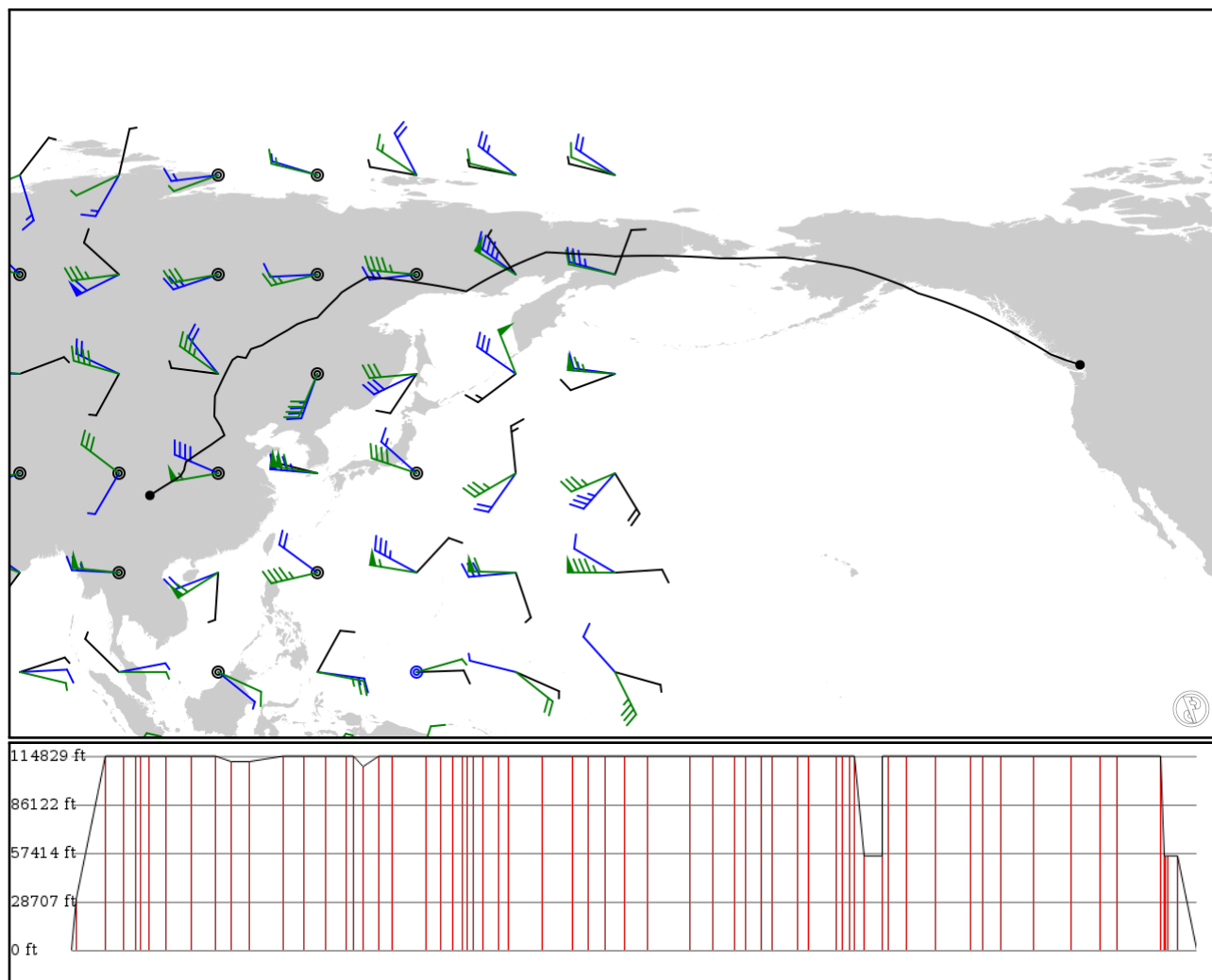


2024/05/13 1244Z

ZUUU JTG **G212** TYN KR **B458** TMR **G218** SULOK NAREM **B161** PENOL **G495** GETRU 5200N12000E TH01 5500N12500E
OMOSA OLOTO **G494** ROTOK LOMUK **G370** BA **A218** UHMN 6500N16500E ILMUK UHMO **G212** FDV OME **J111** ANC **J804R**
FRIED **TRK19** YZP **J523** YZT **V317** COHOE CYVR

5853.73 nm / 10841.10 km



Notes

Basic altitude profile:

- Ascent Rate: 2500ft/min
- Ascent Speed: 250kts
- Cruise Altitude: 310ft
- Cruise Speed: 420kts
- Descent Rate: 1500ft/min
- Descent Speed: 250kts

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 |
|---------------|--------|------------|-----------|--------------|------------------|
| ZUUU | - | 30.57853 | 0 ft | - | SHUANGLIU |
| APT | - | 103.94709 | 0 m | | |
| JTG | - | 30.87167 | 9,300 ft | 28 | JINTANG VOR-DME |
| VOR | - | 104.39333 | 2,835 m | | |
| SUBUL | G212 | 32.32833 | 35,000 ft | 147 | - |
| FIX | AWY-LO | 106.71000 | 10,668 m | | |
| NSH | G212 | 33.31833 | 35,000 ft | 100 | NINGSHAN VOR-DME |
| VOR | AWY-HI | 108.31167 | 10,668 m | | |
| ZS | G212 | 34.22167 | 35,000 ft | 60 | YANZHUANG NDB |
| NDB | AWY-HI | 108.85333 | 10,668 m | | |
| OD | G212 | 34.59833 | 35,000 ft | 22 | SANYUAN NDB |
| NDB | AWY-HI | 108.91667 | 10,668 m | | |
| YIJ | G212 | 35.38000 | 35,000 ft | 47 | YIJUN VOR-DME |
| VOR | AWY-HI | 109.10667 | 10,668 m | | |
| GUPAD | G212 | 36.31167 | 35,000 ft | 86 | - |
| FIX | AWY-HI | 110.47333 | 10,668 m | | |
| TYN | G212 | 37.75167 | 35,000 ft | 134 | TAIYUAN VOR-DME |
| VOR | AWY-HI | 112.62000 | 10,668 m | | |
| KR | - | 39.14500 | 35,000 ft | 125 | NANCHENGZI NDB |
| NDB | - | 114.60000 | 10,668 m | | |
| TZH | B458 | 40.41167 | 34,000 ft | 80 | - |
| VOR | AWY-HI | 114.05000 | 10,363 m | | |
| TMR | B458 | 41.84500 | 34,000 ft | 95 | TUMURTAI VOR-DME |
| VOR | AWY-HI | 113.15000 | 10,363 m | | |
| POLHO | G218 | 44.78333 | 35,000 ft | 176 | - |
| FIX | AWY-HI | 113.25000 | 10,668 m | | |
| MENOR | G218 | 46.49727 | 35,000 ft | 108 | - |
| FIX | AWY-HI | 114.03159 | 10,668 m | | |
| DORUT | G218 | 48.19919 | 35,000 ft | 107 | - |
| FIX | AWY-HI | 114.86087 | 10,668 m | | |
| SULOK | G218 | 49.90000 | 35,000 ft | 107 | - |
| FIX | AWY-HI | 115.75000 | 10,668 m | | |
| NAREM | - | 50.38389 | 35,000 ft | 39 | - |
| FIX | - | 116.45056 | 10,668 m | | |
| PENOL | B161 | 50.16694 | 33,100 ft | 48 | - |
| FIX | AWY-HI | 117.66722 | 10,089 m | | |
| GETRU | G495 | 51.44056 | 35,000 ft | 81 | - |
| FIX | AWY-HI | 118.37556 | 10,668 m | | |
| 5200N12000E | - | 52.00000 | 35,000 ft | 69 | - |
| LATLON | - | 120.00000 | 10,668 m | | |
| TH01 | - | 54.11667 | 35,000 ft | 181 | - |
| APT | - | 123.58333 | 10,668 m | | |
| 5500N12500E | - | 55.00000 | 35,000 ft | 72 | - |
| LATLON | - | 125.00000 | 10,668 m | | |
| OMOSA | - | 55.60056 | 35,000 ft | 66 | - |
| FIX | - | 126.63778 | 10,668 m | | |
| OLOTO | - | 55.92556 | 35,000 ft | 45 | - |
| FIX | - | 127.86778 | 10,668 m | | |
| RONET | G494 | 56.31389 | 35,000 ft | 26 | - |
| FIX | AWY-HI | 128.23278 | 10,668 m | | |
| IDORA | G494 | 56.80222 | 35,000 ft | 32 | - |
| FIX | AWY-HI | 128.68778 | 10,668 m | | |
| IBDIN | G494 | 57.52167 | 35,000 ft | 48 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|---------------------|
| FIX | AWY-HI | 129.38667 | 10,668 m | | |
| ODANA | G494 | 58.75056 | 35,000 ft | 83 | - |
| FIX | AWY-HI | 130.65111 | 10,668 m | | |
| ROKOK | G494 | 59.51667 | 35,000 ft | 50 | - |
| FIX | AWY-HI | 131.33333 | 10,668 m | | |
| LOMUK | - | 61.73500 | 35,000 ft | 172 | - |
| FIX | - | 135.04500 | 10,668 m | | |
| BAGUN | G370 | 61.15056 | 35,000 ft | 159 | - |
| FIX | AWY-HI | 140.46500 | 10,668 m | | |
| OMAVI | G370 | 60.77722 | 35,000 ft | 80 | - |
| FIX | AWY-HI | 143.10167 | 10,668 m | | |
| INLIR | G370 | 60.30694 | 35,000 ft | 88 | - |
| FIX | AWY-HI | 145.94028 | 10,668 m | | |
| BA | G370 | 59.67667 | 35,000 ft | 103 | - |
| NDB | AWY-HI | 149.14500 | 10,668 m | | |
| GUBAD | A218 | 61.22194 | 35,000 ft | 120 | - |
| FIX | AWY-HI | 151.74722 | 10,668 m | | |
| OSBAS | A218 | 63.87167 | 35,000 ft | 218 | - |
| FIX | AWY-HI | 157.15167 | 10,668 m | | |
| UHMN | A218 | 65.23833 | 35,000 ft | 119 | - |
| APT | AWY-HI | 160.54167 | 10,668 m | | |
| 6500N16500E | - | 65.00000 | 35,000 ft | 113 | - |
| LATLON | - | 165.00000 | 10,668 m | | |
| ILMUK | - | 64.93500 | 35,000 ft | 57 | - |
| FIX | - | 167.24778 | 10,668 m | | |
| UHMO | - | 64.66667 | 35,000 ft | 82 | - |
| APT | - | 170.41667 | 10,668 m | | |
| BETAM | G212 | 64.72500 | 35,000 ft | 56 | - |
| FIX | AWY-HI | 172.61806 | 10,668 m | | |
| UHMA | G212 | 64.73495 | 35,000 ft | 131 | UGOLNY |
| APT | AWY-HI | 177.74148 | 10,668 m | | |
| VEDLA | G212 | 64.68167 | 35,000 ft | 55 | - |
| FIX | AWY-HI | 179.89000 | 10,668 m | | |
| GIRLO | G212 | 64.37667 | 35,000 ft | 147 | - |
| FIX | AWY-HI | -174.44000 | 10,668 m | | |
| BC | G212 | 64.37639 | 35,000 ft | 31 | PROVIDENIYA BAY NDB |
| NDB | AWY-HI | -173.24000 | 10,668 m | | |
| ABINA | G212 | 64.36833 | 35,000 ft | 38 | - |
| FIX | AWY-HI | -171.76667 | 10,668 m | | |
| VALDA | G212 | 64.39333 | 35,000 ft | 22 | - |
| FIX | AWY-HI | -170.91167 | 10,668 m | | |
| YUREE | G212 | 64.45503 | 17,000 ft | 52 | - |
| FIX | AWY-LO | -168.87867 | 5,182 m | | |
| FDV | G212 | 64.49475 | 17,000 ft | 92 | FORT DAVIS NDB |
| NDB | AWY-LO | -165.31511 | 5,182 m | | |
| OME | - | 64.48511 | 35,000 ft | 1 | NOME VOR-DME |
| VOR | - | -165.25317 | 10,668 m | | |
| WONAB | J111 | 64.34657 | 35,000 ft | 31 | - |
| FIX | AWY-HI | -164.06226 | 10,668 m | | |
| UNK | J111 | 63.89194 | 35,000 ft | 92 | UNALAKLEET VOR-DME |
| VOR | AWY-HI | -160.68428 | 10,668 m | | |
| MCG | J111 | 62.95103 | 35,000 ft | 147 | MC GRATH VORTAC |
| VOR | AWY-HI | -155.61139 | 10,668 m | | |
| ANC | J111 | 61.15081 | 35,000 ft | 186 | - |
| VOR | AWY-HI | -150.20656 | 10,668 m | | |
| NOWEL | J804R | 60.48392 | 35,000 ft | 64 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|--------------------------|
| FIX | AWY-HI | -148.47520 | 10,668 m | | |
| MDO | J804R | 59.42181 | 35,000 ft | 90 | MIDDLETON ISLAND VOR-DME |
| DME | AWY-HI | -146.35001 | 10,668 m | | |
| SNOUT | J804R | 57.89066 | 35,000 ft | 170 | - |
| FIX | AWY-HI | -141.75529 | 10,668 m | | |
| EEDEN | J804R | 55.89960 | 35,000 ft | 196 | - |
| FIX | AWY-HI | -137.00176 | 10,668 m | | |
| FRIED | J804R | 54.22188 | 35,000 ft | 153 | - |
| FIX | AWY-HI | -133.63245 | 10,668 m | | |
| YZP | TRK19 | 53.25217 | 35,000 ft | 87 | SANDSPIT VOR-DME |
| VOR | AWY-HI | -131.80708 | 10,668 m | | |
| YZT | J523 | 50.68425 | 35,000 ft | 225 | PORT HARDY VOR-DME |
| VOR | AWY-HI | -127.36519 | 10,668 m | | |
| CORMO | V317 | 50.54153 | 17,000 ft | 16 | - |
| FIX | AWY-LO | -126.98108 | 5,182 m | | |
| FENEL | V317 | 50.45700 | 17,000 ft | 9 | - |
| FIX | AWY-LO | -126.75619 | 5,182 m | | |
| ATUNA | V317 | 50.37319 | 17,000 ft | 9 | - |
| FIX | AWY-LO | -126.53106 | 5,182 m | | |
| COHOE | V317 | 49.94056 | 17,000 ft | 50 | - |
| FIX | AWY-LO | -125.41389 | 5,182 m | | |
| CYVR | - | 49.19233 | 0 ft | 97 | Vancouver Intl |
| APT | - | -123.18799 | 0 m | | |

ZUUU

Region: CHINA
Timezone: ASIA/CHONGQING
Runways: 2

Elevation: 1,680 ft / 512 m
Location: 30.556500 103.945000
Magnetic Var: 2.090 W

METAR

ZUUU 131200Z 20003MPS CAVOK 26/11 Q1012 NOSIG

TAF

TAF ZUUU 130900Z 1312/1412 20003MPS 6000 SCT050 TX31/1407Z TN17/1322Z

Frequencies

| | |
|-------------------------------------|-------------------------------------|
| REC - 126.45 MHz - ATIS | REC - 128.60 MHz - ATIS |
| CLD - 121.60 MHz - CHENGDU DELIVERY | GND - 121.85 MHz - CHENGDU GROUND |
| GND - 121.75 MHz - CHENGDU GROUND | GND - 121.70 MHz - CHENGDU GROUND |
| GND - 121.90 MHz - SHUANGLIU APRON | GND - 121.80 MHz - SHUANGLIU APRON |
| GND - 121.65 MHz - SHUANGLIU APRON | TWR - 123.00 MHz - CHENGDU TOWER |
| TWR - 130.35 MHz - CHENGDU TOWER | TWR - 118.85 MHz - CHENGDU TOWER |
| APP - 124.85 MHz - CHENGDU APPROACH | APP - 119.70 MHz - CHENGDU APPROACH |
| APP - 119.25 MHz - CHENGDU APPROACH | APP - 124.75 MHz - CHENGDU APPROACH |
| APP - 119.42 MHz - CHENGDU APPROACH | APP - 127.70 MHz - CHENGDU APPROACH |
| APP - 125.25 MHz - CHENGDU APPROACH | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 02R | 197 ft | 11,848 ft | 21.83 | CONCRETE | 0 ft | 394 ft |
| | 60 m | 3,611 m | 23.92 | | 0 m | 120 m |
| 20L | 197 ft | 11,848 ft | 201.83 | CONCRETE | 0 ft | 394 ft |
| | 60 m | 3,611 m | 203.92 | | 0 m | 120 m |
| 02L | 148 ft | 11,839 ft | 21.84 | ASPHALT | 0 ft | 197 ft |
| | 45 m | 3,609 m | 23.93 | | 0 m | 60 m |
| 20R | 148 ft | 11,839 ft | 201.84 | ASPHALT | 0 ft | 200 ft |
| | 45 m | 3,609 m | 203.93 | | 0 m | 61 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 02L | LOC-ILS | IZW | 111.10 MHz | 18 nm | 21.85 | - | 1,681 ft |
| | | | | 33 km | 23.94 | | 1,681 m |
| 02R | LOC-ILS | ICR | 108.70 MHz | 18 nm | 21.86 | - | 1,681 ft |
| | | | | 33 km | 23.95 | | 1,681 m |
| 20L | LOC-ILS | IDE | 109.70 MHz | 18 nm | 201.86 | - | 1,681 ft |
| | | | | 33 km | 203.95 | | 1,681 m |
| 20R | LOC-ILS | IAA | 109.10 MHz | 18 nm | 201.85 | - | 1,681 ft |
| | | | | 33 km | 203.94 | | 1,681 m |
| 02L | GS | IZW | 111.10 MHz | 10 nm | 21.85 | 3.00 | 1,681 ft |
| | | | | 19 km | 23.94 | | 1,681 m |
| 02R | GS | ICR | 108.70 MHz | 10 nm | 21.86 | 3.00 | 1,681 ft |
| | | | | 19 km | 23.95 | | 1,681 m |
| 20L | GS | IDE | 109.70 MHz | 10 nm | 201.86 | 3.00 | 1,681 ft |
| | | | | 19 km | 203.95 | | 1,681 m |
| 20R | GS | IAA | 109.10 MHz | 10 nm | 201.85 | 3.00 | 1,681 ft |
| | | | | 19 km | 203.94 | | 1,681 m |

CYVR

Region: CANADA

Timezone: AMERICA/VANCOUVER

Runways: 3

Elevation: 13 ft / 4 m

Location: 49.194000 -123.185000

Magnetic Var: 15.267 E

METAR

CYVR 131200Z 31009KT 20SM SCT060 BKN076 12/11 A2999 RMK SC4AC2 SLP157

TAF

TAF CYVR 131140Z 1312/1418 29010KT P6SM SCT015 SCT070 TEMPO 1312/1318 BKN012 BKN060 BECMG 1318/1320 25008KT FM132

Frequencies

REC - 124.60 MHz - ATIS

GND - 121.70 MHz - VANCOUVER GROUND

TWR - 118.70 MHz - VANCOUVER TOWER

APP - 128.60 MHz - VANCOUVER APPROACH

DEP - 126.12 MHz - VANCOUVER DEPARTURE

CLD - 121.40 MHz - CLEARANCE DELIVERY

GND - 127.50 MHz - VANCOUVER GROUND

TWR - 119.55 MHz - VANCOUVER TOWER

APP - 133.10 MHz - VANCOUVER APPROACH

DEP - 132.30 MHz - VANCOUVER DEPARTURE

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 08R | 200 ft | 10,777 ft | 99.88 | ASPHALT | 0 ft | 0 ft |
| | 61 m | 3,285 m | 84.61 | | 0 m | 0 m |
| 26L | 200 ft | 10,777 ft | 279.91 | ASPHALT | 0 ft | 0 ft |
| | 61 m | 3,285 m | 264.64 | | 0 m | 0 m |
| 13 | 200 ft | 7,294 ft | 141.92 | ASPHALT | 0 ft | 0 ft |
| | 61 m | 2,223 m | 126.65 | | 0 m | 0 m |
| 31 | 200 ft | 7,294 ft | 321.93 | ASPHALT | 0 ft | 0 ft |
| | 61 m | 2,223 m | 306.67 | | 0 m | 0 m |
| 08L | 200 ft | 9,916 ft | 99.89 | CONCRETE | 0 ft | 0 ft |
| | 61 m | 3,022 m | 84.62 | | 0 m | 0 m |
| 26R | 200 ft | 9,916 ft | 279.92 | CONCRETE | 0 ft | 0 ft |
| | 61 m | 3,022 m | 264.65 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 08L | DME | ITL | 110.55 MHz | 18 nm | - | - | 1 ft |
| | | | | 33 km | - | | 1 m |
| 08R | DME | IVR | 109.50 MHz | 18 nm | - | - | 4 ft |
| | | | | 33 km | - | | 4 m |
| 26L | DME | IFZ | 111.95 MHz | 20 nm | - | - | 10 ft |
| | | | | 37 km | - | | 10 m |
| 26R | DME | IRD | 110.70 MHz | 20 nm | - | - | 10 ft |
| | | | | 37 km | - | | 10 m |
| 08L | LOC-ILS | ITL | 110.55 MHz | 18 nm | 99.90 | - | 13 ft |
| | | | | 33 km | 84.63 | | 13 m |
| 08R | LOC-ILS | IVR | 109.50 MHz | 18 nm | 99.89 | - | 13 ft |
| | | | | 33 km | 84.62 | | 13 m |
| 13 | LOC-ILS | IMK | 111.10 MHz | 18 nm | 141.93 | - | 13 ft |
| | | | | 33 km | 126.66 | | 13 m |
| 26L | LOC-ILS | IFZ | 110.70 MHz | 18 nm | 279.89 | - | 13 ft |
| | | | | 33 km | 264.62 | | 13 m |
| 26R | LOC-ILS | IRD | 111.95 MHz | 18 nm | 279.90 | - | 13 ft |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| | | | | 33 km | 264.63 | | 13 m |
| 08L | GS | ITL | 110.55 MHz | 10 nm | 99.90 | 3.00 | 13 ft |
| | | | | 19 km | 84.63 | | 13 m |
| 08R | GS | IVR | 109.50 MHz | 10 nm | 99.89 | 3.00 | 13 ft |
| | | | | 19 km | 84.62 | | 13 m |
| 13 | GS | IMK | 111.10 MHz | 10 nm | 141.93 | 3.00 | 13 ft |
| | | | | 19 km | 126.66 | | 13 m |
| 26L | GS | IFZ | 110.70 MHz | 10 nm | 279.89 | 3.00 | 13 ft |
| | | | | 19 km | 264.62 | | 13 m |
| 26R | GS | IRD | 111.95 MHz | 10 nm | 279.90 | 3.00 | 13 ft |
| | | | | 19 km | 264.63 | | 13 m |