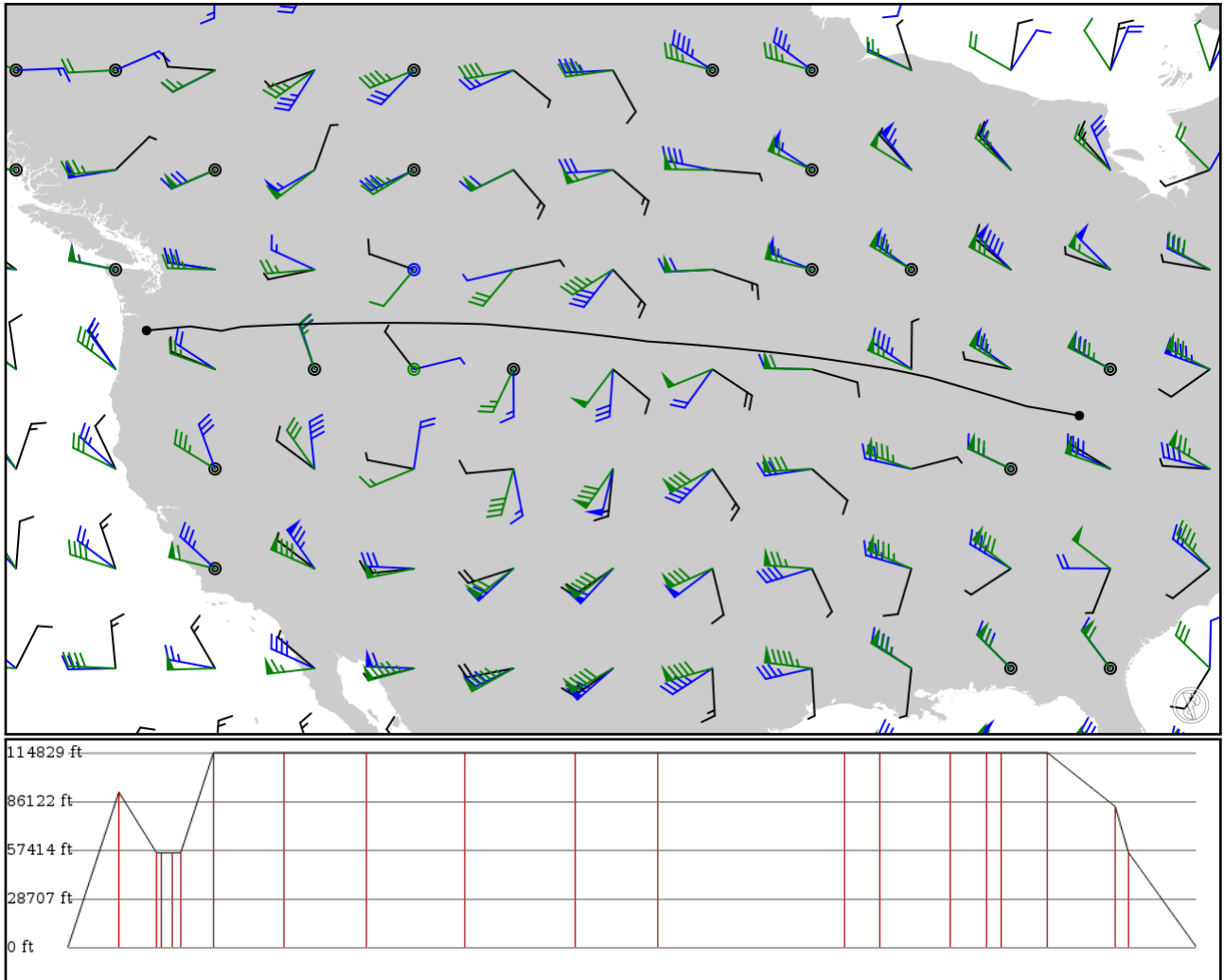


2024/05/12 1030Z

KH10 LTJ V112 PDT J16 DPR J34 BAE J70 PMM V30 BRONZ KTTF

1715.94 nm / 3177.93 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 150kts
- Cruise Altitude: 25000ft
- Cruise Speed: 240kts
- Descent Rate: 1500ft/min
- Descent Speed: 150kts

Options:

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

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|----------------|------------------------|-----------------------|--------------|-----------------------|
| KHIO APT | - | 45.54008 -122.94968 | 0 ft 0 m | - | PORTLAND HILLSBORO |
| LTJ VOR | - | 45.71358 -121.10083 | 27,900 ft 8,504 m | 78 | KLICKITAT VOR-DME |
| OGPAY FIX | V112 AWY-LO | 45.52558 -119.78086 | 17,000 ft 5,182 m | 56 | - |
| LOAMS FIX | V112 AWY-LO | 45.56310 -119.60097 | 17,000 ft 5,182 m | 7 | - |
| ECHOD FIX | V112 AWY-LO | 45.64383 -119.20848 | 17,000 ft 5,182 m | 17 | - |
| PDT VOR | V112 AWY-LO | 45.69842 -118.93869 | 17,000 ft 5,182 m | 11 | PENDLETON VORTAC |
| CHASS FIX | J16 AWY-HI | 45.75628 -117.74909 | 35,000 ft 10,668 m | 49 | - |
| DOXIE FIX | J16 AWY-HI | 45.83895 -115.17136 | 35,000 ft 10,668 m | 108 | - |
| HIA VOR | J16 AWY-HI | 45.86178 -112.16961 | 35,000 ft 10,668 m | 125 | WHITEHALL VOR-DME |
| BIL VOR | J16 AWY-HI | 45.80856 -108.62464 | 35,000 ft 10,668 m | 148 | BILLINGS VORTAC |
| RECAP FIX | J16 AWY-HI | 45.44118 -104.64351 | 35,000 ft 10,668 m | 168 | - |
| DPR VOR | J16 AWY-HI | 45.07817 -101.71508 | 35,000 ft 10,668 m | 125 | DUPREE VORTAC |
| RWF DME | J34 AWY-HI | 44.46728 -95.12823 | 35,000 ft 10,668 m | 283 | REDWOOD FALLS VOR-DME |
| HARPI FIX | J34 AWY-HI | 44.29628 -93.90695 | 35,000 ft 10,668 m | 53 | - |
| ODI VOR | J34 AWY-HI | 43.91233 -91.46753 | 35,000 ft 10,668 m | 107 | NODINE VORTAC |
| HILRO FIX | J34 AWY-HI | 43.65167 -90.22488 | 35,000 ft 10,668 m | 56 | - |
| DLL VOR | J34 AWY-HI | 43.55083 -89.76361 | 35,000 ft 10,668 m | 20 | DELLS VORTAC |
| BAE VOR | J34 AWY-HI | 43.11686 -88.28433 | 35,000 ft 10,668 m | 69 | BADGER VORTAC |
| PMM VOR | J70 AWY-HI | 42.46603 -86.10481 | 25,300 ft 7,711 m | 103 | PULLMAN VOR-DME |
| BRONZ FIX | V30 AWY-LO | 42.33366 -85.65963 | 17,000 ft 5,182 m | 21 | - |
| KTTF APT | - | 41.93990 -83.43467 | 0 ft 0 m | 101 | CUSTER |

KHIO

Region: UNITED STATES
Timezone: AMERICA/LOS_ANGELES
Runways: 3

Elevation: 208 ft / 63 m
Location: 45.542200 -122.950000
Magnetic Var: 14.500 E

METAR

KHIO 120953Z AUTO 35004KT 10SM CLR 12/07 A2993 RMK A02 SLP132 T01220072

TAF

TAF KHIO 120520Z 1206/1306 30008KT P6SM SKC FM120700 VRB02KT P6SM SKC FM130100 33011KT P6SM SKC

Frequencies

| | |
|---------------------------------------|--------------------------------------|
| REC - 127.65 MHz - HILLSBORO ATIS | COM - 119.30 MHz - HILLSBORO CTAF |
| COM - 122.95 MHz - HILLSBORO UNICOM | GND - 121.70 MHz - HILLSBORO GROUND |
| TWR - 119.30 MHz - HILLSBORO TOWER | TWR - 132.80 MHz - HILLSBORO TOWER |
| DEP - 126.00 MHz - PORTLAND DEPARTURE | APP - 126.00 MHz - PORTLAND APPROACH |
| DEP - 118.10 MHz - PORTLAND DEPARTURE | APP - 118.10 MHz - PORTLAND APPROACH |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|----------|-------------------------|---------|---------------------|-------------------|
| 13L | 60 ft | 3,603 ft | 143.64 | ASPHALT | 0 ft | 0 ft |
| | 18 m | 1,098 m | 129.14 | | 0 m | 0 m |
| 31R | 60 ft | 3,603 ft | 323.65 | ASPHALT | 0 ft | 0 ft |
| | 18 m | 1,098 m | 309.15 | | 0 m | 0 m |
| 13R | 150 ft | 6,607 ft | 143.68 | ASPHALT | 0 ft | 200 ft |
| | 46 m | 2,014 m | 129.18 | | 0 m | 61 m |
| 31L | 150 ft | 6,607 ft | 323.69 | ASPHALT | 0 ft | 200 ft |
| | 46 m | 2,014 m | 309.19 | | 0 m | 61 m |
| 02 | 75 ft | 3,824 ft | 39.52 | ASPHALT | 0 ft | 151 ft |
| | 23 m | 1,165 m | 25.02 | | 0 m | 46 m |
| 20 | 75 ft | 3,824 ft | 219.52 | ASPHALT | 0 ft | 151 ft |
| | 23 m | 1,165 m | 205.02 | | 0 m | 46 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 13R | LOC-ILS | IHIO | 110.70 MHz | 18 nm | 143.69 | - | 208 ft |
| | | | | 33 km | 129.19 | | 208 m |
| 13R | GS | IHIO | 110.70 MHz | 10 nm | 143.69 | 3.00 | 208 ft |
| | | | | 19 km | 129.19 | | 208 m |