

VHHH

Hong Kong Intl

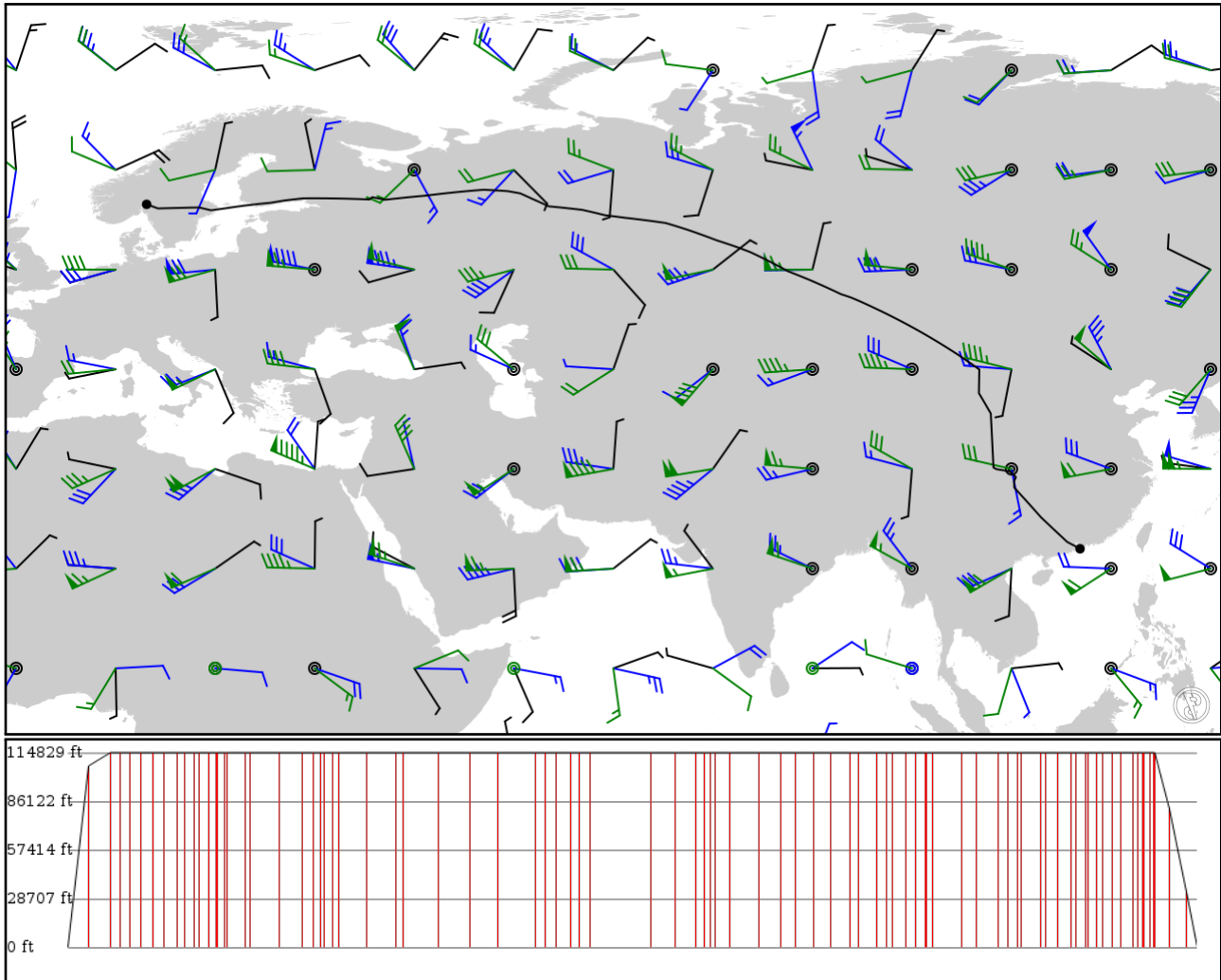
ENGM

Oslo Gardermoen

2024/05/23 0817Z

VHHH GYA **B330** SJG **G586** LAGEX **V50** UNRIX QJG **W30** CKG CKG **W30** DS **B213** GAO **W504** VENON DOREX **B330** YBL
YBL **B330** GOBIN MORIT **Y478** NOPUS **R366** AKTAS **A357** ABESA **A489** ML **R814** NH **A575** GIKES **A303** SONIB **R813**
AKADA **A834** VESUR **R902** DIBLU **A720** GARSI RODEN **G908** RATLA **Y359** VEPIN **P606** EVIRO **N872** TEB **P607** ELTOK
ARGIB **Z166** NIBNO ENGM

4870.25 nm / 9019.70 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		
GYA	-	23.07000	32,600 ft	91	GAOYAO
VOR	-	112.48700	9,936 m		
MUBEL	B330	24.21000	35,000 ft	95	-
FIX	AWY-HI	111.27000	10,668 m		
QP	B330	24.67000	35,000 ft	38	ERTANG
NDB	AWY-HI	110.77700	10,668 m		
MAMSI	B330	25.20500	35,000 ft	44	-
FIX	AWY-HI	110.21200	10,668 m		
SJG	B330	25.77670	35,000 ft	47	SANJIANG
VOR	AWY-HI	109.61000	10,668 m		
LAGEX	G586	26.43000	35,000 ft	50	-
FIX	AWY-HI	109.02700	10,668 m		
XONID	V50	27.05670	35,000 ft	48	-
FIX	AWY-HI	108.46700	10,668 m		
TAXOR	V50	27.82830	35,000 ft	59	-
FIX	AWY-HI	107.77300	10,668 m		
OTLEK	V50	28.18830	35,000 ft	27	-
FIX	AWY-HI	107.44000	10,668 m		
UNRIX	V50	28.76670	35,000 ft	44	-
FIX	AWY-HI	106.91700	10,668 m		
QJG	-	29.05170	35,000 ft	21	QIJIANG
VOR	-	106.66500	10,668 m		
CKG	W30	29.72170	35,000 ft	40	CHONGQING VOR-DME
DME	AWY-HI	106.64300	10,668 m		
CKG	-	29.74670	35,000 ft	1	JIANGBEI
VOR	-	106.65300	10,668 m		
DS	W30	30.20000	35,000 ft	29	HELIUSHUI
NDB	AWY-HI	106.84800	10,668 m		
TOROD	B213	30.28670	35,000 ft	7	-
FIX	AWY-HI	106.75500	10,668 m		
ANSAR	B213	30.65670	35,000 ft	30	-
FIX	AWY-HI	106.35700	10,668 m		
GAO	B213	30.81000	35,000 ft	12	NANCHONG
VOR	AWY-HI	106.18800	10,668 m		
VENON	W504	31.07000	35,000 ft	78	-
FIX	AWY-HI	104.70300	10,668 m		
DOREX	-	31.24670	35,000 ft	19	-
FIX	-	104.37500	10,668 m		
OMBON	B330	33.35670	35,000 ft	126	-
FIX	AWY-HI	104.27200	10,668 m		
ELPAN	B330	34.97670	35,000 ft	97	-
FIX	AWY-HI	104.19200	10,668 m		
BESMI	B330	35.77670	35,000 ft	48	-
FIX	AWY-HI	104.15200	10,668 m		
XIXAN	B330	36.28000	35,000 ft	30	-
FIX	AWY-HI	104.12500	10,668 m		
SUNUV	B330	36.53000	35,000 ft	15	-
FIX	AWY-HI	104.11300	10,668 m		
JTA	B330	37.19670	35,000 ft	40	JINGTAI
VOR	AWY-HI	104.08000	10,668 m		
AKMAT	B330	37.60170	35,000 ft	26	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	103.84300	10,668 m		
YBL	B330	39.42170	35,000 ft	120	YABRAI
VOR	AWY-HI	102.77500	10,668 m		
YBL	-	39.42830	35,000 ft	0	YABRAI VOR-DME
DME	-	102.77200	10,668 m		
GOBIN	B330	41.50000	35,000 ft	124	-
FIX	AWY-HI	102.80800	10,668 m		
MORIT	-	42.03330	35,000 ft	32	-
FIX	-	102.81700	10,668 m		
ERKEM	Y478	43.73750	35,000 ft	149	-
FIX	AWY-HI	100.34200	10,668 m		
TANUK	Y478	45.25440	35,000 ft	138	-
FIX	AWY-HI	97.91810	10,668 m		
IMBAT	Y478	46.50000	35,000 ft	117	-
FIX	AWY-HI	95.75860	10,668 m		
HARUS	Y478	48.15690	35,000 ft	162	-
FIX	AWY-HI	92.59310	10,668 m		
BUREG	Y478	48.60610	35,000 ft	45	-
FIX	AWY-HI	91.66830	10,668 m		
BUGAT	Y478	49.04360	35,000 ft	45	-
FIX	AWY-HI	90.73810	10,668 m		
NOPUS	Y478	49.63330	35,000 ft	62	-
FIX	AWY-HI	89.43330	10,668 m		
KOPOK	R366	49.96690	35,000 ft	36	-
FIX	AWY-HI	88.63280	10,668 m		
AKTAS	R366	50.31690	35,000 ft	45	-
FIX	AWY-HI	87.58280	10,668 m		
MISLU	A357	52.83530	35,000 ft	264	-
FIX	AWY-HI	81.74920	10,668 m		
BILMA	A357	53.99390	35,000 ft	104	-
FIX	AWY-HI	79.55220	10,668 m		
ABESA	A357	54.92720	35,000 ft	87	-
FIX	AWY-HI	77.62750	10,668 m		
OLAPA	A489	55.25890	35,000 ft	35	-
FIX	AWY-HI	76.75580	10,668 m		
UTARU	A489	55.49390	35,000 ft	25	-
FIX	AWY-HI	76.12080	10,668 m		
BEDNI	A489	55.67220	35,000 ft	20	-
FIX	AWY-HI	75.60440	10,668 m		
ML	A489	56.22580	35,000 ft	65	CHAPAYEVO
NDB	AWY-HI	73.92940	10,668 m		
RUDIM	R814	57.35190	35,000 ft	122	-
FIX	AWY-HI	70.81390	10,668 m		
NH	R814	58.14220	35,000 ft	94	TOBOLSK
NDB	AWY-HI	68.27580	10,668 m		
UGLIT	A575	58.42080	35,000 ft	65	-
FIX	AWY-HI	66.27560	10,668 m		
UTORA	A575	58.71440	35,000 ft	78	-
FIX	AWY-HI	63.84360	10,668 m		
GIKES	A575	58.99190	35,000 ft	71	-
FIX	AWY-HI	61.61940	10,668 m		
ADANU	A303	59.58390	35,000 ft	85	-
FIX	AWY-HI	59.08970	10,668 m		
URILI	A303	59.72560	35,000 ft	38	-
FIX	AWY-HI	57.85940	10,668 m		
POBEM	A303	59.97330	35,000 ft	75	-

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
FIX	AWY-HI	55.40220	10,668 m		
GITLU	A303	60.46690	35,000 ft	43	-
FIX	AWY-HI	54.33580	10,668 m		
SUNAD	A303	60.78360	35,000 ft	28	-
FIX	AWY-HI	53.61750	10,668 m		
TOKNI	A303	61.39830	35,000 ft	54	-
FIX	AWY-HI	52.25670	10,668 m		
SONIB	A303	61.64690	35,000 ft	43	-
FIX	AWY-HI	50.84530	10,668 m		
URITU	R813	61.74110	35,000 ft	43	-
FIX	AWY-HI	49.34670	10,668 m		
BELAK	R813	61.74690	35,000 ft	2	-
FIX	AWY-HI	49.24440	10,668 m		
AKADA	R813	61.80030	35,000 ft	29	-
FIX	AWY-HI	48.22780	10,668 m		
SUPEG	A834	61.41190	35,000 ft	121	-
FIX	AWY-HI	44.05780	10,668 m		
VESUR	A834	61.14830	35,000 ft	66	-
FIX	AWY-HI	41.80280	10,668 m		
BASAP	R902	60.84580	35,000 ft	93	-
FIX	AWY-HI	38.66250	10,668 m		
DIBLU	R902	60.70560	35,000 ft	38	-
FIX	AWY-HI	37.36580	10,668 m		
GARSI	A720	60.98330	35,000 ft	44	-
FIX	AWY-HI	35.95420	10,668 m		
RODEN	-	60.73500	35,000 ft	17	-
FIX	-	35.64420	10,668 m		
KUTUN	G908	60.82500	35,000 ft	81	-
FIX	AWY-HI	32.87780	10,668 m		
INLUR	G908	60.84030	35,000 ft	21	-
FIX	AWY-HI	32.12860	10,668 m		
BEBRA	G908	60.86060	35,000 ft	49	-
FIX	AWY-HI	30.42780	10,668 m		
RATLA	G908	60.85830	35,000 ft	61	-
FIX	AWY-HI	28.33830	10,668 m		
ARLOM	Y359	60.79030	35,000 ft	18	-
FIX	AWY-HI	27.73140	10,668 m		
VEPIN	Y359	60.63140	35,000 ft	42	-
FIX	AWY-HI	26.33310	10,668 m		
MAMOP	P606	60.57500	35,000 ft	10	-
FIX	AWY-HI	25.98440	10,668 m		
EVIRO	P606	60.37500	35,000 ft	37	-
FIX	AWY-HI	24.79830	10,668 m		
ADIVO	N872	60.29750	35,000 ft	24	-
FIX	AWY-HI	23.98140	10,668 m		
PEPIG	N872	60.14140	35,000 ft	42	-
FIX	AWY-HI	22.59970	10,668 m		
POGOK	N872	59.99110	35,000 ft	37	-
FIX	AWY-HI	21.38780	10,668 m		
RUNGA	N872	59.74970	35,000 ft	52	-
FIX	AWY-HI	19.72420	10,668 m		
XILAN	N872	59.65930	35,000 ft	20	-
FIX	AWY-HI	19.07610	10,668 m		
ELRID	N872	59.56920	35,000 ft	19	-
FIX	AWY-HI	18.45500	10,668 m		
TEB	N872	59.53170	35,000 ft	7	TEBBY

Ident Type	Via	Lat Lon	Alt	Dist (nm)	Name
VOR	AWY-HI	18.20330	10,668 m		
LINSA	P607	59.72450	35,000 ft	26	-
FIX	AWY-HI	17.41170	10,668 m		
ELTOK	P607	59.82440	35,000 ft	14	-
FIX	AWY-HI	16.98990	10,668 m		
ARGIB	-	59.84810	35,000 ft	7	-
FIX	-	16.74470	10,668 m		
EBURI	Z166	59.80000	24,900 ft	62	-
FIX	AWY-HI	14.66060	7,590 m		
NIBNO	Z166	59.74000	10,000 ft	69	-
FIX	AWY-HI	12.35890	3,048 m		
ENGM	-	60.19450	0 ft	46	Oslo Gardermoen
APT	-	11.09890	0 m		

VHHH

Region: HONG KONG
Timezone: UNKNOWN
Runways: 2

Elevation: 27 ft / 8 m
Location: 22.308900 113.915000
Magnetic Var: 3.240 W

METAR

VHHH 230800Z 19010KT 9999 FEW010 SCT020 28/23 Q1007 TEMPO 4000 TSRA SHRA FEW008CB SCT020

TAF

TAF VHHH 230800Z 2309/2415 12010KT 9999 FEW010 SCT025 TX28/2406Z TN25/2322Z TEMPO 2309/2312 24015G25KT 3000 TSRA

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

ENGM

Region: NORWAY
Timezone: EUROPE/OSLO
Runways: 2

Elevation: 681 ft / 208 m
Location: 60.194500 11.098900
Magnetic Var: 4.487 E

METAR

ENGM 230750Z 06008KT 360V090 CAVOK 19/03 Q1019 NOSIG

TAF

TAF ENGM 230500Z 2306/2406 03008KT CAVOK BECMG 2308/2310 12012KT PROB40 TEMPO 2314/2324 TSRA SCT030CB BKN040 BECMG

Frequencies

REC - 126.12 MHz - GARDERMOEN ARRIVAL INFORMATION
CLD - 121.67 MHz - GARDERMOEN DELIVERY WEST
GND - 121.75 MHz - GARDERMOEN GROUND
GND - 121.90 MHz - GARDERMOEN GROUND EAST
TWR - 120.10 MHz - GARDERMOEN TOWER
APP - 120.45 MHz - OSLO APPROACH

REC - 127.15 MHz - GARDERMOEN DEPARTURE INFORMATION
CLD - 121.92 MHz - GARDERMOEN DELIVERY EAST
GND - 121.60 MHz - GARDERMOEN GROUND WEST
TWR - 118.30 MHz - GARDERMOEN TOWER
APP - 118.47 MHz - OSLO APPROACH

Runways

Ident	Width	Length	Bearing (true) (mag)	Surface	Threshold Offset	Overrun Length
01R	148 ft	9,664 ft	16.01	ASPHALT	0 ft	486 ft
	45 m	2,946 m	11.52		0 m	148 m
19L	148 ft	9,664 ft	196.02	ASPHALT	0 ft	489 ft
	45 m	2,946 m	191.53		0 m	149 m
01L	148 ft	11,797 ft	15.99	ASPHALT	0 ft	423 ft
	45 m	3,596 m	11.51		0 m	129 m
19R	148 ft	11,797 ft	196.01	ASPHALT	0 ft	486 ft
	45 m	3,596 m	191.52		0 m	148 m

Approach Nav aids

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
01L	DME	OBW	110.30 MHz	18 nm	-	-	709 ft
				33 km	-		709 m
01R	DME	ONE	111.95 MHz	18 nm	-	-	723 ft
				33 km	-		723 m
19L	DME	GME	110.55 MHz	18 nm	-	-	729 ft
				33 km	-		729 m
19R	DME	GSW	111.30 MHz	18 nm	-	-	727 ft
				33 km	-		727 m
01L	LOC-ILS	OBW	110.30 MHz	18 nm	16.00	-	681 ft
				33 km	11.51		681 m
01R	LOC-ILS	ONE	111.95 MHz	18 nm	16.04	-	681 ft
				33 km	11.55		681 m
19L	LOC-ILS	GME	110.55 MHz	18 nm	196.04	-	681 ft
				33 km	191.55		681 m
19R	LOC-ILS	GSW	111.30 MHz	18 nm	196.00	-	681 ft
				33 km	191.51		681 m
01L	GS	OBW	110.30 MHz	10 nm	16.00	3.00	681 ft
				19 km	11.51		681 m
01R	GS	ONE	111.95 MHz	10 nm	16.04	3.00	681 ft
				19 km	11.55		681 m

Runway	Type	Ident	Frequency	Range	Bearing (true) (mag)	Slope	Elevation
19L	GS	GME	110.55 MHz	10 nm	196.04	3.00	681 ft
				19 km	191.55		681 m
19R	GS	GSW	111.30 MHz	10 nm	196.00	3.00	681 ft
				19 km	191.51		681 m