

KIAD

Washington Dulles Intl

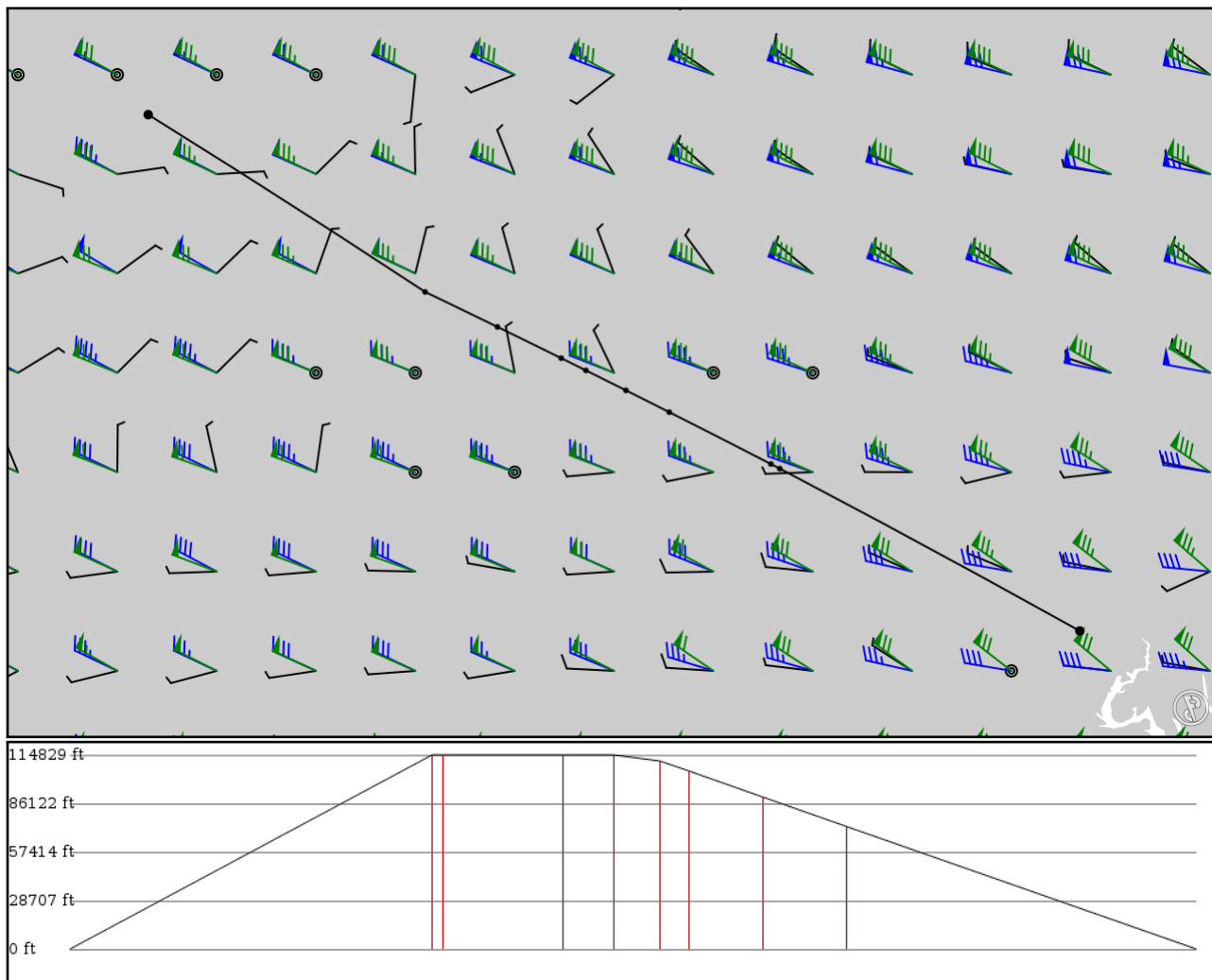
KDTW

Detroit Metro International Airport

2024/05/16 0134Z

KIAD IHD **J518** SRPEN KDTW

333.30 nm / 617.27 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 35000ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: no
- Use high airways: yes

Route

| Ident Type | | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|-----------|------------|-----|--------------|-------------------------------------|
| KIAD | - | 38.94770 | 0 ft | - | | Washington Dulles Intl |
| APT | - | -77.46090 | 0 m | | | |
| IHD | - | 39.97420 | 35,000 ft | 107 | | INDIAN HEAD |
| VOR | - | -79.35840 | 10,668 m | | | |
| LEJOY | J518 | 40.00340 | 35,000 ft | 3 | - | |
| FIX | AWY-HI | -79.41490 | 10,668 m | | | |
| AVERE | J518 | 40.33100 | 35,000 ft | 35 | - | |
| FIX | AWY-HI | -80.05730 | 10,668 m | | | |
| KODIE | J518 | 40.46890 | 35,000 ft | 15 | - | |
| FIX | AWY-HI | -80.33150 | 10,668 m | | | |
| KOZAR | J518 | 40.59500 | 33,900 ft | 13 | - | |
| FIX | AWY-HI | -80.58470 | 10,333 m | | | |
| LIVER | J518 | 40.67230 | 32,100 ft | 8 | - | |
| FIX | AWY-HI | -80.74080 | 9,784 m | | | |
| LEPEW | J518 | 40.87030 | 27,400 ft | 21 | - | |
| FIX | AWY-HI | -81.14430 | 8,352 m | | | |
| SRPEN | J518 | 41.09140 | 22,100 ft | 24 | - | |
| FIX | AWY-HI | -81.60140 | 6,736 m | | | |
| KDTW | - | 42.21220 | 0 ft | 103 | | Detroit Metro International Airport |
| APT | - | -83.35260 | 0 m | | | |

KIAD

Region: UNITED STATES
Timezone: AMERICA/NEW_YORK
Runways: 4

Elevation: 312 ft / 95 m
Location: 38.947700 -77.460900
Magnetic Var: 10.664 W

METAR

KIAD 160052Z 36006KT 10SM FEW016 BKN020 OVC041 18/15 A2974 RMK A02 SLP068 T01830150

TAF

TAF KIAD 152325Z 1600/1706 05003KT P6SM -DZ OVC020 FM160200 01005KT 6SM BR OVC015 FM160400 36005KT 6SM BR BKN035 F

Frequencies

| | |
|---------------------------------------|--------------------------------------|
| COM - 122.95 MHz - UNICOM | REC - 134.85 MHz - D-ATIS |
| CLD - 135.70 MHz - CLEARANCE DELIVERY | GND - 121.62 MHz - DULLES GROUND |
| GND - 121.90 MHz - DULLES GROUND | TWR - 120.10 MHz - DULLES TOWER |
| TWR - 120.25 MHz - DULLES TOWER | TWR - 134.42 MHz - DULLES TOWER |
| APP - 120.45 MHz - POTOMAC APPROACH | APP - 126.10 MHz - POTOMAC APPROACH |
| APP - 128.52 MHz - POTOMAC APPROACH | DEP - 126.65 MHz - POTOMAC DEPARTURE |
| DEP - 125.05 MHz - POTOMAC DEPARTURE | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 01L | 151 ft | 9,408 ft | 0.64 | CONCRETE | 0 ft | 404 ft |
| | 46 m | 2,868 m | 11.30 | | 0 m | 123 m |
| 19R | 151 ft | 9,408 ft | 180.64 | CONCRETE | 0 ft | 404 ft |
| | 46 m | 2,868 m | 191.30 | | 0 m | 123 m |
| 01C | 151 ft | 11,510 ft | 0.65 | CONCRETE | 0 ft | 407 ft |
| | 46 m | 3,508 m | 11.31 | | 0 m | 124 m |
| 19C | 151 ft | 11,510 ft | 180.65 | CONCRETE | 0 ft | 43 ft |
| | 46 m | 3,508 m | 191.31 | | 0 m | 13 m |
| 01R | 151 ft | 11,510 ft | 0.66 | CONCRETE | 0 ft | 43 ft |
| | 46 m | 3,508 m | 11.33 | | 0 m | 13 m |
| 19L | 151 ft | 11,510 ft | 180.66 | CONCRETE | 0 ft | 387 ft |
| | 46 m | 3,508 m | 191.33 | | 0 m | 118 m |
| 12 | 151 ft | 10,513 ft | 110.71 | CONCRETE | 0 ft | 20 ft |
| | 46 m | 3,204 m | 121.37 | | 0 m | 6 m |
| 30 | 151 ft | 10,513 ft | 290.73 | CONCRETE | 0 ft | 387 ft |
| | 46 m | 3,204 m | 301.39 | | 0 m | 118 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 01R | DME | IIAD | 110.10 MHz | 18 nm | - | - | 314 ft |
| | | | | 33 km | - | | 314 m |
| 19L | DME | ISGC | 110.10 MHz | 18 nm | - | - | 314 ft |
| | | | | 33 km | - | | 314 m |
| 19R | DME | IISU | 110.75 MHz | 18 nm | - | - | 313 ft |
| | | | | 33 km | - | | 313 m |
| 01C | LOC-ILS | IOSZ | 111.30 MHz | 18 nm | 0.65 | - | 312 ft |
| | | | | 33 km | 11.31 | | 312 m |
| 01R | LOC-ILS | IIAD | 110.10 MHz | 18 nm | 0.67 | - | 312 ft |
| | | | | 33 km | 11.33 | | 312 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 12 | LOC-ILS | IAJU | 109.30 MHz | 18 nm | 110.74 | - | 312 ft |
| | | | | 33 km | 121.40 | | 312 m |
| 19C | LOC-ILS | IDLX | 111.30 MHz | 18 nm | 180.65 | - | 312 ft |
| | | | | 33 km | 191.31 | | 312 m |
| 19L | LOC-ILS | ISGC | 110.10 MHz | 18 nm | 180.67 | - | 312 ft |
| | | | | 33 km | 191.33 | | 312 m |
| 19R | LOC-ILS | IISU | 110.75 MHz | 18 nm | 180.58 | - | 312 ft |
| | | | | 33 km | 191.24 | | 312 m |
| 01L | LOC-ILS | IOIU | 110.75 MHz | 18 nm | 0.58 | - | 312 ft |
| | | | | 33 km | 11.24 | | 312 m |
| 01C | GS | IOSZ | 111.30 MHz | 10 nm | 0.65 | 3.00 | 312 ft |
| | | | | 19 km | 11.31 | | 312 m |
| 01R | GS | IIAD | 110.10 MHz | 10 nm | 0.67 | 3.00 | 312 ft |
| | | | | 19 km | 11.33 | | 312 m |
| 12 | GS | IAJU | 109.30 MHz | 10 nm | 110.74 | 3.00 | 312 ft |
| | | | | 19 km | 121.40 | | 312 m |
| 19C | GS | IDLX | 111.30 MHz | 10 nm | 180.65 | 3.00 | 312 ft |
| | | | | 19 km | 191.31 | | 312 m |
| 19L | GS | ISGC | 110.10 MHz | 10 nm | 180.67 | 3.00 | 312 ft |
| | | | | 19 km | 191.33 | | 312 m |
| 19R | GS | IISU | 110.75 MHz | 10 nm | 180.58 | 3.00 | 312 ft |
| | | | | 19 km | 191.24 | | 312 m |
| 01L | GS | IOIU | 110.75 MHz | 10 nm | 0.58 | 3.00 | 312 ft |
| | | | | 19 km | 11.24 | | 312 m |

KDTW

Region: UNITED STATES
Timezone: AMERICA/DETROIT
Runways: 6

Elevation: 645 ft / 197 m
Location: 42.212200 -83.352600
Magnetic Var: 7.491 W

METAR

KDTW 160053Z 03009KT 10SM FEW230 19/09 A2983 RMK AO2 SLP101 T01890094

TAF

TAF KDTW 152320Z 1600/1706 03007KT P6SM SCT250 FM160700 02005KT P6SM SCT025 BKN100 TEMPO 1609/1613 BKN025 FM161800

Frequencies

| | |
|--------------------------------------|---------------------------------------|
| REC - 118.12 MHz - ATIS | REC - 133.67 MHz - ATIS |
| COM - 122.95 MHz - UNICOM | CLD - 120.65 MHz - CLEARANCE DELIVERY |
| GND - 119.25 MHz - METRO GROUND | GND - 119.45 MHz - METRO GROUND |
| GND - 121.80 MHz - METRO GROUND | GND - 132.72 MHz - METRO GROUND |
| TWR - 118.40 MHz - METRO TOWER | TWR - 128.12 MHz - METRO TOWER |
| TWR - 128.75 MHz - METRO TOWER | TWR - 135.00 MHz - METRO TOWER |
| APP - 124.05 MHz - DETROIT APPROACH | APP - 125.15 MHz - DETROIT APPROACH |
| DEP - 118.95 MHz - DETROIT DEPARTURE | DEP - 125.52 MHz - DETROIT DEPARTURE |
| DEP - 132.02 MHz - DETROIT DEPARTURE | DEP - 134.30 MHz - DETROIT DEPARTURE |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 04R | 200 ft | 12,011 ft | 28.61 | CONCRETE | 512 ft | 397 ft |
| | 61 m | 3,661 m | 36.10 | | 156 m | 121 m |
| 22L | 200 ft | 12,011 ft | 208.63 | CONCRETE | 0 ft | 433 ft |
| | 61 m | 3,661 m | 216.12 | | 0 m | 132 m |
| 03R | 151 ft | 10,005 ft | 28.61 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 3,049 m | 36.10 | | 0 m | 122 m |
| 21L | 151 ft | 10,005 ft | 208.62 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 3,049 m | 216.11 | | 0 m | 122 m |
| 04L | 151 ft | 10,003 ft | 28.58 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 3,049 m | 36.07 | | 0 m | 122 m |
| 22R | 151 ft | 10,003 ft | 208.59 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 3,049 m | 216.08 | | 0 m | 122 m |
| 09L | 151 ft | 8,687 ft | 88.70 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,648 m | 96.19 | | 0 m | 122 m |
| 27R | 151 ft | 8,687 ft | 268.72 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,648 m | 276.22 | | 0 m | 122 m |
| 03L | 150 ft | 8,505 ft | 28.62 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,592 m | 36.12 | | 0 m | 122 m |
| 21R | 150 ft | 8,505 ft | 208.63 | CONCRETE | 0 ft | 397 ft |
| | 46 m | 2,592 m | 216.13 | | 0 m | 121 m |
| 09R | 151 ft | 8,480 ft | 88.71 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,585 m | 96.20 | | 0 m | 122 m |
| 27L | 151 ft | 8,480 ft | 268.73 | CONCRETE | 0 ft | 400 ft |
| | 46 m | 2,585 m | 276.22 | | 0 m | 122 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|-----------|-------|-------------------------|-------|-----------|
|--------|------|-------|-----------|-------|-------------------------|-------|-----------|

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 04L | DME | IHJT | 111.95 MHz | 18 nm | - | - | 650 ft |
| | | | | 33 km | - | | 650 m |
| 04R | DME | IDTW | 110.70 MHz | 18 nm | - | - | 650 ft |
| | | | | 33 km | - | | 650 m |
| 22L | DME | IDWC | 110.70 MHz | 18 nm | - | - | 646 ft |
| | | | | 33 km | - | | 646 m |
| 03R | LOC-ILS | IHUU | 111.50 MHz | 18 nm | 28.62 | - | 645 ft |
| | | | | 33 km | 36.11 | | 645 m |
| 04L | LOC-ILS | IHJT | 111.95 MHz | 18 nm | 28.59 | - | 645 ft |
| | | | | 33 km | 36.08 | | 645 m |
| 04R | LOC-ILS | IDTW | 110.70 MHz | 18 nm | 28.63 | - | 645 ft |
| | | | | 33 km | 36.12 | | 645 m |
| 21L | LOC-ILS | IEJR | 111.50 MHz | 18 nm | 208.62 | - | 645 ft |
| | | | | 33 km | 216.11 | | 645 m |
| 22L | LOC-ILS | IDWC | 110.70 MHz | 18 nm | 208.63 | - | 645 ft |
| | | | | 33 km | 216.12 | | 645 m |
| 22R | LOC-ILS | IJKI | 111.95 MHz | 18 nm | 208.59 | - | 645 ft |
| | | | | 33 km | 216.08 | | 645 m |
| 27L | LOC-ILS | IEPA | 110.15 MHz | 18 nm | 268.72 | - | 645 ft |
| | | | | 33 km | 276.21 | | 645 m |
| 27R | LOC-ILS | IDMI | 108.50 MHz | 18 nm | 268.71 | - | 645 ft |
| | | | | 33 km | 276.20 | | 645 m |
| 22R | LOC-LOC | IJKI | 111.95 MHz | 18 nm | 208.59 | - | 645 ft |
| | | | | 33 km | 216.08 | | 645 m |
| 03R | GS | IHUU | 111.50 MHz | 10 nm | 28.62 | 3.00 | 645 ft |
| | | | | 19 km | 36.11 | | 645 m |
| 04L | GS | IHJT | 111.95 MHz | 10 nm | 28.59 | 3.00 | 645 ft |
| | | | | 19 km | 36.08 | | 645 m |
| 04R | GS | IDTW | 110.70 MHz | 10 nm | 28.63 | 3.00 | 645 ft |
| | | | | 19 km | 36.12 | | 645 m |
| 21L | GS | IEJR | 111.50 MHz | 10 nm | 208.62 | 3.00 | 645 ft |
| | | | | 19 km | 216.11 | | 645 m |
| 22L | GS | IDWC | 110.70 MHz | 10 nm | 208.63 | 2.85 | 645 ft |
| | | | | 19 km | 216.12 | | 645 m |
| 22R | GS | IJKI | 111.95 MHz | 10 nm | 208.59 | 3.00 | 645 ft |
| | | | | 19 km | 216.08 | | 645 m |
| 27L | GS | IEPA | 110.15 MHz | 10 nm | 268.72 | 3.00 | 645 ft |
| | | | | 19 km | 276.21 | | 645 m |
| 27R | GS | IDMI | 108.50 MHz | 10 nm | 268.71 | 3.00 | 645 ft |
| | | | | 19 km | 276.20 | | 645 m |