

# 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 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 |
| 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

| <b>code</b> | <b>identifier</b>                | <b>dist</b> | <b>bearing</b> | <b>frequency</b> |
|-------------|----------------------------------|-------------|----------------|------------------|
| 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         | ELLICOTT (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°

| <b>STAR starting points</b> | <b>distance</b> | <b>inbound direction</b> |
|-----------------------------|-----------------|--------------------------|
| ALL                         |                 |                          |
| RW01                        |                 |                          |
| TIKEE3                      | 58.4            | 79°                      |
| 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

| <b>STAR name</b> | <b>hold at</b> | <b>type</b> | <b>turn</b> | <b>heading*</b> | <b>altitude</b>     | <b>leg</b>      | <b>speed limit</b> |
|------------------|----------------|-------------|-------------|-----------------|---------------------|-----------------|--------------------|
| CAPSS3           | BULII          | VHF         | right       | 205 (25)°       |                     | 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)°       |                     | DME 10.0mi      | 250                |
| CLIPR2           | TRISH          | VHF         | right       | 45 (225)°       | 6001ft -<br>14000ft | 1.0min<br>timed | 210                |
| DEALE3           | BILIT          | VHF         | left        | 95 (275)°       |                     | 1.0min<br>timed | ICAO rules         |
| FRDMM5           | ALWYZ          | VHF         | left        | 299 (119)°      | 6001ft -<br>14000ft | DME 6.0mi       | 210                |
| FRDMM5           | FORGT          | VHF         | left        | 297 (117)°      |                     | DME 10.0mi      | 250                |
| FRDMM5           | PLDGE          | VHF         | left        | 288 (108)°      |                     | DME 10.0mi      | 250                |
| IRONS7           | IRONS          | VHF         | right       | 198 (18)°       | 6001ft -<br>14000ft | 1.0min<br>timed | 210                |
| IRONS7           | PEGBY          | VHF         | right       | 198 (18)°       | 6001ft -<br>14000ft | 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)°       | 6001ft -<br>14000ft | 1.0min<br>timed | 210                |
| TRUPS4           | OOURR          | VHF         | right       | 259 (79)°       | 6001ft -<br>14000ft | DME 6.0mi       | 210                |
| TRUPS4           | SEALZ          | VHF         | right       | 257 (77)°       |                     | 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