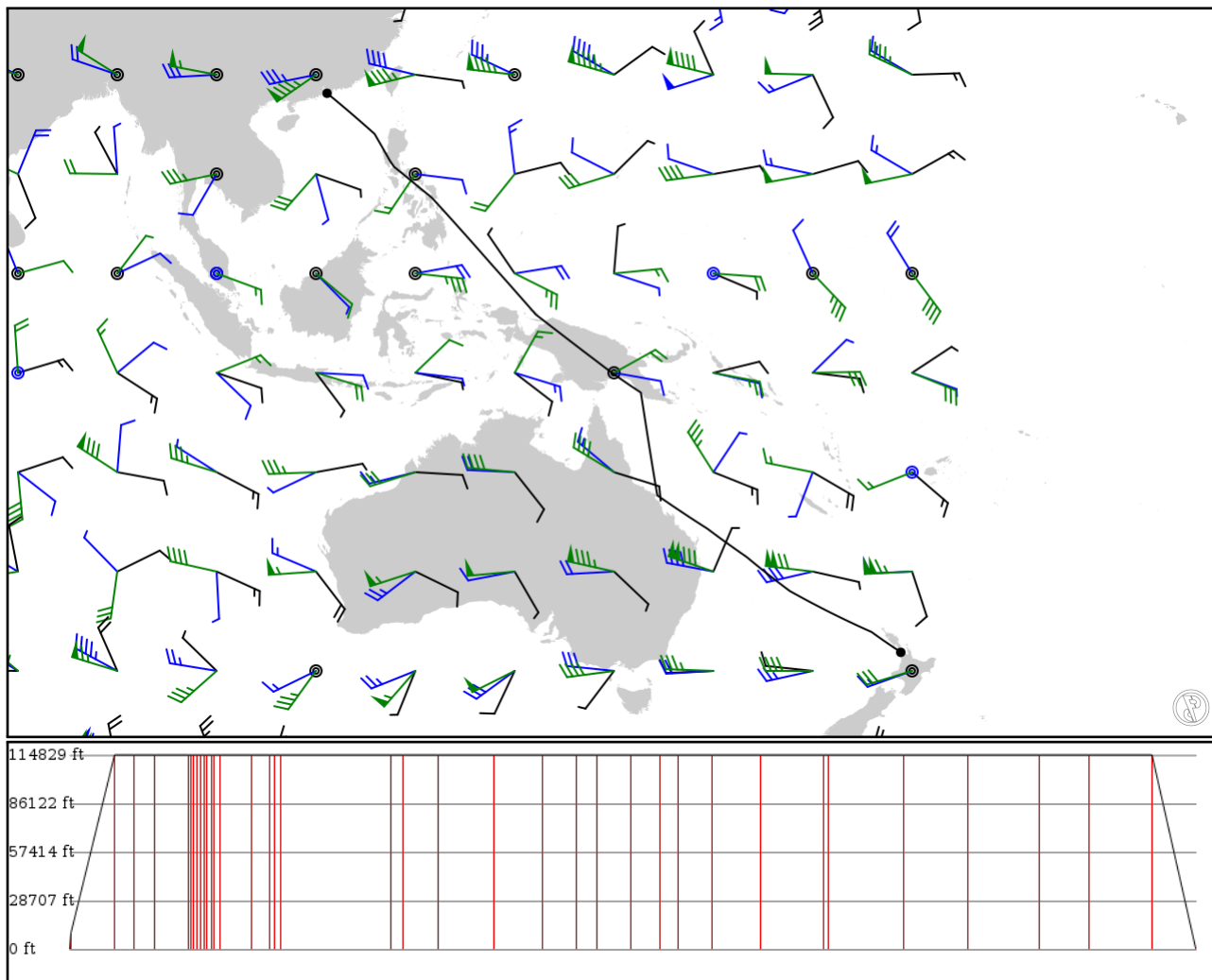


2024/06/08 0035Z

VHHH CH A461 AVMUP W16 MIA B462 EMPRA PY B462 HM ELDEK A346 AA NZAA

5108.02 nm / 9460.05 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: yes
- Use high airways: yes

Route

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|-----------------|
| VHHH | - | 22.30890 | 0 ft | - | Hong Kong Intl |
| APT | - | 113.91500 | 0 m | | |
| CH | - | 22.21950 | 2,900 ft | 8 | CHEUNG CHAU |
| VOR | - | 114.03000 | 884 m | | |
| NOMAN | A461 | 20.00000 | 35,000 ft | 199 | - |
| FIX | AWY-HI | 116.67200 | 10,668 m | | |
| MUMOT | A461 | 19.02860 | 35,000 ft | 86 | - |
| FIX | AWY-HI | 117.79000 | 10,668 m | | |
| AVMUP | A461 | 17.99330 | 35,000 ft | 91 | - |
| FIX | AWY-HI | 118.95900 | 10,668 m | | |
| TAREM | W16 | 15.67430 | 35,000 ft | 158 | - |
| FIX | AWY-HI | 120.28600 | 10,668 m | | |
| BIGBI | W16 | 15.51280 | 35,000 ft | 11 | - |
| FIX | AWY-HI | 120.37700 | 10,668 m | | |
| TADEL | W16 | 15.41410 | 35,000 ft | 6 | - |
| FIX | AWY-HI | 120.43300 | 10,668 m | | |
| CIA | W16 | 15.18690 | 35,000 ft | 15 | CLARK (ANGELES) |
| VOR | AWY-HI | 120.56100 | 10,668 m | | |
| OLIVA | W16 | 14.94940 | 35,000 ft | 17 | - |
| FIX | AWY-HI | 120.72200 | 10,668 m | | |
| VOTAS | W16 | 14.71060 | 35,000 ft | 17 | - |
| FIX | AWY-HI | 120.88500 | 10,668 m | | |
| MIA | W16 | 14.50800 | 35,000 ft | 14 | MANILA |
| VOR | AWY-HI | 121.02200 | 10,668 m | | |
| CAMBA | B462 | 14.32410 | 35,000 ft | 17 | - |
| FIX | AWY-HI | 121.24900 | 10,668 m | | |
| KABAN | B462 | 14.15520 | 35,000 ft | 15 | - |
| FIX | AWY-HI | 121.45800 | 10,668 m | | |
| IPATA | B462 | 13.86590 | 35,000 ft | 27 | - |
| FIX | AWY-HI | 121.81300 | 10,668 m | | |
| MASBA | B462 | 12.36920 | 35,000 ft | 139 | - |
| FIX | AWY-HI | 123.63100 | 10,668 m | | |
| MASAG | B462 | 11.49940 | 35,000 ft | 81 | - |
| FIX | AWY-HI | 124.70000 | 10,668 m | | |
| TAC | B462 | 11.23200 | 35,000 ft | 25 | TACLOBAN |
| VOR | AWY-HI | 125.02600 | 10,668 m | | |
| SADOK | B462 | 10.92200 | 35,000 ft | 25 | - |
| FIX | AWY-HI | 125.31100 | 10,668 m | | |
| POXEL | B462 | 4.65252 | 35,000 ft | 503 | - |
| FIX | AWY-HI | 130.92700 | 10,668 m | | |
| BIDOR | B462 | 4.00000 | 35,000 ft | 52 | - |
| FIX | AWY-HI | 131.50000 | 10,668 m | | |
| MIMIK | B462 | 2.00000 | 35,000 ft | 160 | - |
| FIX | AWY-HI | 133.28300 | 10,668 m | | |
| BIK | B462 | -1.18246 | 35,000 ft | 254 | BIAK |
| VOR | AWY-HI | 136.08600 | 10,668 m | | |
| OSMON | B462 | -3.40872 | 35,000 ft | 218 | - |
| FIX | AWY-HI | 138.97300 | 10,668 m | | |
| KADAB | B462 | -4.96667 | 35,000 ft | 153 | - |
| FIX | AWY-HI | 141.00000 | 10,668 m | | |
| KAPPU | B462 | -5.88500 | 35,000 ft | 90 | - |
| FIX | AWY-HI | 142.21000 | 10,668 m | | |
| KIBAV | B462 | -7.42833 | 35,000 ft | 152 | - |

| Ident Type | Via | Lat Lon | Alt | Dist (nm) | Name |
|---------------|--------|------------|-----------|--------------|---------------|
| FIX | AWY-HI | 144.24800 | 10,668 m | | |
| EMPRA | B462 | -8.70578 | 35,000 ft | 134 | - |
| FIX | AWY-HI | 146.09700 | 10,668 m | | |
| PY | - | -9.45333 | 35,000 ft | 80 | PORT MORESBY |
| VOR | - | 147.21500 | 10,668 m | | |
| APISO | B462 | -12.00000 | 35,000 ft | 154 | - |
| FIX | AWY-HI | 147.60700 | 10,668 m | | |
| NONIR | B462 | -15.67570 | 35,000 ft | 223 | - |
| FIX | AWY-HI | 148.18600 | 10,668 m | | |
| HM | B462 | -20.35120 | 35,000 ft | 284 | HAMILTON I |
| VOR | AWY-HI | 148.95600 | 10,668 m | | |
| ELDEK | - | -20.54970 | 35,000 ft | 20 | - |
| FIX | - | 149.24200 | 10,668 m | | |
| LEEAM | A346 | -23.87620 | 35,000 ft | 342 | - |
| FIX | AWY-HI | 154.25100 | 10,668 m | | |
| PADDY | A346 | -26.87900 | 35,000 ft | 289 | - |
| FIX | AWY-HI | 158.42100 | 10,668 m | | |
| TEKEP | A346 | -30.49000 | 35,000 ft | 324 | - |
| FIX | AWY-HI | 163.00000 | 10,668 m | | |
| IGLET | A346 | -32.47320 | 35,000 ft | 223 | - |
| FIX | AWY-HI | 166.70300 | 10,668 m | | |
| SALAG | A346 | -34.84510 | 35,000 ft | 286 | - |
| FIX | AWY-HI | 171.68300 | 10,668 m | | |
| AA | A346 | -37.00460 | 200 ft | 199 | AUCKLAND |
| VOR | AWY-HI | 174.81400 | 61 m | | |
| NZAA | - | -37.00810 | 0 ft | 1 | Auckland Intl |
| APT | - | 174.79200 | 0 m | | |

VHHH

Region: HONG KONG
Timezone: UNKNOWN
Runways: 2

Elevation: 27 ft / 8 m
Location: 22.308900 113.915000
Magnetic Var: 3.243 W

METAR

VHHH 080000Z 10013KT 9999 FEW008 SCT020 27/24 Q1006 NOSIG

TAF

TAF VHHH 072300Z 0800/0906 10010KT 9999 FEW010 SCT020 TX29/0806Z TX30/0906Z TN26/0822Z TEMPO 0800/0802 3500 SHRA

Frequencies

| | |
|---|---|
| REC - 128.20 MHz - D-ATIS | REC - 127.05 MHz - D-ATIS |
| GND - 121.60 MHz - HONG KONG GROUND | GND - 122.55 MHz - HONG KONG GROUND |
| GND - 121.87 MHz - HONG KONG GROUND | TWR - 118.20 MHz - HONG KONG TOWER |
| TWR - 118.40 MHz - HONG KONG TOWER | TWR - 118.70 MHz - HONG KONG TOWER |
| CLD - 124.65 MHz - HONG KONG CLEARANCE DELIVERY | CLD - 129.90 MHz - HONG KONG CLEARANCE DELIVERY |
| DEP - 122.00 MHz - HONG KONG DEPARTURE | DEP - 123.80 MHz - HONG KONG DEPARTURE |
| DEP - 124.05 MHz - HONG KONG DEPARTURE | APP - 119.10 MHz - HONG KONG APPROACH |
| APP - 119.35 MHz - HONG KONG APPROACH | APP - 119.55 MHz - HONG KONG DIRECT |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 07L | 197 ft | 12,462 ft | 70.77 | ASPHALT | 554 ft | 974 ft |
| | 60 m | 3,799 m | 74.02 | | 169 m | 297 m |
| 25R | 197 ft | 12,462 ft | 250.79 | ASPHALT | 571 ft | 978 ft |
| | 60 m | 3,799 m | 254.03 | | 174 m | 298 m |
| 07R | 197 ft | 12,463 ft | 70.79 | ASPHALT | 518 ft | 886 ft |
| | 60 m | 3,799 m | 74.03 | | 158 m | 270 m |
| 25L | 197 ft | 12,463 ft | 250.80 | ASPHALT | 0 ft | 981 ft |
| | 60 m | 3,799 m | 254.04 | | 0 m | 299 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 07L | DME | IZSL | 111.10 MHz | 18 nm | - | - | 18 ft |
| | | | | 33 km | - | | 18 m |
| 07R | DME | ISR | 109.30 MHz | 18 nm | - | - | 19 ft |
| | | | | 33 km | - | | 19 m |
| 25L | DME | IFL | 108.90 MHz | 18 nm | - | - | 19 ft |
| | | | | 33 km | - | | 19 m |
| 25R | DME | ITFR | 110.90 MHz | 18 nm | - | - | 19 ft |
| | | | | 33 km | - | | 19 m |
| 07L | LOC-ILS | IZSL | 111.10 MHz | 18 nm | 70.78 | - | 27 ft |
| | | | | 33 km | 74.02 | | 27 m |
| 07R | LOC-ILS | ISR | 109.30 MHz | 18 nm | 70.79 | - | 27 ft |
| | | | | 33 km | 74.03 | | 27 m |
| 25L | LOC-ILS | IFL | 108.90 MHz | 18 nm | 250.79 | - | 27 ft |
| | | | | 33 km | 254.03 | | 27 m |
| 25R | LOC-ILS | ITFR | 110.90 MHz | 18 nm | 250.78 | - | 27 ft |
| | | | | 33 km | 254.02 | | 27 m |
| 07L | GS | IZSL | 111.10 MHz | 10 nm | 70.78 | 3.00 | 27 ft |
| | | | | 19 km | 74.02 | | 27 m |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|------|-------|------------|-------|-------------------------|-------|-----------|
| 07R | GS | ISR | 109.30 MHz | 10 nm | 70.79 | 3.00 | 27 ft |
| | | | | 19 km | 74.03 | | 27 m |
| 25L | GS | IFL | 108.90 MHz | 10 nm | 250.79 | 3.00 | 27 ft |
| | | | | 19 km | 254.03 | | 27 m |
| 25R | GS | ITFR | 110.90 MHz | 10 nm | 250.78 | 3.00 | 27 ft |
| | | | | 19 km | 254.02 | | 27 m |

NZAA

Region: NEW ZEALAND AND ANTARCTICA
Timezone: PACIFIC/AUCKLAND
Runways: 1

Elevation: 23 ft / 7 m
Location: -37.008100 174.792000
Magnetic Var: 20.183 E

METAR

NZAA 080000Z AUTO 34003KT 9999 SCT023/// OVC075/// 18/14 Q1024

TAF

TAF TAF NZAA 072321Z 0800/0906 08008KT 9999 SCT017 BKN020 TEMPO 0807/0812 BKN010 FM082300 03015G25KT 9999 -RA BKN020

Frequencies

| | |
|--------------------------------------|---------------------------------------|
| REC - 127.80 MHz - ATIS | REC - 127.00 MHz - ATIS |
| GND - 121.90 MHz - AUCKLAND GROUND | TWR - 118.70 MHz - AUCKLAND TOWER |
| TWR - 120.95 MHz - AUCKLAND TOWER | CLD - 128.20 MHz - CLEARANCE DELIVERY |
| APP - 120.10 MHz - AUCKLAND APPROACH | APP - 124.30 MHz - AUCKLAND APPROACH |
| APP - 129.50 MHz - AUCKLAND APPROACH | APP - 129.60 MHz - AUCKLAND APPROACH |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|----------|---------------------|-------------------|
| 05R | 151 ft | 12,040 ft | 70.92 | CONCRETE | 1,250 ft | 0 ft |
| | 46 m | 3,670 m | 50.74 | | 381 m | 0 m |
| 23L | 151 ft | 12,040 ft | 250.90 | CONCRETE | 0 ft | 131 ft |
| | 46 m | 3,670 m | 230.72 | | 0 m | 40 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 05R | DME | IAA | 110.30 MHz | 18 nm | - | - | 23 ft |
| | | | | 33 km | - | | 23 m |
| 23L | DME | IMG | 109.90 MHz | 18 nm | - | - | 23 ft |
| | | | | 33 km | - | | 23 m |
| 05R | LOC-ILS | IAA | 110.30 MHz | 18 nm | 70.91 | - | 23 ft |
| | | | | 33 km | 50.73 | | 23 m |
| 23L | LOC-ILS | IMG | 109.90 MHz | 18 nm | 250.91 | - | 23 ft |
| | | | | 33 km | 230.73 | | 23 m |
| 05R | GS | IAA | 110.30 MHz | 10 nm | 70.91 | 3.00 | 23 ft |
| | | | | 19 km | 50.73 | | 23 m |
| 23L | GS | IMG | 109.90 MHz | 10 nm | 250.91 | 3.00 | 23 ft |
| | | | | 19 km | 230.73 | | 23 m |