

# KPHX - Phoenix - Phoenix Sky Harbor Intl

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## Airport details

|             |                          |
|-------------|--------------------------|
| State       | Arizona                  |
| Country     | United States of America |
| Region      | K2                       |
| Elevation   | 1130ft (344m)            |
| Timezone    | GMT -7                   |
| Coordinates | 33.43428, -112.01158     |
| Type        | land                     |
| ICAO code   | KPHX                     |
| IATA code   | PHX                      |
| FAA code    | PHX                      |

## Runway info

|                        |                         |
|------------------------|-------------------------|
| Runway 8 / 26          |                         |
| length                 | 3495m (11467ft)         |
| bearing                | 90° / 270°              |
| width                  | 46m (151ft)             |
| surface                | concrete                |
| displacement threshold | 274m (899ft) / 0m (0ft) |
| blast zone             | 115m (377ft) / 0m (0ft) |
| Runway 7L / 25         |                         |
| length                 | 12039101m (39498363ft)  |
| bearing                | 107° / 287°             |
| width                  | 46m (151ft)             |
| surface                | concrete                |
| blast zone             | 122m (400ft) / m (0ft)  |
| Runway 7R / 25         |                         |
| length                 | 12039154m (39498537ft)  |
| bearing                | 107° / 287°             |
| width                  | 46m (151ft)             |
| surface                | concrete                |
| blast zone             | 152m (499ft) / m (0ft)  |

## Communication

|                                |         |
|--------------------------------|---------|
| Phoenix Sky Harbor Intl ATIS   | 127.575 |
| Phoenix Sky Harbor Intl ATIS   | 127.575 |
| Phoenix Sky Harbor Intl ATIS   | 127.575 |
| Phoenix Sky Harbor Intl ATIS   | 127.575 |
| Phoenix Sky Harbor Intl UNICOM | 122.850 |
| Phoenix Sky Harbor Intl UNICOM | 122.850 |
| Phoenix Sky Harbor Intl UNICOM | 122.950 |
| Phoenix Sky Harbor Intl UNICOM | 122.950 |

|                                  |         |
|----------------------------------|---------|
| Phoenix Sky Harbor Intl UNICOM   | 122.850 |
| Phoenix Sky Harbor Intl UNICOM   | 122.850 |
| Phoenix Sky Harbor Intl UNICOM   | 122.950 |
| Phoenix Sky Harbor Intl UNICOM   | 122.950 |
| Phoenix Sky Harbor Intl CLNC DEL | 118.100 |
| Phoenix Sky Harbor Intl CLNC DEL | 118.100 |
| Phoenix Sky Harbor Intl CLNC DEL | 118.100 |
| Phoenix Sky Harbor Intl CLNC DEL | 118.100 |
| Phoenix Sky Harbor Intl GND      | 132.550 |
| Phoenix Sky Harbor Intl GND      | 119.750 |
| Phoenix Sky Harbor Intl GND      | 119.750 |
| Phoenix Sky Harbor Intl GND      | 119.750 |
| Phoenix Sky Harbor Intl GND      | 132.550 |
| Phoenix Sky Harbor Intl GND      | 132.550 |
| Phoenix Sky Harbor Intl GND      | 119.750 |
| Phoenix Sky Harbor Intl GND      | 132.550 |
| Phoenix Sky Harbor Intl TWR      | 120.900 |
| Phoenix Sky Harbor Intl TWR      | 118.700 |
| Phoenix Sky Harbor Intl TWR      | 120.900 |
| Phoenix Sky Harbor Intl TWR      | 118.700 |
| Phoenix Sky Harbor Intl TWR      | 120.900 |
| Phoenix Sky Harbor Intl TWR      | 118.700 |
| Phoenix Sky Harbor Intl TWR      | 120.900 |
| Phoenix Sky Harbor Intl TWR      | 118.700 |
| Phoenix Sky Harbor Intl APP/DEP  | 119.200 |
| Phoenix Sky Harbor Intl APP/DEP  | 120.700 |
| Phoenix Sky Harbor Intl APP/DEP  | 123.700 |
| Phoenix Sky Harbor Intl APP/DEP  | 128.650 |
| Phoenix Sky Harbor Intl APP/DEP  | 124.900 |
| Phoenix Sky Harbor Intl APP/DEP  | 119.200 |
| Phoenix Sky Harbor Intl APP/DEP  | 120.700 |
| Phoenix Sky Harbor Intl APP/DEP  | 124.100 |
| Phoenix Sky Harbor Intl APP/DEP  | 124.900 |
| Phoenix Sky Harbor Intl APP/DEP  | 123.700 |
| Phoenix Sky Harbor Intl APP/DEP  | 128.650 |
| Phoenix Sky Harbor Intl APP/DEP  | 126.800 |
| Phoenix Sky Harbor Intl APP/DEP  | 126.800 |
| Phoenix Sky Harbor Intl APP/DEP  | 124.100 |
| Phoenix Sky Harbor Intl APP/DEP  | 124.100 |
| Phoenix Sky Harbor Intl APP/DEP  | 120.700 |
| Phoenix Sky Harbor Intl APP/DEP  | 119.200 |
| Phoenix Sky Harbor Intl APP/DEP  | 120.700 |
| Phoenix Sky Harbor Intl APP/DEP  | 123.700 |
| Phoenix Sky Harbor Intl APP/DEP  | 124.900 |
| Phoenix Sky Harbor Intl APP/DEP  | 126.800 |
| Phoenix Sky Harbor Intl APP/DEP  | 119.200 |
| Phoenix Sky Harbor Intl APP/DEP  | 124.100 |
| Phoenix Sky Harbor Intl APP/DEP  | 128.650 |

|                                 |         |
|---------------------------------|---------|
| Phoenix Sky Harbor Intl APP/DEP | 123.700 |
| Phoenix Sky Harbor Intl APP/DEP | 126.800 |
| Phoenix Sky Harbor Intl APP/DEP | 128.650 |
| Phoenix Sky Harbor Intl APP/DEP | 124.900 |
| Phoenix Sky Harbor Intl APP/DEP | 119.200 |
| Phoenix Sky Harbor Intl APP/DEP | 120.700 |
| Phoenix Sky Harbor Intl APP/DEP | 119.200 |
| Phoenix Sky Harbor Intl APP/DEP | 128.650 |
| Phoenix Sky Harbor Intl APP/DEP | 126.800 |
| Phoenix Sky Harbor Intl APP/DEP | 124.900 |
| Phoenix Sky Harbor Intl APP/DEP | 124.100 |
| Phoenix Sky Harbor Intl APP/DEP | 128.650 |
| Phoenix Sky Harbor Intl APP/DEP | 123.700 |
| Phoenix Sky Harbor Intl APP/DEP | 120.700 |
| Phoenix Sky Harbor Intl APP/DEP | 123.700 |
| Phoenix Sky Harbor Intl APP/DEP | 124.100 |
| Phoenix Sky Harbor Intl APP/DEP | 126.800 |
| Phoenix Sky Harbor Intl APP/DEP | 124.900 |
| Phoenix Sky Harbor Intl APP/DEP | 124.100 |
| Phoenix Sky Harbor Intl APP/DEP | 120.700 |
| Phoenix Sky Harbor Intl APP/DEP | 119.200 |
| Phoenix Sky Harbor Intl APP/DEP | 123.700 |
| Phoenix Sky Harbor Intl APP/DEP | 119.200 |
| Phoenix Sky Harbor Intl APP/DEP | 120.700 |
| Phoenix Sky Harbor Intl APP/DEP | 123.700 |
| Phoenix Sky Harbor Intl APP/DEP | 124.100 |
| Phoenix Sky Harbor Intl APP/DEP | 124.900 |
| Phoenix Sky Harbor Intl APP/DEP | 126.800 |
| Phoenix Sky Harbor Intl APP/DEP | 128.650 |
| Phoenix Sky Harbor Intl APP/DEP | 126.800 |
| Phoenix Sky Harbor Intl APP/DEP | 124.900 |
| Phoenix Sky Harbor Intl APP/DEP | 128.650 |

## Approach frequencies

|           |     |        |         |
|-----------|-----|--------|---------|
| ILS-cat-I | 26  | 111.75 | 18.00mi |
| ILS-cat-I | 07L | 111.5  | 18.00mi |
| ILS-cat-I | 25L | 110.75 | 18.00mi |
| ILS-cat-I | 08  | 111.75 | 18.00mi |
| ILS-cat-I | 07R | 110.75 | 18.00mi |
| 3° GS     | 08  | 111.75 | 18.00mi |
| 3° GS     | 25L | 110.75 | 18.00mi |
| 3° GS     | 07L | 111.5  | 18.00mi |
| 3° GS     | 26  | 111.75 | 18.00mi |
| 3° GS     | 07R | 110.75 | 18.00mi |

## Nearby beacons

| code | identifier                     | dist | bearing | frequency |
|------|--------------------------------|------|---------|-----------|
| PXR  | PHOENIX VORTAC                 | 2    | 91.7°   | 115.60    |
| LUF  | LUKE (GLENDALE) TACAN          | 19.4 | 285.6°  | 113       |
| IWA  | WILLIE (PHOENIX) VORTAC        | 19.7 | 110°    | 113.30    |
| TFD  | STANFIELD (CASA GRANDE) VORTAC | 33.3 | 169.3°  | 114.80    |
| BXK  | BUCKEYE VORTAC                 | 40.7 | 271.3°  | 110.60    |
| GBN  | GILA BEND VORTAC               | 43.9 | 234.1°  | 116.60    |
| PAN  | DME                            | 59.7 | 39.5°   | 116.35    |

## Departure and arrival routes

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

| SID end points | distance | outbound direction |
|----------------|----------|--------------------|
| RW07 (ALL)     |          |                    |
| QUAKY1, MRBIL1 | 154.5    | 35°                |
| FORPE1         | 154.7    | 71°                |
| BROAK1         | 271.0    | 80°                |
| ECLPS1         | 157.6    | 111°               |
| STRRM1         | 97.6     | 141°               |
| FYRBD1         | 106.2    | 251°               |
| KEENS2         | 92.2     | 282°               |
| ZEPER2         | 95.0     | 321°               |
| RW07L          |          |                    |
| SJN9           | 275.4    | 73°                |
| TFD4           | 97.6     | 141°               |
| MOBIE4         | 43.9     | 234°               |
| CHILY4         | 145.3    | 314°               |
| RW07R          |          |                    |
| SJN9           | 275.4    | 73°                |
| TFD4           | 97.6     | 141°               |
| MOBIE4         | 43.9     | 234°               |
| CHILY4         | 145.3    | 314°               |
| RW08           |          |                    |
| QUAKY1, MRBIL1 | 154.5    | 35°                |
| FORPE1         | 154.7    | 71°                |
| SJN9           | 275.4    | 73°                |
| BROAK1         | 271.0    | 80°                |
| ECLPS1         | 157.6    | 111°               |
| STRRM1, TFD4   | 97.6     | 141°               |
| MOBIE4         | 43.9     | 234°               |
| FYRBD1         | 106.2    | 251°               |
| KEENS2         | 92.2     | 282°               |
| CHILY4         | 145.3    | 314°               |
| ZEPER2         | 95.0     | 321°               |

|            |                |       |      |
|------------|----------------|-------|------|
| RW25 (ALL) |                |       |      |
|            | BROAK1         | 271.0 | 80°  |
|            | STRRM1, TFD4   | 97.6  | 141° |
|            | MOBIE4         | 43.9  | 234° |
|            | FYRBD1         | 106.2 | 251° |
|            | KEENS2         | 92.2  | 282° |
| RW25L      |                |       |      |
|            | QUAKY1, MRBIL1 | 154.5 | 35°  |
|            | FORPE1         | 154.7 | 71°  |
|            | SJN9           | 275.4 | 73°  |
|            | ECLPS1         | 157.6 | 111° |
|            | CHILY4         | 145.3 | 314° |
|            | ZEPER2         | 95.0  | 321° |
| RW25R      |                |       |      |
|            | QUAKY1, MRBIL1 | 154.5 | 35°  |
|            | FORPE1         | 154.7 | 71°  |
|            | SJN9           | 275.4 | 73°  |
|            | ECLPS1         | 157.6 | 111° |
|            | CHILY4         | 145.3 | 314° |
|            | ZEPER2         | 95.0  | 321° |
| RW26       |                |       |      |
|            | QUAKY1, MRBIL1 | 154.5 | 35°  |
|            | FORPE1         | 154.7 | 71°  |
|            | SJN9           | 275.4 | 73°  |
|            | BROAK1         | 271.0 | 80°  |
|            | ECLPS1         | 157.6 | 111° |
|            | TFD4, STRRM1   | 97.6  | 141° |
|            | MOBIE4         | 43.9  | 234° |
|            | FYRBD1         | 106.2 | 251° |
|            | KEENS2         | 92.2  | 282° |
|            | CHILY4         | 145.3 | 314° |
|            | ZEPER2         | 95.0  | 321° |

| STAR starting points |              | distance | inbound direction |
|----------------------|--------------|----------|-------------------|
| ALL                  |              |          |                   |
|                      | COYOT5       | 39.6     | 169°              |
|                      | DSERT2       | 63.0     | 199°              |
|                      | JESSE3       | 87.1     | 223°              |
|                      | BUNTR3       | 36.4     | 234°              |
|                      | SUNSS8       | 61.0     | 306°              |
| RW07 (ALL)           |              |          |                   |
|                      | BLH5, ARLIN4 | 34.9     | 77°               |
|                      | EAGUL6       | 40.4     | 234°              |
|                      | PINNG1       | 40.9     | 315°              |
| RW07L                |              |          |                   |
|                      | HYDRR1       | 41.6     | 79°               |
|                      | BRUSR1       | 39.6     | 169°              |
| RW07R                |              |          |                   |

|            |              |      |      |
|------------|--------------|------|------|
| RW08       | HYDRR1       | 41.6 | 79°  |
|            | BRUSR1       | 39.6 | 169° |
| RW25 (ALL) | ARLIN4, BLH5 | 34.9 | 77°  |
|            | HYDRR1       | 41.6 | 79°  |
|            | BRUSR1       | 39.6 | 169° |
|            | EAGUL6       | 40.4 | 234° |
|            | PINNG1       | 40.9 | 315° |
| RW25L      | ARLIN4, BLH5 | 34.9 | 77°  |
|            | HYDRR1       | 41.6 | 79°  |
|            | BRUSR1       | 39.6 | 169° |
| RW25R      | EAGUL6       | 40.4 | 234° |
|            | PINNG1       | 40.9 | 315° |
| RW26       | EAGUL6       | 40.4 | 234° |
|            | PINNG1       | 40.9 | 315° |
| RW26       | ARLIN4, BLH5 | 34.9 | 77°  |
|            | HYDRR1       | 41.6 | 79°  |
|            | BRUSR1       | 39.6 | 169° |
|            | EAGUL6       | 40.4 | 234° |
|            | PINNG1       | 40.9 | 315° |

## Holding patterns

| STAR name | hold at | type | turn  | heading*   | altitude          | leg          | speed limit |
|-----------|---------|------|-------|------------|-------------------|--------------|-------------|
| ARLIN4    | ARLIN   | VHF  | right | 256 (76)°  |                   | 1.0min timed | ICAO rules  |
| ARLIN4    | HYDRR   | VHF  | right | 215 (35)°  |                   | 1.0min timed | ICAO rules  |
| BLH5      | ARLIN   | VHF  | right | 256 (76)°  |                   | 1.0min timed | ICAO rules  |
| BLH5      | HYDRR   | VHF  | right | 215 (35)°  |                   | 1.0min timed | ICAO rules  |
| BRUSR1    | BRUSR   | VHF  | right | 336 (156)° |                   | DME 8.0mi    | ICAO rules  |
| BRUSR1    | DRK     | NDB  | left  | 349 (169)° |                   | DME 11.0mi   | 265         |
| BRUSR1    | DUTEY   | VHF  | left  | 338 (158)° |                   | DME 10.0mi   | ICAO rules  |
| BRUSR1    | TENTS   | VHF  | right | 339 (159)° |                   | DME 10.0mi   | ICAO rules  |
| BRUSR1    | WOTRO   | VHF  | right | 292 (112)° |                   | DME 10.0mi   | ICAO rules  |
| BUNTR3    | GUMMO   | VHF  | right | 360 (180)° | 6001ft - 14000ft  | DME 8.0mi    | 210         |
| BUNTR3    | GUP     | NDB  | left  | 38 (218)°  | < 17999ft         | 1.0min timed | ICAO rules  |
| BUNTR3    | HOMRR   | VHF  | right | 41 (221)°  | < 17999ft         | DME 8.0mi    | ICAO rules  |
| BUNTR3    | PICHR   | VHF  | right | 35 (215)°  | < 17999ft         | DME 10.0mi   | ICAO rules  |
| BUNTR3    | ZUN     | NDB  | left  | 73 (253)°  | 18000ft - 45000ft | 1.5min timed | ICAO rules  |
| COYOT5    | BRUSR   | VHF  | right | 336 (156)° |                   | DME 8.0mi    | ICAO rules  |
| COYOT5    | DRK     | NDB  | left  | 349 (169)° |                   | DME 11.0mi   | 265         |
| COYOT5    | HATRK   | VHF  | left  | 307 (127)° |                   | DME 7.0mi    | 265         |
| COYOT5    | SINHO   | VHF  | right | 288 (108)° |                   | DME 10.0mi   | 265         |

|        |       |     |       |            |                   |              |            |
|--------|-------|-----|-------|------------|-------------------|--------------|------------|
| DSERT2 | DSERT | VHF | left  | 345 (165)° |                   | DME 10.0mi   | ICAO rules |
| DSERT2 | SHOCK | VHF | left  | 2 (182)°   |                   | DME 10.0mi   | ICAO rules |
| EAGUL6 | EAGUL | VHF | right | 35 (215)°  |                   | DME 10.0mi   | ICAO rules |
| EAGUL6 | GUP   | NDB | left  | 38 (218)°  | < 17999ft         | 1.0min timed | ICAO rules |
| EAGUL6 | HOMRR | VHF | right | 41 (221)°  | < 17999ft         | DME 8.0mi    | ICAO rules |
| EAGUL6 | ZUN   | NDB | left  | 73 (253)°  | 18000ft - 45000ft | 1.5min timed | ICAO rules |
| HYDRR1 | BLH   | NDB | left  | 268 (88)°  | < 60000ft         | DME 12.0mi   | ICAO rules |
| HYDRR1 | GEELA | VHF | right | 256 (76)°  | < 17999ft         | DME 7.0mi    | ICAO rules |
| HYDRR1 | HYDRR | VHF | right | 215 (35)°  |                   | 1.0min timed | ICAO rules |
| JESSE3 | BUNTR | VHF | right | 34 (214)°  | 6001ft - 14000ft  | DME 7.0mi    | 210        |
| JESSE3 | GUMMO | VHF | right | 360 (180)° | 6001ft - 14000ft  | DME 8.0mi    | 210        |
| JESSE3 | GUP   | NDB | left  | 38 (218)°  | < 17999ft         | 1.0min timed | ICAO rules |
| JESSE3 | INW   | NDB | right | 248 (68)°  |                   | 1.0min timed | ICAO rules |
| JESSE3 | ZUN   | NDB | left  | 73 (253)°  | 18000ft - 45000ft | 1.5min timed | ICAO rules |
| PINNG1 | BNNKR | VHF | left  | 92 (272)°  |                   | DME 10.0mi   | ICAO rules |
| PINNG1 | BRDEY | VHF | left  | 112 (292)° |                   | DME 10.0mi   | ICAO rules |
| PINNG1 | PINNG | VHF | left  | 112 (292)° |                   | DME 10.0mi   | ICAO rules |
| SUNSS8 | BAYBI | VHF | left  | 120 (300)° |                   | DME 9.0mi    | ICAO rules |
| SUNSS8 | ITEMM | VHF | left  | 93 (273)°  |                   | DME 10.0mi   | ICAO rules |
| SUNSS8 | SQUEZ | VHF | left  | 120 (300)° |                   | DME 7.0mi    | ICAO rules |

\*) magnetic outbound (inbound) holding course

## Disclaimer

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