

# KORD - Chicago - Chicago O Hare Intl

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## Airport details

|             |                          |
|-------------|--------------------------|
| State       | Illinois                 |
| Country     | United States of America |
| Region      | K5                       |
| Elevation   | 666ft (203m)             |
| Timezone    | GMT -6                   |
| Coordinates | 41.97751, -87.88454      |
| Type        | land                     |
| ICAO code   | KORD                     |
| IATA code   | ORD                      |
| FAA code    | ORD                      |

## Runway info

### Runway 10C / 28C

|            |                             |
|------------|-----------------------------|
| length     | 3284m (10774ft)             |
| bearing    | 90° / 270°                  |
| width      | 61m (200ft)                 |
| surface    | asphalt                     |
| blast zone | 122m (400ft) / 122m (400ft) |

### Runway 10L / 28R

|            |                            |
|------------|----------------------------|
| length     | 3953m (12969ft)            |
| bearing    | 90° / 270°                 |
| width      | 46m (150ft)                |
| surface    | asphalt                    |
| blast zone | 122m (400ft) / 67m (220ft) |

### Runway 4R / 22

|            |                        |
|------------|------------------------|
| length     | 9836630m (32272408ft)  |
| bearing    | 116° / 296°            |
| width      | 46m (150ft)            |
| surface    | asphalt                |
| blast zone | 255m (837ft) / m (0ft) |

### Runway 9C / 27

|            |                        |
|------------|------------------------|
| length     | 9839377m (32281421ft)  |
| bearing    | 116° / 296°            |
| width      | 61m (200ft)            |
| surface    | asphalt                |
| blast zone | 122m (400ft) / m (0ft) |

### Runway 9R / 27

|            |                       |
|------------|-----------------------|
| length     | 9838279m (32277818ft) |
| bearing    | 116° / 296°           |
| width      | 46m (150ft)           |
| surface    | asphalt               |
| blast zone | 31m (102ft) / m (0ft) |

|                  |                             |
|------------------|-----------------------------|
| Runway 4L / 22   |                             |
| length           | 9837906m (32276595ft)       |
| bearing          | 116° / 296°                 |
| width            | 46m (150ft)                 |
| surface          | asphalt                     |
| blast zone       | 122m (400ft) / m (0ft)      |
| Runway 9L / 27   |                             |
| length           | 9839018m (32280243ft)       |
| bearing          | 116° / 296°                 |
| width            | 46m (150ft)                 |
| surface          | concrete                    |
| blast zone       | 122m (400ft) / m (0ft)      |
| Runway 10R / 28L |                             |
| length           | 2279m (7477ft)              |
| bearing          | 90° / 270°                  |
| width            | 46m (150ft)                 |
| surface          | concrete                    |
| blast zone       | 122m (400ft) / 122m (400ft) |

## Communication

|                              |         |
|------------------------------|---------|
| Chicago O Hare Intl ATIS     | 135.400 |
| Chicago O Hare Intl ATIS     | 135.400 |
| Chicago O Hare Intl ATIS     | 135.400 |
| Chicago O Hare Intl ATIS     | 135.400 |
| Chicago O Hare Intl UNICOM   | 122.950 |
| Chicago O Hare Intl UNICOM   | 122.950 |
| Chicago O Hare Intl UNICOM   | 122.950 |
| Chicago O Hare Intl UNICOM   | 122.950 |
| Chicago O Hare Intl CLNC DEL | 121.600 |
| Chicago O Hare Intl CLNC DEL | 119.250 |
| Chicago O Hare Intl CLNC DEL | 119.250 |
| Chicago O Hare Intl CLNC DEL | 121.600 |
| Chicago O Hare Intl CLNC DEL | 119.250 |
| Chicago O Hare Intl CLNC DEL | 121.600 |
| Chicago O Hare Intl CLNC DEL | 119.250 |
| Chicago O Hare Intl CLNC DEL | 121.600 |
| Chicago O Hare Intl GND      | 121.675 |
| Chicago O Hare Intl GND      | 121.900 |
| Chicago O Hare Intl GND      | 121.750 |
| Chicago O Hare Intl GND      | 121.900 |
| Chicago O Hare Intl GND      | 121.750 |
| Chicago O Hare Intl GND      | 121.675 |
| Chicago O Hare Intl GND      | 121.675 |
| Chicago O Hare Intl GND      | 121.900 |
| Chicago O Hare Intl GND      | 121.900 |
| Chicago O Hare Intl GND      | 121.675 |
| Chicago O Hare Intl GND      | 121.750 |

|                         |         |
|-------------------------|---------|
| Chicago O Hare Intl GND | 121.750 |
| Chicago O Hare Intl TWR | 120.750 |
| Chicago O Hare Intl TWR | 126.900 |
| Chicago O Hare Intl TWR | 127.925 |
| Chicago O Hare Intl TWR | 132.700 |
| Chicago O Hare Intl TWR | 132.700 |
| Chicago O Hare Intl TWR | 120.750 |
| Chicago O Hare Intl TWR | 127.925 |
| Chicago O Hare Intl TWR | 126.900 |
| Chicago O Hare Intl TWR | 127.925 |
| Chicago O Hare Intl TWR | 126.900 |
| Chicago O Hare Intl TWR | 127.925 |
| Chicago O Hare Intl TWR | 120.750 |
| Chicago O Hare Intl TWR | 126.900 |
| Chicago O Hare Intl TWR | 132.700 |
| Chicago O Hare Intl TWR | 120.750 |
| Chicago O Hare Intl TWR | 132.700 |
| Chicago O Hare Intl APP | 124.700 |
| Chicago O Hare Intl APP | 124.350 |
| Chicago O Hare Intl APP | 121.150 |
| Chicago O Hare Intl APP | 119.000 |
| Chicago O Hare Intl APP | 119.000 |
| Chicago O Hare Intl APP | 121.150 |
| Chicago O Hare Intl APP | 124.350 |
| Chicago O Hare Intl APP | 124.700 |
| Chicago O Hare Intl APP | 124.700 |
| Chicago O Hare Intl APP | 124.700 |
| Chicago O Hare Intl APP | 124.350 |
| Chicago O Hare Intl APP | 121.150 |
| Chicago O Hare Intl APP | 119.000 |
| Chicago O Hare Intl APP | 119.000 |
| Chicago O Hare Intl APP | 121.150 |
| Chicago O Hare Intl APP | 124.350 |
| Chicago O Hare Intl DEP | 125.000 |
| Chicago O Hare Intl DEP | 125.400 |
| Chicago O Hare Intl DEP | 127.400 |
| Chicago O Hare Intl DEP | 127.400 |
| Chicago O Hare Intl DEP | 125.000 |
| Chicago O Hare Intl DEP | 125.400 |
| Chicago O Hare Intl DEP | 127.400 |
| Chicago O Hare Intl DEP | 125.400 |
| Chicago O Hare Intl DEP | 125.000 |
| Chicago O Hare Intl DEP | 125.000 |
| Chicago O Hare Intl DEP | 125.400 |
| Chicago O Hare Intl DEP | 127.400 |

## Approach frequencies

|             |     |        |         |
|-------------|-----|--------|---------|
| ILS-cat-III | 27R | 111.75 | 18.00mi |
| ILS-cat-III | 10L | 111.1  | 18.00mi |
| ILS-cat-III | 09C | 111.9  | 18.00mi |
| ILS-cat-III | 27L | 110.5  | 18.00mi |
| ILS-cat-III | 09L | 111.75 | 18.00mi |
| ILS-cat-III | 10C | 108.95 | 18.00mi |
| ILS-cat-III | 28R | 111.1  | 18.00mi |
| ILS-cat-III | 27C | 111.9  | 18.00mi |
| ILS-cat-III | 28C | 108.95 | 18.00mi |
| ILS-cat-III | 10R | 110.9  | 18.00mi |
| ILS-cat-III | 28L | 110.75 | 18.00mi |
| ILS-cat-II  | 22L | 110.1  | 18.00mi |
| ILS-cat-II  | 04R | 110.1  | 18.00mi |
| ILS-cat-I   | 09R | 110.5  | 18.00mi |
| ILS-cat-I   | 22R | 111.3  | 18.00mi |
| 3° GS       | 10L | 111.1  | 18.00mi |
| 3° GS       | 27L | 110.5  | 18.00mi |
| 3° GS       | 27R | 111.75 | 18.00mi |
| 3° GS       | 04R | 110.1  | 18.00mi |
| 3° GS       | 09R | 110.5  | 18.00mi |
| 3° GS       | 10R | 110.9  | 18.00mi |
| 3° GS       | 22L | 110.1  | 18.00mi |
| 3° GS       | 28L | 110.75 | 18.00mi |
| 3° GS       | 27C | 111.9  | 18.00mi |
| 3° GS       | 28R | 111.1  | 18.00mi |
| 3° GS       | 10C | 108.95 | 18.00mi |
| 3° GS       | 09L | 111.75 | 18.00mi |
| 3° GS       | 22R | 111.3  | 18.00mi |
| 3° GS       | 09C | 111.9  | 18.00mi |
| 3° GS       | 28C | 108.95 | 18.00mi |

## Nearby beacons

| code | identifier                   | dist | bearing | frequency |
|------|------------------------------|------|---------|-----------|
| GCO  | DME                          | 1.2  | 312.9°  | 108.25    |
| OBK  | NORTHBROOK VOR/DME           | 14.9 | 344.6°  | 113       |
| MX   | KEDZI (CHICAGO) NDB          | 16.6 | 140.4°  | 248       |
| DPA  | DUPAGE (CHICAGO) VOR/DME     | 21.4 | 259.4°  | 108.40    |
| UG   | WAUKE (CHICAGO/WAUKEGAN) NDB | 29.4 | 9.7°    | 379       |
| CGT  | CHICAGO HEIGHTS VORTAC       | 31.3 | 146.1°  | 114.20    |
| JOT  | JOLIET VOR/DME               | 32.3 | 225.1°  | 112.30    |
| GY   | GARIE (GARY) NDB             | 34.8 | 126°    | 236       |
| ENW  | DME                          | 37.3 | 355.6°  | 109.20    |
| RA   | PASER (RACINE) NDB           | 42.3 | 358.7°  | 206       |
| EON  | PEOTONE VORTAC               | 42.7 | 172.4°  | 113.20    |
| BUU  | (BURLINGTON) DME             | 46.5 | 329.6°  | 114.50    |

|     |                      |      |        |        |
|-----|----------------------|------|--------|--------|
| HRK | (RACINE) DME         | 47.2 | 5°     | 117.70 |
| IKK | DME                  | 54.2 | 177.8° | 111.60 |
| DTG | DWIGHT NDB           | 56.4 | 213°   | 344    |
| IK  | LUKOW (KANKAKEE) NDB | 57.6 | 181.1° | 272    |

## Departure and arrival routes

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

| <b>STAR starting points</b> | <b>distance</b> | <b>inbound direction</b> |
|-----------------------------|-----------------|--------------------------|
| ALL                         |                 |                          |
| SHAIN2                      | 59.4            | 75°                      |
| JVL1                        | 64.4            | 115°                     |
| WATSN4                      | 92.8            | 291°                     |
| OXI8                        | 67.9            | 298°                     |
| RW04 (ALL)                  |                 |                          |
| TRTLL6                      | 13.9            | 51°                      |
| BENKY6                      | 13.0            | 71°                      |
| MADII6, FYTTE7              | 17.6            | 130°                     |
| ERNNY7, WYNDE2              | 14.7            | 222°                     |
| ESSPO5                      | 13.3            | 288°                     |
| VEECK5                      | 12.1            | 308°                     |
| RW09 (ALL)                  |                 |                          |
| TRTLL6                      | 13.9            | 51°                      |
| BENKY6                      | 13.0            | 71°                      |
| FYTTE7, MADII6              | 17.6            | 130°                     |
| WYNDE2, ERNNY7              | 14.7            | 222°                     |
| RW09C                       |                 |                          |
| ESSPO5                      | 13.3            | 288°                     |
| VEECK5                      | 12.1            | 308°                     |
| RW09L                       |                 |                          |
| ESSPO5                      | 13.3            | 288°                     |
| VEECK5                      | 12.1            | 308°                     |
| RW09R                       |                 |                          |
| ESSPO5                      | 13.3            | 288°                     |
| VEECK5                      | 12.1            | 308°                     |
| RW10 (ALL)                  |                 |                          |
| TRTLL6                      | 13.9            | 51°                      |
| BENKY6                      | 13.0            | 71°                      |
| FYTTE7, MADII6              | 17.6            | 130°                     |
| ERNNY7, WYNDE2              | 14.7            | 222°                     |
| ESSPO5                      | 13.3            | 288°                     |
| VEECK5                      | 12.1            | 308°                     |
| RW22 (ALL)                  |                 |                          |
| TRTLL6                      | 13.9            | 51°                      |
| BENKY6                      | 13.0            | 71°                      |
| MADII6, FYTTE7              | 17.6            | 130°                     |

|            |                |      |      |
|------------|----------------|------|------|
| RW27 (ALL) | ERNNY7, WYNDE2 | 14.7 | 222° |
|            | ESSPO5         | 13.3 | 288° |
|            | VEECK5         | 12.1 | 308° |
| RW27C      | ERNNY7, WYNDE2 | 14.7 | 222° |
|            | ESSPO5         | 13.3 | 288° |
|            | VEECK5         | 12.1 | 308° |
| RW27L      | TRTLL6         | 13.9 | 51°  |
|            | BENKY6         | 13.0 | 71°  |
|            | MADII6, FYTTE7 | 17.6 | 130° |
| RW27R      | TRTLL6         | 13.9 | 51°  |
|            | BENKY6         | 13.0 | 71°  |
|            | MADII6, FYTTE7 | 17.6 | 130° |
| RW28 (ALL) | ERNNY7, WYNDE2 | 14.7 | 222° |
|            | ESSPO5         | 13.3 | 288° |
|            | VEECK5         | 12.1 | 308° |
| RW28C      | TRTLL6         | 13.9 | 51°  |
|            | BENKY6         | 13.0 | 71°  |
|            | FYTTE7, MADII6 | 17.6 | 130° |
| RW28L      | TRTLL6         | 13.9 | 51°  |
|            | BENKY6         | 13.0 | 71°  |
|            | MADII6, FYTTE7 | 17.6 | 130° |
| RW28R      | TRTLL6         | 13.9 | 51°  |
|            | BENKY6         | 13.0 | 71°  |
|            | FYTTE7, MADII6 | 17.6 | 130° |

## Holding patterns

| STAR name | hold at | type | turn  | heading*   | altitude             | leg          | speed limit |
|-----------|---------|------|-------|------------|----------------------|--------------|-------------|
| BDF7      | BDF     | NDB  | right | 247 (67)°  | 18000ft -<br>45000ft | 1.5min timed | ICAO rules  |
| BDF7      | BENKY   | VHF  | right | 242 (62)°  |                      | 1.0min timed | ICAO rules  |
| BDF7      | GROOV   | VHF  | right | 172 (352)° |                      | 1.0min timed | ICAO rules  |
| BDF7      | LOAMY   | VHF  | right | 239 (59)°  |                      | 1.5min timed | ICAO rules  |
| BDF7      | MAGOO   | VHF  | right | 219 (39)°  |                      | 1.5min timed | ICAO rules  |
| BENKY6    | BENKY   | VHF  | right | 242 (62)°  |                      | 1.0min timed | ICAO rules  |
| BENKY6    | BFORD   | VHF  | right | 249 (69)°  |                      | DME 11.0mi   | ICAO rules  |
| BENKY6    | LOAMY   | VHF  | right | 239 (59)°  |                      | 1.5min timed | ICAO rules  |

|        |       |     |       |            |                   |              |            |
|--------|-------|-----|-------|------------|-------------------|--------------|------------|
| BENKY6 | RYELY | VHF | right | 249 (69)°  |                   | DME 12.0mi   | ICAO rules |
| ERNNY7 | CHDRR | VHF | left  | 330 (150)° |                   | DME 10.0mi   | ICAO rules |
| ERNNY7 | FAALZ | VHF | right | 270 (90)°  |                   | DME 10.0mi   | ICAO rules |
| ERNNY7 | FOLGO | VHF | right | 9 (189)°   |                   | DME 16.0mi   | ICAO rules |
| ERNNY7 | LYNNI | VHF | right | 331 (151)° |                   | DME 10.0mi   | ICAO rules |
| ERNNY7 | SWIIS | VHF | right | 360 (180)° |                   | DME 10.0mi   | ICAO rules |
| ESSPO5 | FRIDG | VHF | right | 167 (347)° | < 17999ft         | DME 13.0mi   | ICAO rules |
| ESSPO5 | MKITA | VHF | left  | 120 (300)° |                   | DME 8.0mi    | ICAO rules |
| ESSPO5 | WATSN | VHF | left  | 95 (275)°  |                   | 1.0min timed | ICAO rules |
| FYTTE7 | BENNR | VHF | left  | 273 (93)°  |                   | DME 10.0mi   | ICAO rules |
| FYTTE7 | BHAWK | VHF | left  | 273 (93)°  |                   | DME 10.0mi   | ICAO rules |
| FYTTE7 | FYTTE | VHF | left  | 283 (103)° |                   | DME 7.0mi    | ICAO rules |
| FYTTE7 | ZZIPR | VHF | left  | 298 (118)° |                   | DME 10.0mi   | ICAO rules |
| JVL1   | BRIBE | VHF | right | 289 (109)° |                   | 1.5min timed | ICAO rules |
| JVL1   | JVL   | NDB | right | 289 (109)° |                   | 1.0min timed | ICAO rules |
| JVL1   | KRENA | VHF | left  | 289 (109)° |                   | 1.0min timed | ICAO rules |
| JVL1   | MCW   | NDB | left  | 278 (98)°  | 18000ft - 45000ft | 1.5min timed | ICAO rules |
| JVL1   | SUZYQ | VHF | left  | 269 (89)°  |                   | 1.5min timed | ICAO rules |
| JVL1   | TEDDY | VHF | right | 289 (109)° |                   | 1.0min timed | ICAO rules |
| MADII6 | CHDRR | VHF | left  | 330 (150)° |                   | DME 10.0mi   | ICAO rules |
| MADII6 | FAALZ | VHF | right | 270 (90)°  |                   | DME 10.0mi   | ICAO rules |
| MADII6 | FOLGO | VHF | right | 9 (189)°   |                   | DME 16.0mi   | ICAO rules |
| MADII6 | HUNKA | VHF | right | 5 (185)°   |                   | DME 10.0mi   | ICAO rules |
| MADII6 | ZANDI | VHF | left  | 16 (196)°  |                   | DME 10.0mi   | ICAO rules |
| OXI8   | OXI   | NDB | left  | 117 (297)° | 18000ft - 45000ft | 1.5min timed | ICAO rules |
| OXI8   | WATSN | VHF | left  | 95 (275)°  |                   | 1.0min timed | ICAO rules |
| SHAIN2 | BFORD | VHF | right | 249 (69)°  |                   | DME 11.0mi   | ICAO rules |
| SHAIN2 | CASHN | VHF | left  | 234 (54)°  |                   | DME 15.0mi   | ICAO rules |
| SHAIN2 | GROOV | VHF | right | 172 (352)° |                   | 1.0min timed | ICAO rules |
| SHAIN2 | LOAMY | VHF | right | 239 (59)°  |                   | 1.5min timed | ICAO rules |
| SHAIN2 | MAROC | VHF | left  | 224 (44)°  |                   | DME 12.0mi   | ICAO rules |
| SHAIN2 | MCDEE | VHF | left  | 233 (53)°  |                   | DME 16.0mi   | ICAO rules |
| SHAIN2 | RYELY | VHF | right | 249 (69)°  |                   | DME 12.0mi   | ICAO rules |
| SHAIN2 | TRIDE | VHF | right | 226 (46)°  |                   | DME 9.0mi    | ICAO rules |
| SHAIN2 | WELTS | VHF | left  | 219 (39)°  |                   | DME 16.0mi   | ICAO rules |
| TRTLL6 | CASHN | VHF | left  | 234 (54)°  |                   | DME 15.0mi   | ICAO rules |
| TRTLL6 | GROOV | VHF | right | 172 (352)° |                   | 1.0min timed | ICAO rules |
| TRTLL6 | MAROC | VHF | left  | 224 (44)°  |                   | DME 12.0mi   | ICAO rules |
| TRTLL6 | MCDEE | VHF | left  | 233 (53)°  |                   | DME 16.0mi   | ICAO rules |
| TRTLL6 | TRTLL | VHF | left  | 225 (45)°  |                   | DME 10.0mi   | ICAO rules |
| TRTLL6 | WELTS | VHF | left  | 219 (39)°  |                   | DME 16.0mi   | ICAO rules |
| VEECK5 | CARVR | VHF | right | 98 (278)°  |                   | DME 10.0mi   | ICAO rules |
| VEECK5 | NYLEN | VHF | left  | 167 (347)° |                   | DME 8.0mi    | ICAO rules |
| VEECK5 | VEECK | VHF | left  | 104 (284)° |                   | DME 10.0mi   | ICAO rules |
| WATSN4 | FRIDG | VHF | right | 167 (347)° | < 17999ft         | DME 13.0mi   | ICAO rules |
| WATSN4 | HAUPO | VHF | left  | 102 (282)° |                   | DME 8.0mi    | ICAO rules |
| WATSN4 | MKITA | VHF | left  | 120 (300)° |                   | DME 8.0mi    | ICAO rules |

|        |       |     |       |           |              |            |
|--------|-------|-----|-------|-----------|--------------|------------|
| WATSN4 | WATSN | VHF | left  | 95 (275)° | 1.0min timed | ICAO rules |
| WYNDE2 | BITTR | VHF | right | 13 (193)° | DME 10.0mi   | ICAO rules |
| WYNDE2 | CSTLO | VHF | right | 16 (196)° | DME 12.0mi   | ICAO rules |
| WYNDE2 | EMMMA | VHF | right | 86 (266)° | DME 12.0mi   | ICAO rules |
| WYNDE2 | GAULT | VHF | right | 16 (196)° | DME 12.0mi   | ICAO rules |
| WYNDE2 | JODEE | VHF | right | 17 (197)° | DME 12.0mi   | ICAO rules |
| WYNDE2 | PAITN | VHF | right | 79 (259)° | DME 9.0mi    | ICAO rules |
| WYNDE2 | PECOK | VHF | right | 14 (194)° | DME 10.0mi   | ICAO rules |
| WYNDE2 | WLTER | VHF | left  | 80 (260)° | DME 10.0mi   | ICAO rules |
| WYNDE2 | WYNDE | VHF | right | 73 (253)° | DME 9.0mi    | ICAO rules |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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