|----------------|-------|------|
| RW08L      | GLADZ1         | 174.1 | 273° |
|            | BNGOS1         | 66.1  | 307° |
|            | HURCN1         | 168.4 | 322° |
|            | VACAY1         | 96.5  | 340° |
|            | AARPS1         | 159.6 | 343° |
| RW08R      | FOLZZ1         | 244.6 | 28°  |
|            | KLADA1         | 117.8 | 103° |
|            | GWAVA1, NNOCE1 | 126.6 | 146° |
|            | MHITO1         | 162.3 | 231° |
|            |                |       |      |
| RW09       | FOLZZ1         | 244.6 | 28°  |
|            | KLADA1, HUSIL2 | 117.8 | 103° |
|            | NNOCE1, GWAVA1 | 126.6 | 146° |
|            | MHITO1         | 162.3 | 231° |
|            |                |       |      |
| RW12       | GLADZ1         | 174.1 | 273° |
|            | BNGOS1         | 66.1  | 307° |
|            | HURCN1         | 168.4 | 322° |
|            | VACAY1         | 96.5  | 340° |
|            | AARPS1         | 159.6 | 343° |
| RW26 (ALL) | FOLZZ1         | 244.6 | 28°  |
|            | KLADA1, HUSIL2 | 117.8 | 103° |
|            | GWAVA1, NNOCE1 | 126.6 | 146° |
|            | MHITO1         | 162.3 | 231° |
|            |                |       |      |
| RW26L      | GLADZ1         | 174.1 | 273° |
|            | BNGOS1         | 66.1  | 307° |
|            | HURCN1         | 168.4 | 322° |
|            | VACAY1         | 96.5  | 340° |
|            | AARPS1         | 159.6 | 343° |
| RW26R      | AARPS1         | 159.6 | 343° |
|            |                |       |      |
|            | FOLZZ1         | 244.6 | 28°  |
|            | KLADA1         | 117.8 | 103° |
|            | GWAVA1         | 126.6 | 146° |
|            | MHITO1         | 162.3 | 231° |
|            | GLADZ1         | 174.1 | 273° |
|            | BNGOS1         | 66.1  | 307° |
|            | HURCN1         | 168.4 | 322° |
|            | VACAY1         | 96.5  | 340° |
|            |                |       |      |
|            | FOLZZ1         | 244.6 | 28°  |
|            |                |       |      |
|            |                |       |      |
|            |                |       |      |

|      |        |       |      |
|------|--------|-------|------|
| RW27 | KLADA1 | 117.8 | 103° |
|      | GWAVA1 | 126.6 | 146° |
|      | MHITO1 | 162.3 | 231° |
|      | GLADZ1 | 174.1 | 273° |
|      | BNGOS1 | 66.1  | 307° |
|      | HURCN1 | 168.4 | 322° |
|      | VACAY1 | 96.5  | 340° |
| RW30 | FOLZZ1 | 244.6 | 28°  |
|      | KLADA1 | 117.8 | 103° |
|      | GWAVA1 | 126.6 | 146° |
|      | MHITO1 | 162.3 | 231° |
|      | GLADZ1 | 174.1 | 273° |
|      | BNGOS1 | 66.1  | 307° |
|      | HURCN1 | 168.4 | 322° |
|      | VACAY1 | 96.5  | 340° |
|      | AARPS1 | 159.6 | 343° |
| RW30 | FOLZZ1 | 244.6 | 28°  |
|      | KLADA1 | 117.8 | 103° |
|      | GWAVA1 | 126.6 | 146° |
|      | MHITO1 | 162.3 | 231° |
|      | GLADZ1 | 174.1 | 273° |
|      | BNGOS1 | 66.1  | 307° |
|      | HURCN1 | 168.4 | 322° |
|      | VACAY1 | 96.5  | 340° |
|      | AARPS1 | 159.6 | 343° |

| STAR starting points |        | distance | inbound direction |
|----------------------|--------|----------|-------------------|
| ALL                  |        |          |                   |
|                      | DVALL3 | 41.9     | 68°               |
|                      | PALMZ2 | 66.3     | 96°               |
|                      | ANNEY4 | 42.2     | 200°              |
|                      | BLUF14 | 70.4     | 203°              |
|                      | TARPN1 | 46.4     | 203°              |
|                      | FOWEE2 | 78.7     | 308°              |
| RW08 (ALL)           |        |          |                   |
|                      | SNDBR1 | 39.4     | 54°               |
|                      | FROGZ1 | 40.9     | 99°               |
|                      | CSTAL1 | 41.6     | 198°              |
|                      | SLFSH1 | 50.1     | 220°              |
|                      | VIICE1 | 39.1     | 306°              |
| RW09                 |        |          |                   |
|                      | SNDBR1 | 39.4     | 54°               |
|                      | FROGZ1 | 40.9     | 99°               |
|                      | CSTAL1 | 41.6     | 198°              |
|                      | SLFSH1 | 50.1     | 220°              |
|                      | VIICE1 | 39.1     | 306°              |

## RW12

|        |      |      |
|--------|------|------|
| SNDBR1 | 39.4 | 54°  |
| FROGZ1 | 40.9 | 99°  |
| CSTAL1 | 41.6 | 198° |
| SLFSH1 | 50.1 | 220° |
| VIICE1 | 39.1 | 306° |

## RW26 (ALL)

|        |      |      |
|--------|------|------|
| SNDBR1 | 39.4 | 54°  |
| FROGZ1 | 40.9 | 99°  |
| CSTAL1 | 41.6 | 198° |
| SLFSH1 | 50.1 | 220° |
| VIICE1 | 39.1 | 306° |

## RW27

|        |      |      |
|--------|------|------|
| SNDBR1 | 39.4 | 54°  |
| FROGZ1 | 40.9 | 99°  |
| CSTAL1 | 41.6 | 198° |
| SLFSH1 | 50.1 | 220° |
| VIICE1 | 39.1 | 306° |

## RW30

|        |      |      |
|--------|------|------|
| SNDBR1 | 39.4 | 54°  |
| FROGZ1 | 40.9 | 99°  |
| CSTAL1 | 41.6 | 198° |
| SLFSH1 | 50.1 | 220° |
| VIICE1 | 39.1 | 306° |

## Holding patterns

| STAR name | hold at | type | turn  | heading*   | altitude  | leg          | speed limit |
|-----------|---------|------|-------|------------|-----------|--------------|-------------|
| ANNEY4    | PBI     | NDB  | right | 90 (270)°  |           | 1.0min timed | ICAO rules  |
| ANNEY4    | PCMAN   | VHF  | left  | 341 (161)° |           | 1.5min timed | ICAO rules  |
| ANNEY4    | TRV     | NDB  | left  | 347 (167)° | < 17999ft | 1.0min timed | ICAO rules  |
| BLUF14    | LEBUR   | VHF  | left  | 10 (190)°  | < 17999ft | DME 8.0mi    | ICAO rules  |
| CSTAL1    | BEEIN   | VHF  | right | 347 (167)° |           | DME 10.0mi   | ICAO rules  |
| CSTAL1    | CSTAL   | VHF  | left  | 352 (172)° |           | DME 10.0mi   | ICAO rules  |
| CSTAL1    | XPRSO   | VHF  | left  | 346 (166)° |           | DME 10.0mi   | ICAO rules  |
| CSTAL1    | YEPPA   | VHF  | left  | 346 (166)° |           | DME 10.0mi   | ICAO rules  |
| DVALL3    | CARNU   | VHF  | left  | 217 (37)°  | < 17999ft | 1.0min timed | ICAO rules  |
| DVALL3    | WEVER   | VHF  | right | 248 (68)°  |           | 1.0min timed | ICAO rules  |
| FOWEE2    | FOWEE   | VHF  | left  | 137 (317)° |           | DME 7.0mi    | ICAO rules  |
| FOWEE2    | JUNUR   | VHF  | left  | 137 (317)° |           | DME 10.0mi   | ICAO rules  |
| FROGZ1    | BETTL   | VHF  | right | 325 (145)° |           | DME 10.0mi   | ICAO rules  |
| FROGZ1    | DANSE   | VHF  | right | 344 (164)° |           | DME 10.0mi   | ICAO rules  |
| FROGZ1    | FROGZ   | VHF  | right | 319 (139)° |           | DME 10.0mi   | ICAO rules  |
| FROGZ1    | GAWKS   | VHF  | left  | 287 (107)° |           | DME 15.0mi   | ICAO rules  |
| FROGZ1    | HARAP   | VHF  | right | 317 (137)° |           | DME 10.0mi   | ICAO rules  |
| FROGZ1    | MATCY   | VHF  | right | 317 (137)° |           | DME 10.0mi   | ICAO rules  |
| PALMZ2    | DUMDY   | VHF  | right | 340 (160)° |           | DME 4.0mi    | ICAO rules  |
| PALMZ2    | PRIVY   | VHF  | right | 281 (101)° |           | DME 10.0mi   | ICAO rules  |

|        |       |     |       |            |            |            |
|--------|-------|-----|-------|------------|------------|------------|
| SLFSH1 | CIKEN | VHF | left  | 23 (203)°  | DME 10.0mi | ICAO rules |
| SLFSH1 | JORAY | VHF | right | 12 (192)°  | DME 10.0mi | ICAO rules |
| SLFSH1 | MOGAE | VHF | right | 23 (203)°  | DME 10.0mi | ICAO rules |
| SLFSH1 | MUNRO | VHF | right | 93 (273)°  | DME 10.0mi | ICAO rules |
| SLFSH1 | SLFSH | VHF | left  | 22 (202)°  | DME 10.0mi | ICAO rules |
| SNDBR1 | PAMPR | VHF | left  | 240 (60)°  | DME 10.0mi | ICAO rules |
| SNDBR1 | PEAKY | VHF | left  | 191 (11)°  | DME 10.0mi | ICAO rules |
| SNDBR1 | SNDBR | VHF | right | 209 (29)°  | DME 10.0mi | ICAO rules |
| VIICE1 | CLYER | VHF | left  | 129 (309)° | DME 10.0mi | ICAO rules |
| VIICE1 | MADIZ | VHF | right | 129 (309)° | DME 10.0mi | ICAO rules |
| VIICE1 | MULYN | VHF | right | 154 (334)° | DME 10.0mi | ICAO rules |
| VIICE1 | SUTON | VHF | right | 93 (273)°  | DME 10.0mi | ICAO rules |
| VIICE1 | VIICE | VHF | left  | 128 (308)° | DME 10.0mi | ICAO rules |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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