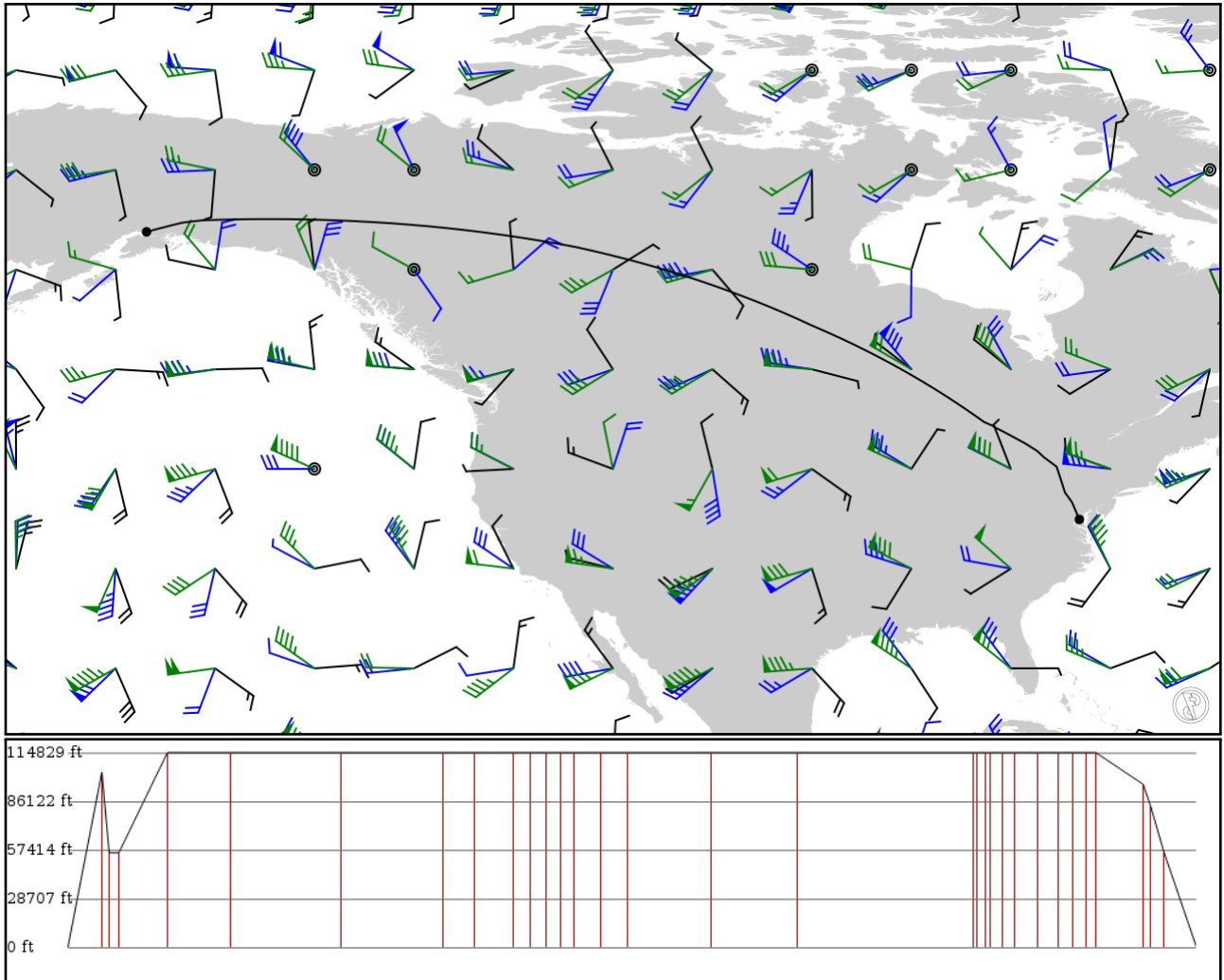


2024/05/06 1908Z

PAED UREKA **V456** GKN **NCA14** YNE **NCA15** SSM **J531** YMS **J525** YYZ **J531** BUF **J61** MICAH KADW

2956.67 nm / 5475.76 km



## Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 280kts
- Cruise Altitude: 37000ft
- Cruise Speed: 500kts
- Descent Rate: 1700ft/min
- Descent Speed: 240kts

Options:

- Use NATs: yes
- Use PACOTS: yes
- Use low airways: yes
- Use high airways: yes

## Route

| Ident<br>Type | Via    | Lat<br>Lon | Alt       | Dist<br>(nm) | Name                    |
|---------------|--------|------------|-----------|--------------|-------------------------|
| PAED          | -      | 61.25141   | 0 ft      | -            | ELMENDORF AFB           |
| APT           | -      | -149.80488 | 0 m       |              |                         |
| UREKA         | -      | 61.97250   | 31,500 ft | 91           | -                       |
| FIX           | -      | -146.99728 | 9,601 m   |              |                         |
| SMOKY         | V456   | 62.05542   | 17,000 ft | 20           | -                       |
| FIX           | AWY-LO | -146.30884 | 5,182 m   |              |                         |
| GKN           | V456   | 62.15375   | 17,000 ft | 24           | GULKANA VOR-DME         |
| VOR           | AWY-LO | -145.44736 | 5,182 m   |              |                         |
| GAHAM         | NCA14  | 62.24946   | 35,000 ft | 124          | -                       |
| FIX           | AWY-HI | -141.00000 | 10,668 m  |              |                         |
| HAVOK         | NCA14  | 62.15402   | 35,000 ft | 168          | -                       |
| FIX           | AWY-HI | -135.00000 | 10,668 m  |              |                         |
| RALLO         | NCA14  | 61.40101   | 35,000 ft | 287          | -                       |
| FIX           | AWY-HI | -125.00000 | 10,668 m  |              |                         |
| FADIM         | NCA14  | 60.07000   | 35,000 ft | 268          | -                       |
| FIX           | AWY-HI | -116.25667 | 10,668 m  |              |                         |
| LIBUG         | NCA14  | 59.50000   | 35,000 ft | 82           | -                       |
| FIX           | AWY-HI | -113.77083 | 10,668 m  |              |                         |
| OTRIK         | NCA14  | 58.73833   | 35,000 ft | 101          | -                       |
| FIX           | AWY-HI | -110.83333 | 10,668 m  |              |                         |
| PEVRA         | NCA14  | 58.39167   | 35,000 ft | 43           | -                       |
| FIX           | AWY-HI | -109.61667 | 10,668 m  |              |                         |
| DUROT         | NCA14  | 58.04167   | 35,000 ft | 42           | -                       |
| FIX           | AWY-HI | -108.45000 | 10,668 m  |              |                         |
| KEDEK         | NCA14  | 57.72361   | 35,000 ft | 37           | -                       |
| FIX           | AWY-HI | -107.43833 | 10,668 m  |              |                         |
| RIDOK         | NCA14  | 57.42833   | 35,000 ft | 34           | -                       |
| FIX           | AWY-HI | -106.53667 | 10,668 m  |              |                         |
| MENKI         | NCA14  | 56.79250   | 35,000 ft | 71           | -                       |
| FIX           | AWY-HI | -104.70000 | 10,668 m  |              |                         |
| LITGO         | NCA14  | 56.13833   | 35,000 ft | 70           | -                       |
| FIX           | AWY-HI | -102.94667 | 10,668 m  |              |                         |
| YNE           | NCA14  | 53.97233   | 35,000 ft | 218          | NORWAY HOUSE NDB        |
| NDB           | AWY-HI | -97.84019  | 10,668 m  |              |                         |
| FERNO         | NCA15  | 51.64750   | 35,000 ft | 227          | -                       |
| FIX           | AWY-HI | -92.87250  | 10,668 m  |              |                         |
| SSM           | NCA15  | 46.41211   | 35,000 ft | 460          | SAULT STE MARIE VOR-DME |
| DME           | AWY-HI | -84.31487  | 10,668 m  |              |                         |
| SSM10         | J531   | 46.32372   | 35,000 ft | 9            | -                       |
| FIX           | AWY-HI | -84.11069  | 10,668 m  |              |                         |
| SSM31         | J531   | 46.13707   | 35,000 ft | 20           | -                       |
| FIX           | AWY-HI | -83.68426  | 10,668 m  |              |                         |
| SSM44         | J531   | 45.98801   | 35,000 ft | 13           | -                       |
| FIX           | AWY-HI | -83.45265  | 10,668 m  |              |                         |
| SSM75         | J531   | 45.68538   | 35,000 ft | 30           | -                       |
| FIX           | AWY-HI | -82.85317  | 10,668 m  |              |                         |
| APNEL         | J531   | 45.34981   | 35,000 ft | 33           | -                       |
| FIX           | AWY-HI | -82.22842  | 10,668 m  |              |                         |
| YVV           | J531   | 44.74483   | 35,000 ft | 59           | WIARTON VOR-DME         |
| VOR           | AWY-HI | -81.10497  | 10,668 m  |              |                         |
| YMS           | J531   | 44.14317   | 35,000 ft | 54           | MANS VOR-DME            |
| VOR           | AWY-HI | -80.14642  | 10,668 m  |              |                         |
| YYZ           | J525   | 43.65822   | 35,000 ft | 36           | TORONTO VOR-DME         |

| Ident<br>Type | Via    | Lat<br>Lon | Alt       | Dist<br>(nm) | Name               |
|---------------|--------|------------|-----------|--------------|--------------------|
| VOR           | AWY-HI | -79.63153  | 10,668 m  |              |                    |
| NNSIQ         | J531   | 43.23358   | 35,000 ft | 35           | -                  |
| FIX           | AWY-HI | -79.05371  | 10,668 m  |              |                    |
| BUF           | J531   | 42.92900   | 35,000 ft | 25           | BUFFALO VOR-DME    |
| VOR           | AWY-HI | -78.64633  | 10,668 m  |              |                    |
| PSB           | J61    | 40.91625   | 29,300 ft | 124          | PHILIPSBURG VORTAC |
| VOR           | AWY-HI | -77.99272  | 8,931 m   |              |                    |
| BURNI         | J61    | 40.65684   | 25,500 ft | 17           | -                  |
| FIX           | AWY-HI | -77.80391  | 7,772 m   |              |                    |
| MICAH         | J61    | 40.15920   | 17,200 ft | 34           | -                  |
| FIX           | AWY-HI | -77.44640  | 5,243 m   |              |                    |
| KADW          | -      | 38.81081   | 0 ft      | 85           | Andrews AFB        |
| APT           | -      | -76.86712  | 0 m       |              |                    |

## PAED

Region: USA (ALASKA)  
Timezone: AMERICA/ANCHORAGE  
Runways: 2

Elevation: 212 ft / 65 m  
Location: 61.251000 -149.805000  
Magnetic Var: 14.095 E

## METAR

PAED 061755Z 03004KT 10SM FEW004 SCT036 OVC048 06/03 A2945 RMK A02A SLP969 60000 T00550030 10061 20050 52014

## TAF

TAF PAED 061308Z 0613/0719 16009KT 9999 -RA BKN015 BKN025 OVC040 QNH2936INS BECMG 0619/0620 28009KT 9999 VCSH SCT

## Frequencies

|  |                                       |
|--|---------------------------------------|
| REC - 124.30 MHz - ATIS                | CLD - 128.80 MHz - CLEARANCE DELIVERY |
| GND - 121.80 MHz - ELMENDORF GROUND    | TWR - 127.20 MHz - ELMENDORF TOWER    |
| APP - 118.60 MHz - ANCHORAGE APPROACH  | APP - 134.10 MHz - ANCHORAGE APPROACH |
| DEP - 118.60 MHz - ANCHORAGE DEPARTURE |                                       |

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 06    | 200 ft | 10,009 ft | 79.99                   | ASPHALT | 0 ft                | 1,001 ft          |
|       | 61 m   | 3,051 m   | 65.89                   |         | 0 m                 | 305 m             |
| 24    | 200 ft | 10,009 ft | 260.04                  | ASPHALT | 0 ft                | 1,001 ft          |
|       | 61 m   | 3,051 m   | 245.94                  |         | 0 m                 | 305 m             |
| 16    | 150 ft | 8,035 ft  | 179.97                  | ASPHALT | 0 ft                | 945 ft            |
|       | 46 m   | 2,449 m   | 165.87                  |         | 0 m                 | 288 m             |
| 34    | 150 ft | 8,035 ft  | 359.97                  | ASPHALT | 558 ft              | 154 ft            |
|       | 46 m   | 2,449 m   | 345.87                  |         | 170 m               | 47 m              |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 06     | LOC-ILS | IEDF  | 110.30 MHz | 18 nm | 80.01                   | -     | 212 ft    |
|        |         |       |            | 33 km | 65.92                   |       | 212 m     |
| 06     | GS      | IEDF  | 110.30 MHz | 10 nm | 80.01                   | 3.00  | 212 ft    |
|        |         |       |            | 19 km | 65.92                   |       | 212 m     |

## KADW

Region: UNITED STATES  
Timezone: AMERICA/NEW\_YORK  
Runways: 2

Elevation: 279 ft / 85 m  
Location: 38.810800 -76.867100  
Magnetic Var: 10.965 W

## METAR

KADW 061840Z AUTO 25003KT 10SM BKN023 BKN200 23/18 A2994 RMK A02 CIG 023V200 BKN023 V SCT SLP144 \$

## TAF

TAF TAF KADW 061700Z 0617/0723 VRB03KT 9999 BKN020 BKN120 BKN200 QNH2997INS BECMG 0622/0623 10005KT 8000 -SHRA VC

## Frequencies

CLD - 127.55 MHz - ANDREWS DELIVERY  
TWR - 118.40 MHz - ANDREWS TOWER  
DEP - 125.65 MHz - POTOMAC DEPARTURE  
GND - 121.80 MHz - ANDREWS GROUND  
APP - 119.30 MHz - POTOMAC APPROACH  
REC - 113.10 MHz - ATIS

## Runways

| Ident | Width  | Length    | Bearing (true)<br>(mag) | Surface  | Threshold<br>Offset | Overrun<br>Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 01R   | 150 ft | 9,769 ft  | 359.87                  | ASPHALT  | 0 ft                | 1,007 ft          |
|       | 46 m   | 2,978 m   | 10.84                   |          | 0 m                 | 307 m             |
| 19L   | 150 ft | 9,769 ft  | 179.87                  | ASPHALT  | 0 ft                | 961 ft            |
|       | 46 m   | 2,978 m   | 190.84                  |          | 0 m                 | 293 m             |
| 01L   | 200 ft | 11,322 ft | 359.86                  | CONCRETE | 1,001 ft            | 400 ft            |
|       | 61 m   | 3,451 m   | 10.82                   |          | 305 m               | 122 m             |
| 19R   | 200 ft | 11,322 ft | 179.86                  | CONCRETE | 997 ft              | 404 ft            |
|       | 61 m   | 3,451 m   | 190.82                  |          | 304 m               | 123 m             |

## Approach Nav aids

| Runway | Type    | Ident | Frequency  | Range | Bearing (true)<br>(mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 01L    | LOC-ILS | IRWS  | 111.50 MHz | 18 nm | 359.86                  | -     | 279 ft    |
|        |         |       |            | 33 km | 10.82                   |       | 279 m     |
| 01R    | LOC-ILS | IVJM  | 110.50 MHz | 18 nm | 359.87                  | -     | 279 ft    |
|        |         |       |            | 33 km | 10.83                   |       | 279 m     |
| 19L    | LOC-ILS | IGQZ  | 110.50 MHz | 18 nm | 179.87                  | -     | 249 ft    |
|        |         |       |            | 33 km | 190.83                  |       | 249 m     |
| 19R    | LOC-ILS | IMXK  | 111.50 MHz | 18 nm | 179.86                  | -     | 279 ft    |
|        |         |       |            | 33 km | 190.82                  |       | 279 m     |
| 01L    | GS      | IRWS  | 111.50 MHz | 10 nm | 359.86                  | 3.00  | 279 ft    |
|        |         |       |            | 19 km | 10.82                   |       | 279 m     |
| 01R    | GS      | IVJM  | 110.50 MHz | 10 nm | 359.87                  | 3.00  | 279 ft    |
|        |         |       |            | 19 km | 10.83                   |       | 279 m     |
| 19L    | GS      | IGQZ  | 110.50 MHz | 10 nm | 179.87                  | 3.00  | 279 ft    |
|        |         |       |            | 19 km | 190.83                  |       | 279 m     |
| 19R    | GS      | IMXK  | 111.50 MHz | 10 nm | 179.86                  | 3.00  | 279 ft    |
|        |         |       |            | 19 km | 190.82                  |       | 279 m     |