

VHHH

Hong Kong Intl

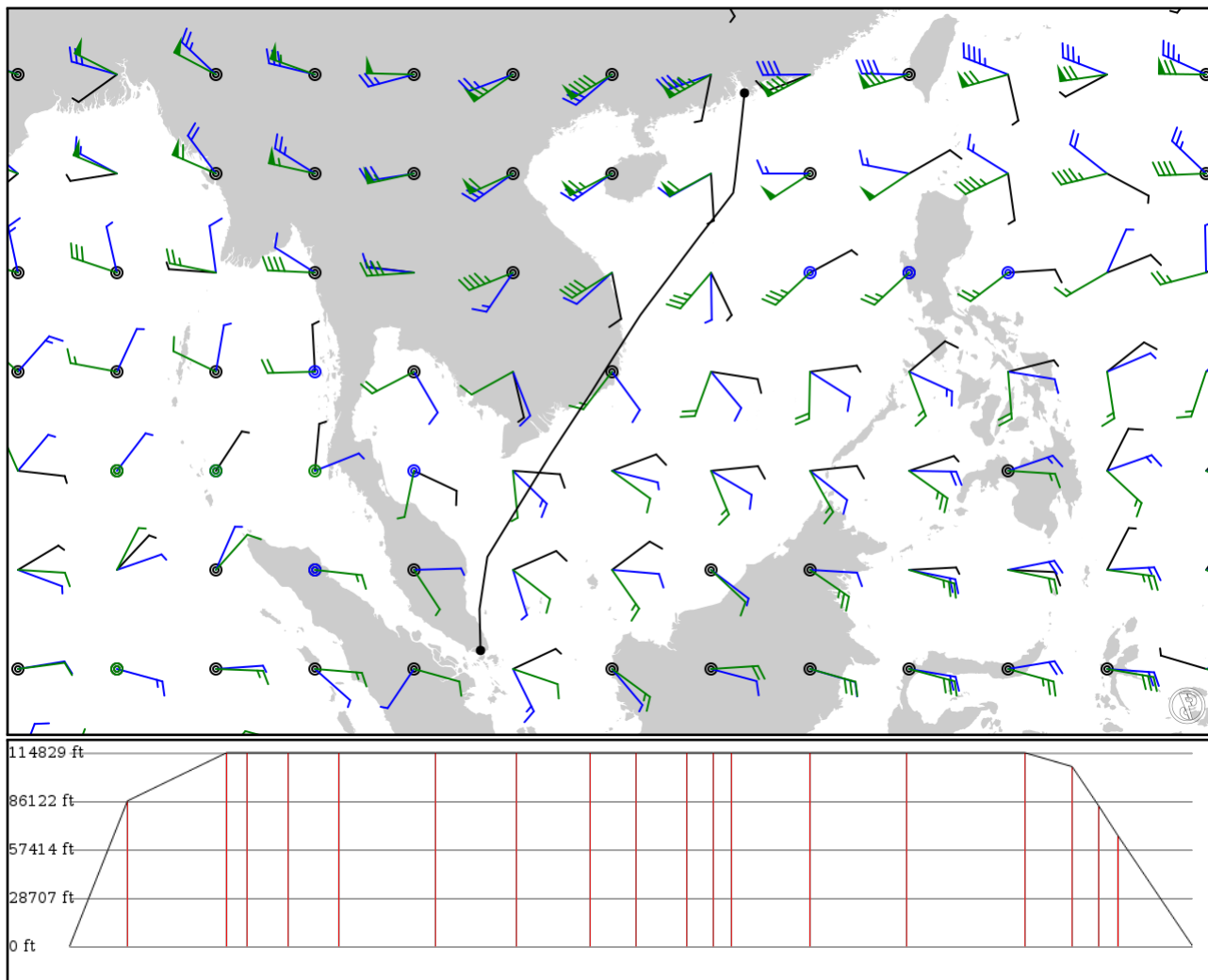
WSSS

Singapore Changi Intl

2024/05/14 2107Z

VHHH ALLEY V32 EPDOS L642 ROBMO WSSS

1424.21 nm / 2637.63 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 | | |
| ALLEY | - | 21.08640 | 26,300 ft | 73 | - |
| FIX | - | 113.78600 | 8,016 m | | |
| EPDOS | V32 | 19.00000 | 35,000 ft | 125 | - |
| FIX | AWY-HI | 113.55500 | 10,668 m | | |
| ENBOK | L642 | 18.55670 | 35,000 ft | 26 | - |
| FIX | AWY-HI | 113.49200 | 10,668 m | | |
| EPKAL | L642 | 17.85830 | 35,000 ft | 51 | - |
| FIX | AWY-HI | 112.95500 | 10,668 m | | |
| EGEMU | L642 | 17.00000 | 35,000 ft | 64 | - |
| FIX | AWY-HI | 112.28300 | 10,668 m | | |
| EXOTO | L642 | 15.35830 | 35,000 ft | 121 | - |
| FIX | AWY-HI | 111.05000 | 10,668 m | | |
| VEPAM | L642 | 13.96670 | 35,000 ft | 103 | - |
| FIX | AWY-HI | 110.00000 | 10,668 m | | |
| KARAN | L642 | 12.64890 | 35,000 ft | 93 | - |
| FIX | AWY-HI | 109.15700 | 10,668 m | | |
| SOSPA | L642 | 11.83390 | 35,000 ft | 57 | - |
| FIX | AWY-HI | 108.64100 | 10,668 m | | |
| PTH | L642 | 10.92800 | 35,000 ft | 63 | PHANTHIEP |
| VOR | AWY-HI | 108.07200 | 10,668 m | | |
| RUTIT | L642 | 10.45420 | 35,000 ft | 33 | - |
| FIX | AWY-HI | 107.75700 | 10,668 m | | |
| ELSAS | L642 | 10.13670 | 35,000 ft | 22 | - |
| FIX | AWY-HI | 107.54800 | 10,668 m | | |
| CN | L642 | 8.73278 | 35,000 ft | 100 | CON SON |
| NDB | AWY-HI | 106.62600 | 10,668 m | | |
| ESPOB | L642 | 7.00000 | 35,000 ft | 122 | - |
| FIX | AWY-HI | 105.55500 | 10,668 m | | |
| ENREP | L642 | 4.87306 | 35,000 ft | 149 | - |
| FIX | AWY-HI | 104.24500 | 10,668 m | | |
| VEPLI | L642 | 3.87306 | 32,500 ft | 60 | - |
| FIX | AWY-HI | 104.09500 | 9,906 m | | |
| EGOLO | L642 | 3.32670 | 25,400 ft | 33 | - |
| FIX | AWY-HI | 104.01300 | 7,742 m | | |
| ROBMO | L642 | 2.91110 | 20,000 ft | 25 | - |
| FIX | AWY-HI | 103.95000 | 6,096 m | | |
| WSSS | - | 1.35551 | 0 ft | 93 | Singapore Changi Intl |
| APT | - | 103.98800 | 0 m | | |

VHHH

Region: HONG KONG
Timezone: UNKNOWN
Runways: 2

Elevation: 27 ft / 8 m
Location: 22.308900 113.915000
Magnetic Var: 3.238 W

METAR

VHHH 142030Z 09005KT CAVOK 24/19 Q1013 NOSIG

TAF

TAF VHHH 142000Z 1421/1603 09010KT 9999 FEW035 TX30/1506Z TN24/1422Z TN24/1522Z BECMG 1503/1505 27010KT BECMG 150

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 | 74.01 | | 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 |

WSSS

Region: SINGAPORE

Timezone: ASIA/SINGAPORE

Runways: 2

Elevation: 20 ft / 6 m

Location: 1.355510 103.988000

Magnetic Var: 0.198 E

METAR

WSSS 142030Z 19003KT 9999 FEW016 FEW018TCU BKN300 28/26 Q1008 NOSIG

TAF

TAF WSSS 141700Z 1418/1600 18008KT 9999 FEW015 SCT020 TEMPO 1507/1510 3000 TSRA FEW012CB BKN015

Frequencies

| | |
|---------------------------------------|---|
| DEP - 123.70 MHz - SINGAPORE RADAR | DEP - 127.30 MHz - SINGAPORE RADAR |
| DEP - 133.80 MHz - SINGAPORE RADAR | DEP - 133.25 MHz - SINGAPORE RADAR |
| DEP - 135.80 MHz - SINGAPORE RADAR | DEP - 134.20 MHz - SINGAPORE RADAR |
| DEP - 133.35 MHz - SINGAPORE RADAR | DEP - 134.40 MHz - SINGAPORE RADAR |
| DEP - 128.10 MHz - SINGAPORE RADAR | DEP - 255.40 MHz - SINGAPORE RADAR |
| DEP - 124.05 MHz - SINGAPORE RADAR | APP - 120.30 MHz - SINGAPORE APPROACH |
| APP - 124.60 MHz - SINGAPORE APPROACH | APP - 119.30 MHz - SINGAPORE ARRIVAL |
| TWR - 118.60 MHz - SINGAPORE TOWER | TWR - 118.25 MHz - SINGAPORE TOWER |
| GND - 124.30 MHz - SINGAPORE GROUND | GND - 121.72 MHz - SINGAPORE GROUND |
| GND - 121.85 MHz - SINGAPORE GROUND | GND - 121.00 MHz - SINGAPORE GROUND EMERGENCY |
| GND - 122.55 MHz - SINGAPORE GROUND | CLD - 121.65 MHz - SINGAPORE DELIVERY |
| CLD - 119.60 MHz - SINGAPORE DELIVERY | REC - 128.60 MHz - |
| REC - 128.02 MHz - | CHANGI AIRPORT INFORMATION (D-ATIS) |
| CHANGI AIRPORT ARRIVAL INFORMATION | |

Runways

| Ident | Width | Length | Bearing (true) (mag) | Surface | Threshold Offset | Overrun Length |
|-------|--------|-----------|-------------------------|---------|---------------------|-------------------|
| 02L | 197 ft | 13,187 ft | 22.88 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 4,020 m | 22.68 | | 0 m | 0 m |
| 20R | 197 ft | 13,187 ft | 202.88 | ASPHALT | 2,428 ft | 390 ft |
| | 60 m | 4,020 m | 202.68 | | 740 m | 119 m |
| 02C | 197 ft | 13,187 ft | 22.88 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 4,020 m | 22.68 | | 0 m | 0 m |
| 20C | 197 ft | 13,187 ft | 202.88 | ASPHALT | 0 ft | 0 ft |
| | 60 m | 4,020 m | 202.68 | | 0 m | 0 m |

Approach Nav aids

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| 02C | DME | ICE | 108.30 MHz | 18 nm | - | - | 15 ft |
| | | | | 33 km | - | | 15 m |
| 02L | DME | ICW | 110.90 MHz | 18 nm | - | - | 20 ft |
| | | | | 33 km | - | | 20 m |
| 20C | DME | ICC | 109.70 MHz | 18 nm | - | - | 15 ft |
| | | | | 33 km | - | | 15 m |
| 20R | DME | ICH | 108.90 MHz | 18 nm | - | - | 22 ft |
| | | | | 33 km | - | | 22 m |
| 02C | LOC-ILS | ICE | 108.30 MHz | 18 nm | 22.88 | - | 20 ft |
| | | | | 33 km | 22.68 | | 20 m |
| 02L | LOC-ILS | ICW | 110.90 MHz | 18 nm | 22.88 | - | 20 ft |

| Runway | Type | Ident | Frequency | Range | Bearing (true) (mag) | Slope | Elevation |
|--------|---------|-------|------------|-------|-------------------------|-------|-----------|
| | | | | 33 km | 22.68 | | 20 m |
| 20C | LOC-ILS | ICC | 109.70 MHz | 18 nm | 202.88 | - | 20 ft |
| | | | | 33 km | 202.68 | | 20 m |
| 20R | LOC-ILS | ICH | 108.90 MHz | 18 nm | 202.88 | - | 20 ft |
| | | | | 33 km | 202.68 | | 20 m |
| 02C | GS | ICE | 108.30 MHz | 10 nm | 22.88 | 3.00 | 20 ft |
| | | | | 19 km | 22.68 | | 20 m |
| 02L | GS | ICW | 110.90 MHz | 10 nm | 22.88 | 3.00 | 20 ft |
| | | | | 19 km | 22.68 | | 20 m |
| 20C | GS | ICC | 109.70 MHz | 10 nm | 202.88 | 3.00 | 20 ft |
| | | | | 19 km | 202.68 | | 20 m |
| 20R | GS | ICH | 108.90 MHz | 10 nm | 202.88 | 3.00 | 20 ft |
| | | | | 19 km | 202.68 | | 20 m |