

# KDCA - Washington - Ronald Reagan Washington Ntnl

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## Airport details

|             |                          |
|-------------|--------------------------|
| State       | Virginia                 |
| Country     | United States of America |
| Region      | K6                       |
| Elevation   | 15ft (5m)                |
| Timezone    | GMT -5                   |
| Coordinates | 38.85144, -77.03772      |
| Type        | land                     |
| ICAO code   | KDCA                     |
| IATA code   | DCA                      |
| FAA code    | DCA                      |

## Runway info

|                        |                            |
|------------------------|----------------------------|
| Runway 1 / 19          |                            |
| length                 | 2189m (7182ft)             |
| bearing                | 354° / 174°                |
| width                  | 46m (151ft)                |
| surface                | asphalt                    |
| blast zone             | 60m (197ft) / 61m (200ft)  |
| Runway 15 / 33         |                            |
| length                 | 1584m (5197ft)             |
| bearing                | 136° / 316°                |
| width                  | 46m (151ft)                |
| surface                | asphalt                    |
| blast zone             | 113m (371ft) / 60m (197ft) |
| Runway 4 / 22          |                            |
| length                 | 1527m (5010ft)             |
| bearing                | 31° / 211°                 |
| width                  | 46m (151ft)                |
| surface                | asphalt                    |
| displacement threshold | 61m (200ft) / 0m (0ft)     |
| blast zone             | 0m (0ft) / 113m (371ft)    |

## Communication

|                                       |         |
|---------------------------------------|---------|
| Ronald Reagan Washington Ntnl<br>ATIS | 132.650 |
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|                                                 |         |
|-------------------------------------------------|---------|
| Ronald Reagan Washington Ntnl<br>ATIS           | 132.650 |
| Ronald Reagan Washington Ntnl<br>UNICOM         | 122.950 |
| Ronald Reagan Washington Ntnl<br>UNICOM         | 122.950 |
| Ronald Reagan Washington Ntnl<br>UNICOM         | 122.950 |
| Ronald Reagan Washington Ntnl<br>UNICOM         | 122.950 |
| Ronald Reagan Washington Ntnl<br>CLNC DEL       | 128.250 |
| Ronald Reagan Washington Ntnl<br>CLNC DEL       | 128.250 |
| Ronald Reagan Washington Ntnl<br>CLNC DEL       | 128.250 |
| Ronald Reagan Washington Ntnl<br>CLNC DEL       | 128.250 |
| Ronald Reagan Washington Ntnl<br>GND            | 121.700 |
| Ronald Reagan Washington Ntnl<br>GND            | 121.700 |
| Ronald Reagan Washington Ntnl<br>GND            | 121.700 |
| Ronald Reagan Washington Ntnl<br>GND            | 121.700 |
| Ronald Reagan Washington Ntnl<br>WASHINGTON TWR | 119.100 |
| Ronald Reagan Washington Ntnl<br>WASHINGTON TWR | 119.100 |
| Ronald Reagan Washington Ntnl<br>WASHINGTON TWR | 119.100 |
| Ronald Reagan Washington Ntnl<br>WASHINGTON TWR | 119.100 |
| Ronald Reagan Washington Ntnl<br>POTOMAC APP    | 119.850 |
| Ronald Reagan Washington Ntnl<br>POTOMAC APP    | 119.850 |
| Ronald Reagan Washington Ntnl<br>POTOMAC APP    | 124.200 |
| Ronald Reagan Washington Ntnl<br>POTOMAC APP    | 124.200 |
| Ronald Reagan Washington Ntnl<br>POTOMAC APP    | 119.850 |
| Ronald Reagan Washington Ntnl<br>POTOMAC APP    | 119.850 |
| Ronald Reagan Washington Ntnl<br>POTOMAC APP    | 124.200 |
| Ronald Reagan Washington Ntnl<br>POTOMAC APP    | 124.200 |
| Ronald Reagan Washington Ntnl<br>POTOMAC DEP    | 118.950 |

|                                              |         |
|----------------------------------------------|---------|
| Ronald Reagan Washington Ntnl<br>POTOMAC DEP | 118.950 |
| Ronald Reagan Washington Ntnl<br>POTOMAC DEP | 125.650 |
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| Ronald Reagan Washington Ntnl<br>POTOMAC DEP | 118.950 |
| Ronald Reagan Washington Ntnl<br>POTOMAC DEP | 118.950 |
| Ronald Reagan Washington Ntnl<br>POTOMAC DEP | 125.650 |

## Approach frequencies

|            |    |       |         |
|------------|----|-------|---------|
| LDA        | 19 | 109.9 | 18.00mi |
| ILS-cat-II | 01 | 109.9 | 18.00mi |
| 3° GS      | 01 | 109.9 | 18.00mi |

## Nearby beacons

| code | identifier                       | dist | bearing | frequency |
|------|----------------------------------|------|---------|-----------|
| DCA  | WASHINGTON, D.C. VOR/DME         | 0.4  | 9°      | 111       |
| DCA  | OXONN (WASHINGTON) NDB           | 5.1  | 173.1°  | 332       |
| GTN  | GEORGETOWN (WASH., D.C.) NDB     | 6.2  | 312.2°  | 323       |
| ADW  | ANDREWS (CAMP SPRINGS) VORTAC    | 8.4  | 104.4°  | 113.10    |
| DAA  | DAVEE (FT BELVOIR) NDB           | 11.8 | 200.8°  | 223       |
| OTT  | NOTTINGHAM VORTAC                | 16.2 | 116.4°  | 113.70    |
| BUH  | ANNE ARUNDEL (FT MEADE) NDB      | 19   | 50°     | 260       |
| AML  | ARMEL (WASH.,D.C.) VOR/DME       | 20.6 | 280.9°  | 113.50    |
| BAL  | BALTIMORE VORTAC                 | 26   | 49.6°   | 115.10    |
| FND  | ELLCOTT (BALTIMORE) NDB          | 28.8 | 30.8°   | 371       |
| BRV  | BROOKE VORTAC                    | 34.2 | 211.4°  | 114.50    |
| FDK  | FREDERICK VOR                    | 37.1 | 328.9°  | 109       |
| EMI  | WESTMINSTER VORTAC               | 38.7 | 5.2°    | 117.90    |
| EZF  | SHANNON (FREDERICKSBURG) NDB     | 40.1 | 215.2°  | 237       |
| CSN  | CASANOVA VORTAC                  | 40.7 | 255.7°  | 116.30    |
| MTN  | MARTIN (BALTIMORE) TACAN         | 41   | 52.5°   | 134.10    |
| NHK  | PATUXENT NDB                     | 45.1 | 131.7°  | 400       |
| PXT  | PATUXENT (PATUXENT RIVER) VORTAC | 45.1 | 131.4°  | 117.60    |
| MSQ  | NAILR (CULPEPER) NDB             | 47.1 | 245.4°  | 351       |
| MRB  | MARTINSBURG VORTAC               | 49.5 | 303.3°  | 112.10    |
| HGR  | HAGERSTOWN VOR                   | 63.4 | 315.9°  | 109.80    |

## Departure and arrival routes

Transition altitude 18000ft  
Transition level 18000ft

| <b>SID end points</b> | <b>distance</b> | <b>outbound direction</b> |
|-----------------------|-----------------|---------------------------|
| RW01                  |                 |                           |
| DOCTR5                | 83.0            | 60°                       |
| SOOKI5                | 41.8            | 70°                       |
| AMEEE1                | 78.0            | 162°                      |
| JDUBB4                | 148.9           | 227°                      |
| SCRAM6                | 127.6           | 235°                      |
| CLTCH3                | 122.6           | 247°                      |
| REBLL5                | 54.6            | 270°                      |
| WYNGS5                | 55.4            | 275°                      |
| HORTO4                | 51.3            | 332°                      |
| RW04                  |                 |                           |
| DOCTR5                | 83.0            | 60°                       |
| SOOKI5                | 41.8            | 70°                       |
| AMEEE1                | 78.0            | 162°                      |
| RW15                  |                 |                           |
| DOCTR5                | 83.0            | 60°                       |
| SOOKI5                | 41.8            | 70°                       |
| AMEEE1                | 78.0            | 162°                      |
| JDUBB4                | 148.9           | 227°                      |
| SCRAM6                | 127.6           | 235°                      |
| CLTCH3                | 122.6           | 247°                      |
| REBLL5                | 54.6            | 270°                      |
| WYNGS5                | 55.4            | 275°                      |
| HORTO4                | 51.3            | 332°                      |
| RW19                  |                 |                           |
| DOCTR5                | 83.0            | 60°                       |
| SOOKI5                | 41.8            | 70°                       |
| AMEEE1                | 78.0            | 162°                      |
| JDUBB4                | 148.9           | 227°                      |
| SCRAM6                | 127.6           | 235°                      |
| CLTCH3                | 122.6           | 247°                      |
| REBLL5                | 54.6            | 270°                      |
| WYNGS5                | 55.4            | 275°                      |
| HORTO4                | 51.3            | 332°                      |
| RW33                  |                 |                           |
| DOCTR5                | 83.0            | 60°                       |
| SOOKI5                | 41.8            | 70°                       |
| AMEEE1                | 78.0            | 162°                      |
| JDUBB4                | 148.9           | 227°                      |
| SCRAM6                | 127.6           | 235°                      |
| CLTCH3                | 122.6           | 247°                      |
| REBLL5                | 54.6            | 270°                      |
| WYNGS5                | 55.4            | 275°                      |

HORTO4

51.3

332°

| STAR starting points |        | distance | inbound direction |
|----------------------|--------|----------|-------------------|
| ALL                  |        |          |                   |
|                      | TIKEE3 | 58.4     | 79°               |
| RW01                 |        |          |                   |
|                      | IRONS7 | 19.5     | 12°               |
|                      | CAPSS3 | 40.4     | 19°               |
|                      | TRUPS4 | 31.0     | 87°               |
|                      | NUMMY3 | 20.6     | 101°              |
|                      | FRDMM5 | 29.8     | 102°              |
|                      | DEALE3 | 23.8     | 276°              |
| RW04                 |        |          |                   |
|                      | IRONS7 | 19.5     | 12°               |
|                      | CAPSS3 | 40.4     | 19°               |
|                      | TRUPS4 | 31.0     | 87°               |
|                      | NUMMY3 | 20.6     | 101°              |
|                      | FRDMM5 | 29.8     | 102°              |
|                      | DEALE3 | 23.8     | 276°              |
| RW15                 |        |          |                   |
|                      | IRONS7 | 19.5     | 12°               |
|                      | CAPSS3 | 40.4     | 19°               |
|                      | TRUPS4 | 31.0     | 87°               |
|                      | NUMMY3 | 20.6     | 101°              |
|                      | FRDMM5 | 29.8     | 102°              |
|                      | DEALE3 | 23.8     | 276°              |
| RW19                 |        |          |                   |
|                      | IRONS7 | 19.5     | 12°               |
|                      | CAPSS3 | 40.4     | 19°               |
|                      | TRUPS4 | 31.0     | 87°               |
|                      | NUMMY3 | 20.6     | 101°              |
|                      | FRDMM5 | 29.8     | 102°              |
|                      | DEALE3 | 23.8     | 276°              |
| RW22                 |        |          |                   |
|                      | IRONS7 | 19.5     | 12°               |
|                      | CAPSS3 | 40.4     | 19°               |
|                      | TRUPS4 | 31.0     | 87°               |
|                      | NUMMY3 | 20.6     | 101°              |
|                      | FRDMM5 | 29.8     | 102°              |
|                      | DEALE3 | 23.8     | 276°              |
| RW33                 |        |          |                   |
|                      | IRONS7 | 19.5     | 12°               |
|                      | CAPSS3 | 40.4     | 19°               |
|                      | TRUPS4 | 31.0     | 87°               |
|                      | NUMMY3 | 20.6     | 101°              |
|                      | FRDMM5 | 29.8     | 102°              |
|                      | DEALE3 | 23.8     | 276°              |

## Holding patterns

| STAR name | hold at | type | turn  | heading*   | altitude            | leg             | speed limit |
|-----------|---------|------|-------|------------|---------------------|-----------------|-------------|
| CAPSS3    | BULII   | VHF  | right | 205 (25)°  | 6001ft -<br>14000ft | DME 10.0mi      | 230         |
| CAPSS3    | CAPSS   | VHF  | right | 205 (25)°  |                     | DME 10.0mi      | 230         |
| CAPSS3    | HALLL   | VHF  | left  | 233 (53)°  |                     | DME 5.0mi       | ICAO rules  |
| CAPSS3    | MOEJO   | VHF  | right | 208 (28)°  |                     | DME 5.0mi       | ICAO rules  |
| CAPSS3    | WAVES   | VHF  | right | 205 (25)°  | 6001ft -<br>14000ft | DME 10.0mi      | 250         |
| CLIPR2    | TRISH   | VHF  | right | 45 (225)°  |                     | 1.0min<br>timed | 210         |
| DEALE3    | BILIT   | VHF  | left  | 95 (275)°  |                     | 1.0min<br>timed | ICAO rules  |
| FRDMM5    | ALWYZ   | VHF  | left  | 299 (119)° |                     | DME 6.0mi       | 210         |
| FRDMM5    | FORGT   | VHF  | left  | 297 (117)° | 6001ft -<br>14000ft | DME 10.0mi      | 250         |
| FRDMM5    | PLDGE   | VHF  | left  | 288 (108)° |                     | DME 10.0mi      | 250         |
| IRONS7    | IRONS   | VHF  | right | 198 (18)°  |                     | 1.0min<br>timed | 210         |
| IRONS7    | PEGBY   | VHF  | right | 198 (18)°  |                     | 1.0min<br>timed | 210         |
| NUMMY3    | ALWYZ   | VHF  | left  | 299 (119)° | 6001ft -<br>14000ft | DME 6.0mi       | 210         |
| NUMMY3    | DRUZZ   | VHF  | left  | 283 (103)° | < 60000ft           | DME 10.0mi      | ICAO rules  |
| NUMMY3    | FORGT   | VHF  | left  | 297 (117)° |                     | DME 10.0mi      | 250         |
| SKILS4    | SKILS   | VHF  | right | 15 (195)°  |                     | 1.0min<br>timed | 210         |
| TRUPS4    | OOURR   | VHF  | right | 259 (79)°  |                     | DME 6.0mi       | 210         |
| TRUPS4    | SEALZ   | VHF  | right | 257 (77)°  | 6001ft -<br>14000ft | DME 10.0mi      | 250         |
| TRUPS4    | WEEDU   | VHF  | left  | 268 (88)°  |                     | DME 10.0mi      | 250         |

\*) magnetic outbound (inbound) holding course

## Disclaimer

The information on this website is not for real aviation. Use this data with the X-Plane flight simulator only! Data taken with kind consent from X-Plane source code and data files. Content is subject to change without notice.

## To be used with X-Plane simulation only